

## **TRANSPORTATION OF DANGEROUS GOODS REGULATIONS**

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## **COMING INTO FORCE, REPEAL, INTERPRETATION, GENERAL PROVISIONS AND SPECIAL CASES**

### **1.1 Coming into Force**

These Regulations come into force 12 months after the day on which they are published in Part II of the Canada Gazette.

### **1.2 Repeal**

On the day these Regulations come into force, the “Transportation of Dangerous Goods Regulations”, as made by Order in Council P.C. 1985-147 dated January 17, 1985 and registered as SOR/85-77, are repealed.

### **1.3 Interpretation**

- (1) Anything written in italics in these Regulations is not part of the Regulations.
- (2) In these Regulations,
  - (a) “must” is imperative and “may” is permissive;
  - (b) the words “on”, “in” or “by” are synonymous when they are associated with the defined term “road vehicle”, “railway vehicle”, “ship” or “aircraft”; *SOR/2008-34*
  - (c) pressure expressed in kPa is gauge pressure unless designated as absolute pressure, except for vapour pressure, which is always absolute pressure;
  - (d) shipping names listed in Schedule 1 may be
    - (i) written in the singular or plural,
    - (ii) written in upper or lower case letters, except that when the shipping name is followed by the descriptive text associated with the shipping name the descriptive text must be in lower case letters and the shipping name must be in upper case letters (capitals),  
*SOR/2008-34*
    - (iii) in English only, put in a different word order as long as the full shipping name is used and the word order is a commonly used one; and  
*SOR/2008-34*  
*For example, “AMMONIA, ANHYDROUS” may be written “ANHYDROUS AMMONIA” and “SULPHUR, MOLTEN” may be written “MOLTEN SULPHUR”.*
    - (iv) for solutions and mixtures, followed by the word “SOLUTION” or “MIXTURE”, as appropriate, and may include the concentration of the solution or mixture; and  
*SOR/2017-137*
    - (v) for waste, preceded or followed by the word “WASTE” or “DÉCHET”.  
*SOR/2017-137*
  - (e) a symbol set out in column 1 of the following table represents the corresponding unit of measure set out in column 2:  
*SOR/2008-34*

**Table**

Column 1 Symbol	Column 2 Unit of Measure	Column 1 Symbol	Column 2 Unit of Measure
Bq	becquerel	LD	lethal dose
°C	degree Celsius	m	metre
ft <sup>3</sup>	cubic feet	m <sup>3</sup>	cubic metre
g	gram	mg	milligram
h	hour	mg/kg	milligrams per kilogram
Hz	hertz	mg/L	milligrams per litre
J	joule	mL	millilitre
J/g	joules per gram	mL/m <sup>3</sup>	millilitres per cubic metre
kg	kilogram	mm	millimetre
kBq/kg	kilobecquerels per kilogram	mph	miles per hour
km	kilometre	MPa	megapascal
km/h	kilometres per hour	mSv/h	millisieverts per hour
kPa	kilopascal	psig	pounds per square inch, gauge
L	litre	μSv/h	microsieverts per hour
L/kg	litres per kilogram	μm	micrometre
LC	lethal concentration		

- (f) when the word “placard” is used, it refers to a specific placard illustrated in the Appendix to Part 4, Dangerous Goods Safety Marks, but when a placard is required or permitted to be displayed, the singular includes the plural and it means the appropriate number of that placard required by Part 4;

*SOR/2014-159*

- (g) the word “or” is used in the inclusive sense unless the associated text clearly indicates otherwise;

*SOR/2008-34*

*For example, condition “A or B” is satisfied if A is satisfied, if B is satisfied or if both A and B are satisfied. Similarly, condition “A, B, C or D” is satisfied if one or more of the four conditions is satisfied.*

*SOR/2008-34*

- (h) when a shipping document or a document is required, the requirement refers to

- (i) the original shipping document or original document, or
- (ii) a copy of the shipping document or document;

*SOR/2008-34*

- (i) when it is necessary to convert between number of articles and net explosives quantity, one kilogram net explosives quantity must be counted as 100 articles and each 100 articles must be counted as one kilogram net explosives quantity;

*SOR/2008-34*

- (j) when dangerous goods are in a means of containment, it is the minimum required means of containment if

- (i) all other means of containment containing it are removed, the means of containment and the dangerous goods it contains would be in compliance with the Act and these Regulations for the purposes of handling, offering for transport or transporting, and
- (ii) all other means of containment containing it and the means of containment itself are removed, some of the dangerous goods it contains would no longer be in a means of containment that is in compliance with the Act and these Regulations for the purposes of handling, offering for transport or transporting;

*SOR/2008-34*

*A railway boxcar containing propane in one or more cylinders would not be the minimum required means of containment for that propane because, if the railway boxcar (plus any means of containment containing the boxcar) were removed, the propane would still be in means of containment in compliance with the Act and the Regulations.*

*SOR/2008-34*

*In most cases, the identification of the minimum required means of containment is obvious. The only situations in which it is not immediately obvious are situations involving “nested” means of containment, that is, where a first means of containment is contained in a second means of containment which may be contained in a third means of containment, and so on.*

*SOR/2008-34*

*The identification of the minimum required means of containment is essential in determining gross mass. It is also useful in some situations to clarify when dangerous goods safety marks do not need to be displayed on means of containment inside the minimum required means of containment. See the definition of “gross mass”, which is relevant in sections 1.6, 1.15, 1.16, 1.17, 1.19.1, 1.19.2, 1.29 and 7.1.*

*SOR/2008-34*

- (k) when the words “means of containment” are used, they refer to the minimum required means of containment unless the associated text clearly indicates otherwise; and

*SOR/2008-34*

*For example, the means of containment referred to in section 4.15 may contain dangerous goods that are included in different classes so that the means of containment may or may not be the minimum means of containment. Consequently, section 4.15 is not restricted to minimum means of containment.*

*SOR/2008-34*

- (l) the words “gross mass of all dangerous goods” in sections 1.15, 1.16, 1.21 and 1.22 refer to dangerous goods that require shipping documents or that are intended to be transported in accordance with those sections.

*SOR/2008-34*

### 1.3.1 Table of Safety Standards and Safety Requirement Documents

*SOR/2008-34*

A document set out in column 2 of the table to this section is a safety standard or a safety requirement. If the document is referred to in these Regulations, it is referred to by the short form set out in column 1.

*SOR/2014-152*

*Because the short forms are set out alphabetically in each language, the corresponding item number in the French-language table is shown in parentheses under the English-language item number.*

*SOR/2014-152*

*Some documents set out in the table are not mentioned in these Regulations; they are, however, referred to in documents that are mentioned in these Regulations.*

*SOR/2014-152*

**Table SOR/2017-137**

Item	Column 1 Short Form	Column 2 Safety Standard or Safety Requirement
1 (1)	ASTM D 4359	ASTM D 4359-90, “Standard Test Method for Determining Whether a Material Is a Liquid or a Solid”, July 1990, published by the American Society for Testing and Materials (ASTM)
2 (2)	ASTM F 852	ASTM F 852-86, “Standard Specification for Portable Gasoline Containers for Consumer Use”, June 1986, published by the American Society for Testing and Materials (ASTM)
3 (3)	CGA P-20	“Standard for Classification of Toxic Gas Mixtures”, Fourth Edition, 2009, published by the Compressed Gas Association, Inc. (CGA)
4 (4)	CGSB-32.301	National Standard of Canada CAN/CGSB-32.301-M87, “Canola Meal”, April 1987, published by the Canadian General Standards Board (CGSB)
5 (5)	CGSB-43.123	National Standard of Canada CAN/CGSB-43.123, “Aerosol containers and gas cartridges for transport of dangerous goods”, published by the Canadian General Standards Board (CGSB), as amended from time to time
6 (6)	CGSB-43.125	National Standard of Canada CAN/CGSB-43.125, “Packaging of Category A and Category B infectious substances (Class 6.2) and clinical (bio) medical or regulated medical waste”, published by the Canadian General Standards Board (CGSB), as amended from time to time

**Table SOR/2017-137**

Item	Column 1 Short Form	Column 2 Safety Standard or Safety Requirement
7 (7)	CGSB-43.126	Canadian General Standards Board, CGSB-43.126, "Reconditioning, Remanufacturing and Repair of Drums for the Transportation of Dangerous Goods", published by the Canadian General Standards Board (CGSB), as amended from time to time
8 (8)	CGSB-43.146	National Standard of Canada CAN/CGSB-43.146, "Design, manufacture and use of intermediate bulk containers for the transportation of dangerous goods, classes 3, 4, 5, 6.1, 8 and 9", published by the Canadian General Standards Board (CGSB), as amended from time to time
9 (9)	CGSB-43.151	Canadian General Standards Board CGSB-43.151, "Packaging, handling, offering for transport and transport of Explosives (Class 1)", published by the Canadian General Standards Board (CGSB), as amended from time to time
10 (11)	CSA B339	CSA Standard B339, "Cylinders, spheres, and tubes for the transportation of dangerous goods", published by the Canadian Standards Association (CSA), as amended from time to time
11 (12)	CSA B340	CSA Standard B340, "Selection and use of cylinders, spheres, tubes, and other containers for the transportation of dangerous goods, Class 2", published by the Canadian Standards Association (CSA), as amended from time to time
12 (13)	CSA B341	CSA Standard B341, "UN pressure receptacles and multiple-element gas containers for the transport of dangerous goods", published by the Canadian Standards Association (CSA), as amended from time to time
13 (14)	CSA B342	CSA Standard B342, "Selection and use of UN pressure receptacles, multiple-element gas containers, and other pressure receptacles for the transport of dangerous goods, Class 2", published by the Canadian Standards Association (CSA), as amended from time to time
14 (15)	CSA B620	CSA Standard B620, "Highway tanks and TC portable tanks for the transportation of dangerous goods", published by the Canadian Standards Association (CSA), as amended from time to time
15 (16)	CSA B621	CSA Standard B621, "Selection and use of highway tanks, TC portable tanks, and other large containers for the transportation of dangerous goods, Classes 3, 4, 5, 6.1, 8, and 9", published by the Canadian Standards Association (CSA), as amended from time to time
16 (17)	CSA B622	CSA Standard B622, "Selection and use of highway tanks, TC portable tanks, and ton containers for the transportation of dangerous goods, Class 2", published by the Canadian Standards Association (CSA), as amended from time to time
17 (18)	CSA B625	CSA Standard B625, "Portable tanks for the transport of dangerous goods", published by the Canadian Standards Association (CSA), as amended from time to time
18 (19)	CSA B626	CSA Standard B626, "Portable tank Specification TC 44", published by the Canadian Standards Association (CSA), as amended from time to time
19 (32)	49 CFR	Parts 171 to 180 of Title 49 of the "Code of Federal Regulations" of the United States, as amended from time to time
20 (20)	ICAO Technical Instructions	"Technical Instructions for the Safe Transport of Dangerous Goods by Air", published by the International Civil Aviation Organization (ICAO), as amended from time to time
21 (10)	IMDG Code	Volumes 1 and 2 of the "International Maritime Dangerous Goods Code", published by the International Maritime Organization (IMO), as amended from time to time
22 (21)	ISO 2592	International Standard ISO 2592:2000(E), "Determination of flash and fire points — Cleveland open cup method", Second Edition, September 15, 2000, published by the International Organization for Standardization (ISO)
23 (22)	ISO 9328-2	International Standard ISO 9328-2, "Steel plates and strips for pressure purposes — Technical delivery conditions — Part 2: Unalloyed and low-alloyed steels with specified room temperature and elevated temperature properties", First Edition, December 1, 1991, published by the International Organization for Standardization (ISO)
24 (23)	ISO 10156	International Standard ISO 10156, "Gases and gas mixtures — Determination of fire potential and oxidizing ability for the selection of cylinder valve outlets", Second Edition, February 15, 1996, published by the International Organization for Standardization (ISO)

**Table SOR/2017-137**

Item	Column 1 Short Form	Column 2 Safety Standard or Safety Requirement
25 (24)	ISO 10298	International Standard ISO 10298, "Determination of toxicity of a gas or gas mixture", First Edition, December 15, 1995, published by the International Organization for Standardization (ISO)
26 (29)	Manual of Tests and Criteria	"Recommendations on the Transport of Dangerous Goods: Manual of Tests and Criteria", published by the United Nations (UN), as amended from time to time
27 (30)	MIL-D-23119G	MIL-D-23119G, "Military Specification: Drums, Fabric, Collapsible, Liquid Fuel, Cylindrical, 500-Gallon Capacity", July 15, 1992, published by the United States Department of Defense
28 (31)	MIL-T-52983G	MIL-T-52983G, "Military Specification: Tanks, Fabric, Collapsible: 3,000, 10,000, 20,000 and 50,000 Gallon, Fuel", May 11, 1994, published by the United States Department of Defense
29 (25)	OECD Guidelines 404	OECD Guidelines for the Testing of Chemicals No. 404, "Acute Dermal Irritation/Corrosion", April 24, 2002, published by the Organization for Economic Co-operation and Development (OECD)
30 (26)	OECD Guidelines 430	OECD Guidelines for the Testing of Chemicals No. 430, "In Vitro Skin Corrosion: Transcutaneous Electrical Resistance Test Method", July 26, 2013, published by the Organization for Economic Co-operation and Development (OECD)
31 (27)	OECD Guidelines 431	OECD Guidelines for the Testing of Chemicals No. 431, "In vitro skin corrosion: reconstructed human epidermis (RHE) test method", July 26, 2013, published by the Organization for Economic Co-operation and Development (OECD)
32 (28)	OECD Guidelines 435	OECD Guideline for the Testing of Chemicals No. 435, "In Vitro Membrane Barrier Test Method for Skin Corrosion", July 19, 2006, published by the Organization for Economic Co-operation and Development (OECD)
33 (34)	Supplement to the ICAO Technical Instructions	"Supplement to the Technical Instructions for the Safe Transport of Dangerous Goods by Air", published by the International Civil Aviation Organization (ICAO), as amended from time to time
34 (35)	TP14850	Transport Canada Standard TP14850E, "Small Containers for Transport of Dangerous Goods, Classes 3, 4, 5, 6.1, 8 and, 9, a Transport Canada Standard", 2nd Edition, October 2010, published by the Department of Transport
35 (36)	TP14877	Transport Canada Standard TP14877E, "Containers for Transport of Dangerous Goods by Rail, a Transport Canada Standard", December 2013, published by the Department of Transport
36 (37)	ULC Standard S504	National Standard of Canada CAN/ULC-S504-02, "Standard for Dry Chemical Fire Extinguishers", Second Edition, August 14, 2002, as amended January 2007, August 2007 and April 2009, published by Underwriters' Laboratories of Canada
37 (38)	ULC Standard S507	National Standard of Canada CAN/ULC-S507-05, "Standard for Water Fire Extinguishers", Fourth Edition, February 28, 2005, as amended January 2007, published by Underwriters' Laboratories of Canada
38 (39)	ULC Standard S512	National Standard of Canada CAN/ULC-S512-M87, "Standard for Halogenated Agent Hand and Wheeled Fire Extinguishers", April 1987, as amended March 1989, March 1990, April 1993, September 1996, September 1997 and April 1999, and reaffirmed February 2007, published by Underwriters' Laboratories of Canada
39 (40)	ULC Standard S554	National Standard of Canada CAN/ULC-S554-05, "Standard for Water Based Agent Fire Extinguishers", Second Edition, February 28, 2005, and reaffirmed 2010, published by Underwriters' Laboratories of Canada
40 (33)	UN Recommendations	"Recommendations on the Transport of Dangerous Goods", published by the United Nations (UN), as amended from time to time.

### **1.3.2      Transitional Period**

*SOR/2017-137*

Despite section 1.3.1, if any of the following documents is amended after the coming into force of this section, instead of the current version of the document, the previous version of the document may be complied with for a period of six months after the day on which the current version is published:

- (a) CGSB-43.123;
- (b) CGSB-43.125;
- (c) CGSB-43.126;
- (d) CGSB-43.146;
- (e) CGSB-43.151;
- (f) CSA B339;
- (g) CSA B340;
- (h) CSA B341;
- (i) CSA B342;
- (j) CSA B620;
- (k) CSA B621;
- (l) CSA B622;
- (m) CSA B625; and
- (n) CSA B626.

*SOR/2017-137*

### **1.4 Definitions**

*In the following definitions, words that are also defined or that are variations of words that are defined are underlined. The meanings of the variations should be drawn from the defined terms. The meanings of other words that are not defined can be found in a dictionary or a scientific or technical handbook, journal or text or a similar publication.*

The definitions in this section, which include the definitions from the Act, apply in these Regulations.

**accidental release**  
*(from the Act)*

***Repealed SOR/2016-95***

**Act** means the “Transportation of Dangerous Goods Act, 1992”. (**Loi**)

**adsorbed gas**  
*SOR/2017-137*  
*SOR/2017-137*

means a gas that when packaged for transport is adsorbed onto a solid porous material resulting in an internal receptacle pressure of less than 101.3 kPa at 20°C and less than 300 kPa at 50°C. (**gaz adsorbé**)

<b>aerosol container</b>	means an article consisting of any non-refillable <u>means of containment</u> that contains a <u>substance</u> under pressure and that is fitted with a self-closing device that allows the contents to be ejected as (a) a <u>solid</u> or <u>liquid</u> particles in suspension in a <u>gas</u> ; (b) a foam, paste or powder; or (c) a <u>liquid</u> or <u>gas</u> . ( <b>bombe aérosol</b> )
	<i>SOR/2017-137</i>
<b>aircraft</b>	means any machine capable of deriving support in the atmosphere from reactions of the air, other than a machine designed to derive support in the atmosphere from reactions against the earth's surface of air expelled from the machine, and includes a rocket. ( <b>aéronef</b> )
<b>biological product</b>	means a product that is derived from living organisms and that is used to prevent, treat or diagnose disease in humans or animals or for development, experiment or investigation purposes and includes finished or unfinished products, live vaccines or attenuated live vaccines. ( <b>produit biologique</b> )
	<i>SOR/2008-34</i>
<b>CANUTEC</b>	means the Canadian Transport Emergency Centre of the Department of Transport. ( <b>CANUTEC</b> )
<b>capacity</b>	means, for a <u>means of containment</u> used to contain (a) a <u>liquid</u> or a <u>gas</u> , the maximum volume of water, normally expressed in litres, that the <u>means of containment</u> can hold at 15°C and at an absolute pressure of 101.325 kPa; and (b) <u>dangerous goods</u> other than a <u>liquid</u> or a <u>gas</u> , the maximum volume, normally expressed in cubic metres, that the <u>means of containment</u> can hold. ( <b>capacité</b> )
	<i>SOR/2008-34</i>
<b>cargo aircraft</b>	means an <u>aircraft</u> , other than a <u>passenger carrying aircraft</u> , that is carrying goods or property. ( <b>aéronef cargo</b> )
<b>carrier</b>	means a <u>person</u> who, whether or not for hire or reward, has possession of <u>dangerous goods</u> while they are <u>in transport</u> . ( <b>transporteur</b> )
<b>Category A</b>	means an <u>infectious substance</u> that is transported in a form such that, when it is released outside of its <u>means of containment</u> and there is physical contact with humans or animals, it is capable of causing permanent disability or life-threatening or fatal disease to humans or animals. ( <b>catégorie A</b> )
	<i>SOR/2008-34</i>
<b>Category B</b>	means an <u>infectious substance</u> that does not meet the criteria for inclusion in <u>Category A</u> . ( <b>catégorie B</b> )
	<i>SOR/2008-34</i>
<b>certification safety mark</b>	means a design, symbol, device, letter, word, number or abbreviation that is displayed on a <u>means of containment</u> or <u>means of transport</u> to indicate compliance with a <u>safety standard</u> . ( <b>indication de danger — conformité</b> )
<b>49 CFR</b>	<i>Repealed SOR/2014-152</i>

<b>Class</b>	means, when the word “class” is followed by  (a) one digit, the class of <u>dangerous goods</u> listed in the schedule to the <u>Act</u> ; and (b) two digits separated by a point, the class of <u>dangerous goods</u> listed in the schedule to the <u>Act</u> and its division. ( <b>classe</b> )  <i>For example, Class 6.1 is division 1 of Class 6. Not all classes have divisions. Note that for explosives, as required in section 3.5, the compatibility letter must be next to the primary class number, for example, Class 1.1A or Class 1.4S.</i>
	<i>SOR/2008-34</i>
<b>classification</b>	means, for <u>dangerous goods</u> , as applicable, the <u>shipping name</u> , the <u>primary class</u> , the <u>compatibility group</u> , the <u>subsidiary class</u> , the <u>UN number</u> , the <u>packing group</u> , and the <u>infectious substance category (classification)</u> <i>SOR/2008-34</i>
<b>compatibility group</b>	means one of the 13 groups of explosives described in Appendix 2 of Part 2, Classification. ( <b>groupe de compatibilité</b> )  <i>The compatibility group for each explosive listed in Schedule 1 is shown in column 3 of that Schedule beside the primary class of that explosive.</i>
<b>consignment</b>	means a quantity of <u>dangerous goods</u> transported at the same time in one or more <u>means of containment</u> from one <u>consignor</u> at one location to one consignee at another location. ( <b>envoi</b> ) <i>SOR/2008-34</i>
<b>consignor</b>	means a <u>person</u> in Canada who  (a) is named in a <u>shipping document</u> as the consignor; (b) <u>imports</u> or who will <u>import dangerous goods</u> into Canada; or (c) if paragraphs (a) and (b) do not apply, has possession of <u>dangerous goods</u> immediately before they are <u>in transport</u> . ( <b>expéditeur</b> )  <i>A person may be both a consignor and a carrier of the same consignment, for example, a manufacturer who also transports the dangerous goods he or she produces.</i>
<b>consolidation bin</b> <i>SOR/2014-159</i>	means a bin that is used in a <u>road vehicle</u>  (a) to secure one or more <u>small means of containment</u> so that, under normal conditions of transport, they will not shift in a way that might compromise their integrity; and (b) to allow <u>small means of containment</u> to be added or removed during transport. ( <b>conteneur de groupage</b> )  <i>Unlike an overpack, a consolidation bin allows users to add or remove small means of containment during transport. A typical user of consolidation bins would be a delivery service that makes many deliveries in one route.</i>
<b>Culture</b>	means the result of a process by which pathogens in a specimen are intentionally propagated. This definition does not include specimens taken from a human or animal patient and that are intended to be processed in a laboratory. ( <b>culture</b> ) <i>SOR/2008-34</i>  <i>Often, a specimen taken from a human or animal patient in a doctor’s office, a clinic, a hospital or a lab is referred to by the health care professional as a “culture”. In fact, such a specimen is usually intended to be sent to a laboratory where it will be manipulated or “cultured”. It is packaged in such a way that the specimen itself will not deteriorate but any pathogens it contains will not “grow” during transport</i>
	<i>SOR/2008-34</i>

**cylinder** means a small means of containment, other than an aerosol container, that is cylindrical or spherical in shape and that is capable of withstanding an internal absolute pressure of 275 kPa. (**bouteille à gaz**)

**dangerous goods  
(from the Act)** means a product, substance or organism included by its nature or by the regulations in any of the classes listed in the schedule to the Act. (**marchandises dangereuses**)

*Schedule to the Act*

*Class 1*

*Explosives, including explosives within the meaning of the “Explosives Act”*

*Class 2*

*Gases: compressed, deeply refrigerated, liquefied or dissolved under pressure*

*Class 3*

*Flammable and combustible liquids*

*Class 4*

*Flammable solids; substances liable to spontaneous combustion; substances that on contact with water emit flammable gases*

*Class 5*

*Oxidizing substances; organic peroxides*

*Class 6*

*Poisonous (toxic) and infectious substances*

*Class 7*

*Nuclear substances, within the meaning of the “Nuclear Safety and Control Act”, that are radioactive*

*Class 8*

*Corrosives*

*Class 9*

*Miscellaneous products, substances or organisms considered by the Governor in Council to be dangerous to life, health, property or the environment when handled, offered for transport or transported and prescribed to be included in this class*

*In these Regulations the words “Class 7, Radioactive Materials” are used rather than the words that are used in the schedule to the Act, “Class 7, Nuclear Substances within the meaning of the Nuclear Safety and Control Act, that are radioactive” so that the Regulations are more easily read in conjunction with international documents incorporated by reference in them.*

**dangerous goods safety mark** means a label, placard, orange panel, sign, mark, letter, word, number or abbreviation that is used to identify dangerous goods and to show the nature of the danger posed by them. (**indication de danger — marchandises dangereuses**)

**Director General** means the Director General of the Transport Dangerous Goods Directorate, Department of Transport. (**directeur général**)

**dust** means a mixture of solid particles and air in which 90 per cent or more of the solid particles have a diameter less than or equal to 10 µm. (**poussière**)

*The concentration of these suspended particles in air is measured as milligrams of solid particles per litre of air (mg/L).*

**drum** means a flat-ended or convex-ended cylindrical means of containment made of metal, fibreboard, plastic or other similar material, with a maximum capacity of 450 L, or for a drum made of plywood, a maximum capacity of 250 L. This definition includes means of containment of other shapes such as pail-shaped or round with a tapered neck, but does not include a wood barrel or jerrican (that is, a means of containment of rectangular or polygonal cross-section). (**fût**)

*SOR/2008-34*

<b>emergency</b>	means an immediate danger to <u>public safety</u>  (a) requiring the use of <u>dangerous goods</u> to avert or mitigate the danger; or (b) arising directly or indirectly from dangerous goods. ( <b>urgence</b> )
<b>emergency response assistance plan or ERAP or ERP</b>	means a plan that outlines what is to be done if there is an accident involving certain <u>dangerous goods</u> and that is in accordance with Part 7, Emergency Response Assistance Plan. ( <b>plan d'intervention d'urgence ou PIU</b> )
<b>Employer</b>	means a <u>person</u> who  (a) employs one or more individuals; or (b) provides the services of one or more individuals and from whom the individuals receive their remuneration. ( <b>employeur</b> )
<b>farmer</b>	means a <u>person</u> engaged in <u>farming</u> in Canada for commercial purposes. ( <b>agriculteur</b> ) <i>SOR/2008-34</i>
<b>farming</b>	means the production of field-grown crops, cultivated and uncultivated and horticultural crops, the raising of livestock, poultry and fur-bearing animals, the production of eggs, milk, honey, maple syrup, tobacco, fibre and fodder crops, but does not include aquaculture. ( <b>agriculture</b> ) <i>SOR/2008-34</i>
<b>fire point</b>	means the lowest temperature at which a <u>substance</u> will ignite and will continue to burn for at least 5 seconds. ( <b>point d'inflammation</b> )
<b>flash point</b>	means the lowest temperature at which the application of an ignition source causes the <u>vapours</u> of a <u>liquid</u> to ignite near the surface of the <u>liquid</u> or within a test vessel. ( <b>point d'éclair</b> )  <i>The flash point is determined using the closed-cup test method referred to in Chapter 2.3 of the UN Recommendations. See paragraph 2.18(1)(a) of Part 2, Classification.</i>
<b>fuel cell</b> <i>SOR/2014-306</i>	means an electrochemical device that converts the chemical energy of a fuel to electrical energy, heat and reaction products. ( <b>pile à combustible</b> )
<b>fuel cell cartridge</b> <i>SOR/2014-306</i>	means an article that stores fuel for discharge into a fuel cell through one or more valves that control the discharge of the fuel into the fuel cell. ( <b>cartouche pour pile à combustible</b> )
<b>fuel cell engine</b> <i>SOR/2014-306</i>	means a device that is used to power equipment and that consists of a fuel cell and its fuel supply, whether integrated with or separate from the fuel cell, and includes all appurtenances necessary to fulfil its function. ( <b>moteur pile à combustible</b> )
<b>gas</b>	means a <u>substance</u> that at 50°C has a <u>vapour</u> pressure greater than 300 kPa or that is completely gaseous at 20°C at an absolute pressure of 101.3 kPa and that is  (a) compressed (other than in solution) so that when it is packaged under pressure for transport it remains entirely gaseous at 20°C; (b) liquefied so that when it is packaged for transport it is partially <u>liquid</u> at 20°C; (c) refrigerated so that when it is packaged for transport it is made partially <u>liquid</u> because of its low temperature; or <i>SOR/2002-306</i> (d) in solution so that when it is packaged for transport it is dissolved in a solvent. ( <b>gaz</b> )
<b>genetically modified micro-organism</b>	<b>Repealed</b> <i>SOR/2014-306</i>

<b>gross mass</b>	means  (a) for a <u>means of containment</u> , the mass of the <u>means of containment</u> and all of its contents; or <u>SOR/2008-34</u> (b) for a quantity of <u>dangerous goods</u> , the gross mass of all minimum required <u>means of containment</u> used to contain the <u>dangerous goods</u> . ( <b>masse brute</b> ) <u>SOR/2008-34</u> <i>Reference to the minimum required means of containment (see paragraph 1.3(2)(j)) clarifies that, when dangerous goods are in portable tanks required or permitted by Part 5, Means of Containment, and the portable tanks are being transported in an ISO container or in a rail boxcar, the gross mass of the dangerous goods includes the dangerous goods and the portable tank but does not include the mass of the ISO container or the rail boxcar.</i> <u>SOR/2012-245</u>
<b>handling</b> (from the Act)	means loading, unloading, packing or unpacking <u>dangerous goods</u> in a <u>means of containment</u> for the purposes of, in the course of or following transportation and includes storing them in the course of transportation. ( <b>manutention</b> )
<b>ICAO Technical Instructions</b>	<i>Repealed SOR/2014-152</i>
<b>IMDG Code</b>	<i>Repealed SOR/2014-152</i>
<b>IMDG Code, 29th Amendment</b>	<i>Repealed SOR/2014-152</i>
<b>imminent accidental release</b>	<i>Repealed SOR/2016-95</i>
<b>import</b> (from the Act)	means import into Canada, and includes transporting goods that originate from outside Canada and pass through Canada to a destination outside Canada, except when the goods are being transported on a <u>ship</u> or <u>aircraft</u> not registered in Canada. ( <b>importer</b> )
<b>infectious substance</b>	means a <u>substance</u> known or reasonably believed to contain viable micro-organisms such as bacteria, viruses, rickettsia, parasites, fungi and other agents such as prions that are known or reasonably believed to cause disease in humans or animals and that are listed in Appendix 3 to Part 2, Classification, or that exhibit characteristics similar to a <u>substance</u> listed in Appendix 3. ( <b>matière infectieuse</b> ) <u>SOR/2008-34</u>
<b>inspector</b> (from the Act)	means a <u>person</u> designated as an inspector under subsection 10(1) of the <u>Act</u> . ( <b>inspecteur</b> )
<b>in standard</b>	means that a <u>means of containment</u> meets the requirements set out in section 5.2 of Part 5, Means of Containment. ( <b>en règle</b> )
<b>in transport</b>	means that a <u>person</u> has possession of <u>dangerous goods</u> for the purposes of transportation or for the purposes of storing them in the course of transportation. ( <b>en transport</b> )
<b>large means of containment</b>	means a <u>means of containment</u> with a <u>capacity</u> greater than 450 L. ( <b>grand contenant</b> ) <u>SOR/2008-34</u> <i>450 L is equivalent to 0.45 m<sup>3</sup> or 15.9 ft<sup>3</sup></i>

<b>LC<sub>50</sub></b>	means the lowest concentration of <u>gas</u> , <u>vapour</u> , <u>mist</u> or <u>dust</u> that, when administered by continuous inhalation to both male and female young adult albino rats for one hour, results in the death within 14 days of one half of the animals. ( <b>CL<sub>50</sub></b> )  <i>The result is expressed in milligrams per litre (mg/L) of air for dust and mist, which are suspended particles, and in millilitres per cubic metre (mL/m<sup>3</sup>) of air for gas and vapour.</i>
<b>LD<sub>50</sub> (dermal)</b>	means the lowest amount of a <u>substance</u> that, when administered by continuous contact with the bare skin of both male and female young adult albino rabbits for 24 hours, results in the death within 14 days of one half of the animals. ( <b>DL<sub>50</sub> (absorption cutanée)</b> )  <i>The result is expressed in milligrams per kilogram (mg/kg) of body mass.</i>
<b>LD<sub>50</sub> (oral)</b>	means the lowest amount of a <u>substance</u> that, when administered by mouth to both male and female young adult albino rats, results in the death within 14 days of one half of the animals. ( <b>DL<sub>50</sub> (ingestion)</b> )  <i>The result is expressed in milligrams per kilogram (mg/kg) of body mass.</i>
<b>Liquid</b>	means a <u>substance</u> that <ul style="list-style-type: none"><li>(a) has a melting point less than or equal to 20°C at an absolute pressure of 101.3 kPa; or</li><li>(b) is a viscous <u>substance</u> for which a specific melting point cannot be determined but that is determined to be a liquid in accordance with ASTM D 4359. (<b>liquide</b>)</li></ul>
<b>lithium content</b> <i>SOR/2014-306</i>	means the mass of lithium in the anode of a lithium metal or lithium alloy cell. ( <b>quantité de lithium</b> )
<b>Manual of Tests and Criteria</b>	<i>Repealed SOR/2014-152</i>
<b>Means of containment</b> <i>(from the Act)</i>	means a container or packaging, or any part of a <u>means of transport</u> that is or may be used to contain goods. ( <b>contenant</b> )
<b>means of transport</b> <i>(from the Act)</i>	means a <u>road or railway vehicle</u> , <u>aircraft</u> , <u>ship</u> , pipeline or any other contrivance that is or may be used to transport <u>persons</u> or goods. ( <b>moyen de transport</b> )
<b>Minister</b> <i>(from the Act)</i>	means the Minister of Transport. ( <b>ministre</b> )
<b>Mist</b>	means a mixture of <u>liquid</u> particles and air in which 90 per cent or more of the <u>liquid</u> particles have a diameter not greater than 10 µm. ( <b>brouillard</b> )  <i>The concentration of these suspended particles in air is measured as milligrams of liquid particles per litre of air (mg/L).</i>
<b>net explosives quantity</b>	means the net mass of explosives, excluding the mass of any <u>means of containment</u> . ( <b>quantité nette d'explosifs</b> ) <i>SOR/2008-34</i>  <i>Some explosives are articles and depend on the means of containment to achieve an explosive effect. This definition clarifies that, even in such a case, only the mass of explosives is counted. For fireworks, when the net explosives quantity is unknown, it can be calculated using special provision 4 or 5 of Schedule 2.</i> <i>SOR/2008-34</i>
<b>neutron radiation detector</b> <i>SOR/2017-137</i>	means a device that detects neutron radiation and includes a device in which a <u>gas</u> may be contained in a hermetically sealed electron tube transducer that converts neutron radiation into a measureable electric signal. ( <b>détecteur de rayonnement neutronique</b> ) <i>SOR/2017-137</i>

<b>offer for transport</b>	means, for <u>dangerous goods</u> not in <u>transport</u> , to select or allow the selection of a <u>carrier</u> to transport the <u>dangerous goods</u> , to prepare or allow the preparation of the <u>dangerous goods</u> so that a <u>carrier</u> can take possession of them for transport or to allow a <u>carrier</u> to take possession of the <u>dangerous goods</u> for transport. ( <b>demande de transport</b> )
<b>organization</b> <i>(This definition reproduces the definition of "organization" in section 2 of the Criminal Code as incorporated in section 2 of the Act.)</i> SOR/2012-245	means  (a) a public body, body corporate, society, company, firm, partnership, trade union or municipality; or  (b) an association of <u>persons</u> that  (i) is created for a common purpose, (ii) has an operational structure, and (iii) holds itself out to the public as an association of persons. ( <b>organisation</b> )
<b>overpack</b> SOR/2014-159	means an enclosure that is used by a single <u>consignor</u> to consolidate one or more small means of containment for ease of <u>handling</u> but that is not a minimum required means of containment. This definition does not include a <u>large means of containment</u> or a unit load device, as defined in the <u>ICAO Technical Instructions</u> , that is intended for transport by <u>aircraft</u> . ( <b>suremballage</b> )  <i>Examples of overpacks include</i>  (a) a pallet on which are placed or stacked one or more small means of containment that are secured by straps, shrink wrap, stretch wrap, nets or other similar means; and  (b) a disposable box, crate or bin in which one or more small means of containment are placed.
<b>packing group</b>	means a group in which <u>dangerous goods</u> are included based on the inherent danger of the <u>dangerous goods</u> ; Packing Group I indicates great danger, Packing Group II indicates medium danger and Packing Group III indicates minor danger. ( <b>groupe d'emballage</b> )
<b>passenger</b>	means  (a) for a <u>ship</u> , a <u>person</u> defined as a passenger in the "Canada Shipping Act"; and  (c) for a <u>road vehicle</u> , a <u>railway vehicle</u> or an <u>aircraft</u> , a <u>person</u> carried on board the <u>means of transport</u> but does not include  (i) a crew member, (ii) a <u>person</u> who is accompanying <u>dangerous goods</u> or other cargo, (iv) an operator, owner or charterer of the <u>means of transport</u> ,  (v) an employee of the operator, owner or charterer of the <u>means of transport</u> , who is acting in the course of employment, or (vi) a <u>person</u> carrying out inspection or investigation duties under an Act of Parliament or of a provincial legislature. ( <b>passager</b> )
<b>passenger carrying aircraft</b>	means an <u>aircraft</u> that is carrying one or more <u>passengers</u> . ( <b>aéronef de passagers</b> )
<b>passenger carrying railway vehicle</b>	means a <u>railway vehicle</u> that is carrying one or more <u>passengers</u> . ( <b>véhicule ferroviaire de passagers</b> )
<b>passenger carrying road vehicle</b>	means a <u>road vehicle</u> that is carrying one or more <u>passengers</u> . ( <b>véhicule routier de passagers</b> )

<b>passenger carrying ship</b>	means a <u>ship</u> that is carrying
	(a) for the purposes of the provisions of these Regulations that refer to <u>dangerous goods</u> other than explosives, (i) more than 25 <u>passengers</u> , or (ii) more than one <u>passenger</u> for each 3 m of the length of the <u>ship</u> ; and
	(b) for the purposes of the provisions of these Regulations that refer to explosives, (i) more than 12 <u>passengers</u> , and (ii) more than one <u>passenger</u> for each 3 m of the length of the <u>ship</u> . ( <b>navire de passagers</b> )
<b>permit for equivalent level of safety</b>	means an authorization issued under section 31 of the <u>Act</u> to conduct an activity in compliance with the conditions of that authorization instead of with the requirements of these Regulations. ( <b>permis de niveau de sécurité équivalent</b> )
<b>person</b> ( <i>from the Act</i> )	means an individual or an <u>organization</u> . ( <b>personne</b> ) <i>SOR/2012-245</i>
<b>prescribed</b> ( <i>from the Act</i> )	means prescribed by regulations of the Governor in Council. ( <i>version anglaise seulement</i> )
<b>primary class</b>	means the first <u>class</u> shown in column 3 of Schedule 1. ( <b>classe primaire</b> )
<b>protective direction</b>	means a direction issued under section 32 of the <u>Act</u> to cease an activity or to conduct other activities to reduce any danger to <u>public safety</u> . ( <b>ordre</b> )
<b>public safety</b> ( <i>from the Act</i> )	means the safety of human life and health and of property and the environment. ( <b>sécurité publique</b> )
<b>radiation detection system</b> <i>SOR/2017-137</i>	means an apparatus that contains a radiation detector as a component. ( <b>système de détection des rayonnements</b> ) <i>SOR/2017-137</i>
<b>railway vehicle</b>	means any vehicle that is designed to be drawn or propelled on rails by any power other than muscle power and that is being prepared for use or being used on rails. ( <b>véhicule ferroviaire</b> )
<b>release</b> ( <i>from the Act</i> ) <i>SOR/2016-95</i>	means, in relation to dangerous goods, (a) a discharge, emission, explosion, outgassing or other escape of dangerous goods, or any component or compound evolving from dangerous goods, from the means of containment being used to handle or transport the dangerous goods; or (b) an emission, from a means of containment being used to handle or transport dangerous goods, of ionizing radiation that exceeds a level or limit established under the “Nuclear Safety and Control Act”. ( <b>rejet</b> ) <i>SOR/2016-95</i>
<b>road vehicle</b>	means any vehicle that is designed to be drawn or propelled on land, including on ice roads, by any power other than muscle power and includes a machine designed to derive support in the atmosphere from reactions against the earth’s surface of air expelled from the machine, but does not include a <u>railway vehicle</u> that operates exclusively on rails. ( <b>véhicule routier</b> ) <i>SOR/2008-34</i>

<b>roll-on roll-off ship</b>	means a <u>ship</u>
	(a) with one or more decks that are closed or open, normally not subdivided in any way and that generally run the entire length of the <u>ship</u> ; and
	(b) onto or from which <u>persons</u> embark or disembark or goods or vehicles are loaded or unloaded, normally in a horizontal direction. ( <b>navire roulier</b> )
<b>safety mark</b> (from the Act)	includes a design, symbol, device, sign, label, placard, letter, word, number or abbreviation, or any combination of these things, that is to be displayed
	(a) on <u>dangerous goods</u> , on <u>means of containment or transport</u> used in <u>handling</u> , <u>offering for transport</u> or transporting <u>dangerous goods</u> , or at facilities used in those activities; and
	(b) to show the nature of the danger or to indicate compliance with the <u>safety standards prescribed</u> for the <u>means of containment or transport</u> or the facilities. ( <b>indication de danger</b> )
	<i>See also certification safety mark and dangerous goods safety mark.</i>
<b>safety requirements</b> (from the Act)	means requirements for <u>handling</u> , <u>offering for transport</u> or transporting <u>dangerous goods</u> , for reporting those activities and for training <u>persons</u> engaged in those activities. ( <b>règles de sécurité</b> )
<b>safety standards</b> (from the Act)	means standards regulating the design, construction, equipping, functioning or performance of <u>means of containment</u> or facilities used or intended to be used in <u>handling</u> , <u>offering for transport</u> or transporting <u>dangerous goods</u> . ( <b>normes de sécurité</b> )
<b>ship</b> <i>SOR/2014-306</i>	has the meaning assigned by the definition of “vessel” in section 2 of the “Canada Shipping Act, 2001”. ( <b>navire</b> )
<b>shipping document</b>	means a document that relates to <u>dangerous goods</u> that are being <u>handled</u> , <u>offered for transport</u> or transported and that contains the information required by Part 3, Documentation, relating to the goods but does not include an electronic record. ( <b>document d’expédition</b> )
<b>shipping name</b>	means an entry in upper case letters (capitals) in column 2 of Schedule 1, but does not include any lower case descriptive text except for the purpose of determining the <u>classification of dangerous goods</u> . ( <b>appellation réglementaire</b> )
<b>shipping record</b> (from the Act)	means a record that relates to <u>dangerous goods</u> being <u>handled</u> , <u>offered for transport</u> or transported and that describes or contains information relating to the goods, and includes electronic records of information. ( <b>registre d’expédition</b> )
<b>short-run ferry</b>	means a <u>ship</u> that is operating over the most direct water route between two points not more than 3 km apart. ( <b>bac</b> )
<b>small means of containment</b>	means a <u>means of containment</u> with a <u>capacity</u> less than or equal to 450 L. ( <b>petit contenant</b> ) <i>SOR/2008-34</i> 450 L is equivalent to 0.45 m <sup>3</sup> or 15.9 ft <sup>3</sup> .
<b>solid</b>	means a <u>substance</u> that is not a <u>liquid</u> or a <u>gas</u> . ( <b>solide</b> )
<b>special provision</b>	means an item of Schedule 2 referred to in column 5 of Schedule 1. ( <b>disposition particulière</b> )
<b>standardized means of containment</b> (from the Act)	means a <u>means of containment</u> in relation to which a <u>safety standard</u> has been <u>prescribed</u> . ( <b>contenant normalisé</b> )
<b>subsidiary class</b>	means a <u>class</u> shown in parentheses in column 3 of Schedule 1. ( <b>classe subsidiaire</b> )
<b>substance</b>	includes an article. ( <b>matière</b> )

**Supplement  
to the ICAO Technical Instructions    *Repealed SOR/2014-152***

<b>technical name</b>	means the chemical name or another name currently used in a scientific or technical handbook, journal or text but does not include a trade name. ( <b>appellation technique</b> )
<b>train</b>	means <ul style="list-style-type: none"><li>(a) a train as defined in the “Canadian Rail Operating Rules”, published by The Railway Association of Canada and approved by the <u>Minister</u> under the “Railway Safety Act” on January 16, 1990, as amended to July 1, 2000; or</li><li>(b) a number of <u>railway vehicles</u> coupled together moving at a velocity exceeding 24 km/h (15 mph) with at least one <u>railway vehicle</u> providing propulsion and at least one <u>railway vehicle</u> containing <u>dangerous goods</u> for which a placard is required to be displayed in accordance with Part 4, Dangerous Goods Safety Marks. (<b>train</b>)</li></ul>
<b>transport index</b>	has the same meaning as determined under the “Packaging and Transport of Nuclear Substances Regulations”. ( <b>indice de transport</b> )
<b>tube</b>	means a <u>large means of containment</u> that is cylindrical in shape and that is capable of withstanding an internal absolute pressure of 12.4 MPa. ( <b>tube</b> )
<b>Type 1A means of containment</b>	<i>Repealed SOR/2017-137</i>
<b>Type 1B means of containment</b>	<i>Repealed SOR/2017-137</i>
<b>Type 1C means of containment</b>	<i>Repealed SOR/2017-137</i>
<b>Type P620 means of containment <i>SOR/2017-137</i></b>	means a <u>means of containment</u> that is in compliance with the requirements of CGSB-43.125 for Type P620 packaging or, if it is manufactured outside Canada, is in compliance with the requirements of Chapter 6.3 and Packing Instruction P620 of the UN Recommendations and the national regulations of the country of manufacture. ( <b>contenant de type P620</b> ) <i>SOR/2017-137</i>
<b>Type P650 means of containment <i>SOR/2017-137</i></b>	means a <u>means of containment</u> that is in compliance with the requirements of CGSB-43.125 for Type P650 packaging or, if it is manufactured outside Canada, is in compliance with the requirements of Packing Instruction P650 of the UN Recommendations and the national regulations of the country of manufacture. ( <b>contenant de type P650</b> ) <i>SOR/2017-137</i>
<b>UN number</b>	means an entry in column 1 of Schedule 1. ( <b>numéro UN</b> )
<b>UN Recommendations</b>	<i>Repealed SOR/2014-152</i>
<b>UN standardized means of containment</b>	means a <u>means of containment</u> that meets the requirements set out in section 5.6 of Part 5, Means of Containment. ( <b>contenant normalisé UN</b> )

**vapour** means the dispersion in air of imperceptible particles of a substance that is liquid or solid in its normal state. (**vapeur**)

*For example, water vapour or benzene vapour.*

**watt-hour or Wh**  
*SOR/2014-306* the electrical energy developed by a power of 1 watt (W) during 1 hour (h) and expressed as watt-hour (Wh). (**wattheure ou Wh**)



## General Provisions

*Subsections 1.5.1(2) and 1.6(3) refer to a conflict between requirements. A conflict is not the same as a difference. There is a difference between two provisions if they are not exactly the same but both can be satisfied at the same time. There is a conflict between two provisions if it is impossible for both provisions to be satisfied at the same time.*

*SOR/2008-34*

*For example, if Provision A requires a tank wall to exceed 1 mm in thickness and Provision B requires the same tank wall to exceed 2 mm in thickness, there is a difference between the two provisions but there is no conflict because both provisions can be satisfied at the same time if the tank wall exceeds 2 mm in thickness.*

*However, if Provision A prohibits a tank wall from exceeding 1 mm in thickness and Provision B requires the same tank wall to exceed 2 mm in thickness, there is a conflict between the two provisions because it is impossible for the tank wall to be less than or equal to 1 mm in thickness while at the same time exceeding 2 mm in thickness.*

### 1.5 Applicability of the Regulations

Unless otherwise stated in sections 1.15 to 1.48 of this Part or in Schedule 1 or 2, dangerous goods must be handled, offered for transport or transported in accordance with these Regulations.

*SOR/2008-34*

#### 1.5.1 Schedule 2: Special Provisions

- (1) When there is a special provision in Schedule 2 for dangerous goods, that special provision applies.

*SOR/2008-34*

- (2) When there is a conflict between a special provision in Schedule 2 and other provisions in these Regulations, the special provision applies.

*SOR/2008-34*

#### 1.5.2 Schedules 1 and 3: Forbidden Dangerous Goods

- (1) When the word “Forbidden” is shown for dangerous goods in column 3 of Schedule 1 or column 2 of Schedule 3, a person must not handle, offer for transport or transport the dangerous goods.

*SOR/2014-306*

- (2) When the word “Forbidden” is shown for dangerous goods in column 8 or 9 of Schedule 1, a person must not offer for transport or transport the dangerous goods by the means of transport set out in the heading of that column.

*SOR/2008-34*

### 1.6 Schedule 1: Quantity Limits in Columns 8 and 9

- (1) When there is a number shown in column 8 of Schedule 1, that number is a quantity limit per means of containment for the corresponding dangerous goods in column 2. A person must not load onto a passenger carrying ship, or transport on a road vehicle or a railway vehicle on board a passenger carrying ship, dangerous goods that exceed the quantity limit. Dangerous goods exceed the quantity limit if

*SOR/2014-306*

(a) in the case of a solid, they have a mass that is greater than the number when that number is expressed in kilograms;

(b) in the case of a liquid, they have a volume that is greater than the number when that number is expressed in litres;

(c) in the case of a gas, including a gas in a liquefied form, they are contained in a means of containment the capacity of which is greater than the number when that number is expressed in litres; and

*SOR/2016-95*

(d) in the case of an explosive

(i) not subject to special provision 85 or 86, they have a net explosives quantity that is greater than the number when

that number is expressed in kilograms, or

- (ii) subject to special provision 85 or 86, they exceed 100 articles.

*SOR/2008-34*

- (2) When there is a number shown in column 9 of Schedule 1, that number is a quantity limit per means of containment for the corresponding dangerous goods in column 2. A person must not offer for transport or transport by passenger carrying road vehicle or passenger carrying railway vehicle dangerous goods that exceed the quantity limit. Dangerous goods exceed the quantity limit if *SOR/2014-306*

- (a) in the case of a solid, they have a mass that is greater than the number when that number is expressed in kilograms;
- (b) in the case of a liquid, they have a volume that is greater than the number when that number is expressed in litres;
- (c) in the case of a gas, including a gas in a liquefied form, they are contained in a means of containment the capacity of which is greater than the number when that number is expressed in litres; and *SOR/2016-95*
- (d) in the case of an explosive
- (i) not subject to special provision 85 or 86, they have a net explosives quantity that is greater than the number when that number is expressed in kilograms, or
- (ii) subject to special provision 85 or 86, they exceed 100 articles.

*SOR/2008-34*

- (3) If a quantity limit in column 8 or 9 of Schedule 1 conflicts with any other quantity limit in these Regulations, other than a quantity limit in special provisions, the quantity limit in that column takes precedence.

*SOR/2008-34*

## **1.7 Safety Requirements, Documents, Safety Marks**

As provided for in section 5 of the Act, a person must not handle, offer for transport, transport or import dangerous goods unless

- (a) the person complies with all applicable prescribed safety requirements;
- (b) the dangerous goods are accompanied by all applicable prescribed documents; and
- (c) the means of containment and transport comply with all applicable prescribed safety standards and display all applicable prescribed safety marks.

## **1.8 Prohibition: Explosives**

A person must not handle, offer for transport or transport dangerous goods by any means of transport if the dangerous goods are explosives and

- (a) are in direct contact with a large means of containment, except when the explosives are to be transported by road vehicle in quantities that are allowed for the explosives in section 9.5, Part 9, Road, in Schedule 1 or in any special provision in Schedule 2; or *SOR/2012-245*
- (b) are also radioactive materials.

## **1.9 *Repealed SOR/2017-137***

## **1.10 *Repealed SOR/2014-152***

### **1.11 Use of 49 CFR for Non-regulated Dangerous Goods**

When a substance is regulated in the United States by 49 CFR but is not regulated in Canada by these Regulations, a person may transport the substance between Canada and the United States by road vehicle or railway vehicle in accordance with all or part of 49 CFR.

*This means that, for example, the safety marks displayed in accordance with 49 CFR would not be considered misleading.*

### **1.12 Evidence: Safety Marks, Prescribed Documents**

As provided for in section 42 of the Act, in any prosecution for an offence, evidence that a means of containment or transport bore a safety mark or was accompanied by a prescribed document is, in the absence of evidence to the contrary, proof of the information shown or indicated by the safety mark or contained in the prescribed document.

### **1.13 Defence: Due Diligence**

As provided for in section 40 of the Act, a person must not be found guilty of an offence if it is established that the person took all reasonable measures to comply with the Act or to prevent the commission of the offence.

### **1.14 Repealed SOR/2002-306**

## Special Cases

*A number of the following sections provide exemptions for dangerous goods based on the gross mass of the dangerous goods. When appropriate, the text ensures that the exemption applies to the total of the gross masses of all of the dangerous goods on the means of transport. This means that a person who takes advantage of section 1.15 to transport 150 kg gross mass of dangerous goods on a road vehicle could not also claim the 500 kg gross mass exemption set out in section 1.16 when adding an additional 450 kg gross mass of dangerous goods (whether or not they are the same dangerous goods). Indeed, were the 450 kg gross mass added, none of the resulting 600 kg gross mass could be claimed under either the 150 kg gross mass exemption or the 500 kg gross mass exemption.*

*SOR/2008-34*

*Similarly, a person who takes advantage of an exemption set out in section 1.16 to transport 300 kg gross mass of flammable liquids on a road vehicle cannot, when adding an additional 350 kg gross mass of corrosives, claim any of the resulting 650 kg gross mass as exempted under section 1.15 or 1.16. .*

*SOR/2008-34*

### **1.15 150 kg Gross Mass Exemption**

*SOR/2008-34*

- (1) Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training) and Part 8 (Reporting Requirements) do not apply to the handling, offering for transport or transporting of dangerous goods on a road vehicle, a railway vehicle or a ship on a domestic voyage if

*SOR/2016-95*

- (a) in the case of

- (i) dangerous goods included in Class 2, Gases, they are in one or more small means of containment in compliance with the requirements for transporting gases in Part 5 (Means of Containment), except that, in the case of dangerous goods that are UN1950, AEROSOLS, or UN2037, GAS CARTRIDGES, the requirement in section 8.1.7 of CGSB-43.123 that aerosol containers and gas cartridges be tightly packed in a strong outer packaging does not apply, or  
*SOR/2016-95*
- (ii) dangerous goods not included in Class 2, Gases, they are in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety;  
*SOR/2008-34*

- (b) except for dangerous goods included in Class 2, Gases, the dangerous goods are contained in one or more means of containment each of which has a gross mass less than or equal to 30 kg;

*SOR/2011-239*

- (c) the gross mass of all dangerous goods

- (i) transported on the road vehicle or the railway vehicle is less than or equal to 150 kg, and
- (ii) transported on the ship on a domestic voyage is less than or equal to 150 kg, excluding dangerous goods in a road vehicle or railway vehicle being transported on the ship; and

*SOR/2011-239*

- (d) the dangerous goods are in a quantity or concentration available to the general public and are transported

- (i) by a user or purchaser of the dangerous goods, or
- (ii) by a retailer to or from a user or purchaser of the dangerous goods.

*SOR/2011-239*

- (2) Subsection (1) does not apply to dangerous goods that
- (a) are in a quantity or concentration that requires an emergency response assistance plan;
  - (b) require a control or emergency temperature
  - (c) are included in Class 1, Explosives, except for UN numbers UN0012, UN0014, UN0044, UN0055, UN0105, UN0131, UN0161, UN0173, UN0186, UN0191, UN0197, UN0276, UN0312, UN0323, UN0335 if classified as a consumer firework, UN0336, UN0337, UN0351, UN0373, UN0378, UN0404, UN0405, UN0431, UN0432, UN0454, UN0499, UN0501, UN0503, UN0505 to UN0507, UN0509 and UN0510;  
*SOR/2017-137*
  - (d) are included in Class 2.1, Flammable Gases, and are in a cylinder with a capacity greater than 46 L;
  - (e) are included in Class 2.3, Toxic Gases;
  - (f) are included in Class 4, Flammable Solids; Substances Liable to Spontaneous Combustion; Substances that on Contact with Water Emit Flammable Gases (Water-reactive Substances); and in Packing Group I;  
*SOR/2012-245*
  - (g) are included in Class 5.2, Organic Peroxides, unless they are allowed to be transported as limited quantities in accordance with section 1.17 and column 6(a) of Schedule 1;  
*SOR/2014-306*
  - (h) are liquids included in Class 6.1, Toxic Substances, and Packing Group I;
  - (i) are included in Class 6.2, Infectious Substances; or
  - (j) are included in Class 7, Radioactive Materials, and are required to be licensed by the Canadian Nuclear Safety Commission.
- SOR/2008-34*

## 1.16 500 kg Gross Mass Exemption

*SOR/2008-34*

- (1) Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks) and Part 5 (Means of Containment) do not apply to the handling, offering for transport or transporting of dangerous goods on a road vehicle, a railway vehicle or a ship on a domestic voyage if
- (a) in the case of
    - (i) dangerous goods included in Class 2, Gases, they are in one or more small means of containment in compliance with the requirements for transporting gases in Part 5, Means of Containment, or
      - (ii) dangerous goods not included in Class 2, Gases, they are in one or more means of containment
        - (A) each of which has a gross mass less than or equal to 30 kg and that is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety, or
          - (B) that are drums in compliance with the requirements of section 5.12 of Part 5, Means of Containment, for transporting dangerous goods in drums;
    - (b) the gross mass of all dangerous goods
      - (i) transported on the road vehicle or the railway vehicle is less than or equal to 500 kg, and
        - (ii) transported on the ship on a domestic voyage is less than or equal to 500 kg, excluding the dangerous goods in a road vehicle or railway vehicle being transported on the ship;
    - (c) each means of containment has displayed on one side, other than a side on which it is intended to rest or to be stacked during transport,
      - (i) the dangerous goods safety marks required by Part 4, Dangerous Goods Safety Marks, or
        - (ii) for dangerous goods, other than dangerous goods included in Class 2, Gases, the shipping name of the dangerous goods and the marks required for them in one of the following Acts and regulations, as long as those marks are legible and visible during handling and transporting in the same manner as dangerous goods safety marks:

- (A) the “Pest Control Products Act” and its regulations, or
  - (B) the “Hazardous Products Act” and its regulations;
- (d) the dangerous goods are accompanied by a shipping document or document that is located, for a road or railway vehicle or a ship, in accordance with the requirements for location of a shipping document in sections 3.7 to 3.9 of Part 3, Documentation; and
- (e) any document referred to in paragraph (d), other than a shipping document, includes the following information in the following order:

*SOR/2012-245*

- (i) the primary class of the dangerous goods, following the word “Class” or “Classe”, and
- (ii) the total number of means of containment, on which a dangerous goods safety mark is required to be displayed, for each primary class, following the words “number of means of containment” or “nombre de contenants”.

*For example,*

*Class 3, number of means of containment, 10  
Class 8, number of means of containment, 12*

*SOR/2008-34*

- (2) Subsection (1) does not apply to dangerous goods that

- (a) are in a quantity or concentration that requires an emergency response assistance plan;
- (b) require a control or emergency temperature;
- (c) are included in Class 1, Explosives, except for
  - (i) explosives included in Class 1.4S, or
  - (ii) UN numbers UN0191, UN0197, UN0276, UN0312, UN0336, UN0403, UN0431, UN0453 and UN0493;
- (d) are included in Class 2.1, Flammable Gases, and are in a cylinder with a capacity greater than 46 L;
- (e) are included in Class 2.3, Toxic Gases;
- (f) are included in Class 4, Flammable Solids; Substances Liable to Spontaneous Combustion; Substances that on Contact with Water Emit Flammable Gases (Water-reactive Substances); and in Packing Group I;  
*SOR/2012-245*
- (g) are included in Class 5.2, Organic Peroxides, unless they are allowed to be transported as limited quantities in accordance with section 1.17 and column 6(a) of Schedule 1;  
*SOR/2014-306*
- (h) are liquids included in Class 6.1, Toxic Substances, and Packing Group I;
- (i) are included in Class 6.2, Infectious Substances; or
- (j) are included in Class 7, Radioactive Materials, and are required to be licensed by the Canadian Nuclear Safety Commission.

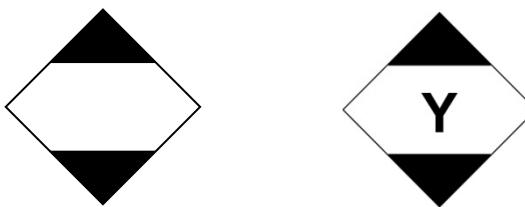
*SOR/2008-34*

## **1.17 Limited Quantities Exemption**

*SOR/2008-34*

- (1) A quantity of dangerous goods, other than explosives, is a limited quantity if
- (a) the dangerous goods are in one or more means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety; and

- (b) each outer means of containment has a gross mass that is less than or equal to 30 kg and the dangerous goods in the inner means of containment
  - (i) if solids, have a mass that is less than or equal to the number shown in column 6(a) of Schedule 1, when that number is expressed in kilograms,  
*SOR/2014-306*
  - (ii) if liquids, have a volume that is less than or equal to the number shown in column 6(a) of Schedule 1, when that number is expressed in litres, or  
*SOR/2014-306*
  - (iii) if gases, including a gas in a liquefied form, are contained in one or more means of containment each of which has a capacity less than or equal to the number shown in column 6(a) of Schedule 1, when that number is expressed in litres.  
*SOR/2014-306*
- (2) Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training), Part 7 (Emergency Response Assistance Plan) and Part 8 (Reporting Requirements) do not apply to the handling, offering for transport or transporting of limited quantities of dangerous goods on a road vehicle, a railway vehicle or a ship on a domestic voyage if each means of containment is legibly and durably marked on one side, other than a side on which it is intended to rest or to be stacked during transport, with the mark illustrated in subsection (5).  
*SOR/2016-95*
- (3) When a limited quantity of dangerous goods is in a means of containment that is inside another means of containment, the inner means of containment is not required to be marked if
  - (a) the gross mass of the outer means of containment is less than or equal to 30 kg;
  - (b) the outer means of containment is not intended to be opened during transport; and
  - (c) the outer means of containment is legibly and visibly marked, on a contrasting background, with the mark illustrated in subsection (5).
- (4) When a limited quantity of dangerous goods is in a means of containment that is inside an overpack, the following information must be displayed on the overpack unless the marks on the small means of containment are visible through the overpack:
  - (a) the word “Overpack” or “Suremballage”; and
  - (b) the mark illustrated in subsection (5), legibly and visibly marked on a contrasting background.
- (5) The mark is a square on point, and the line forming the square on point must be at least 2 mm wide. The top and bottom portions must be black and the central portion must be white or a contrasting colour. Each side of the mark must be at least 100 mm long. The letter “Y” may be displayed in the centre of the mark if the limited quantity is in compliance with the ICAO Technical Instructions. If the size of the means of containment so requires, the length of each side may be reduced to not less than 50 mm, provided that the mark remains clearly visible.



- (6) Until December 31, 2020, instead of being marked with the mark illustrated in subsection (5), a means of containment may have displayed on it
  - (a) the words “Limited Quantity” or “quantité limitée”;
  - (b) the abbreviation “Ltd. Qty.” or “quant. ltée”;

- (c) the words “Consumer Commodity” or “bien de consommation”; or
  - (d) the UN number of each limited quantity of dangerous goods preceded by the letters “UN”, placed within a square on point.
- (7) For the purposes of paragraph 6(d), the line forming the square on point must be black and be at least 2 mm wide. If the dangerous goods have different UN numbers, the square on point must be large enough to include each UN number, but in any case each side must be not less than 50 mm long. The UN numbers and letters must be at least 6 mm high. The line, UN numbers and letters must be on a contrasting background.

SOR/2014-159

### **1.17.1 Excepted Quantities Exemption**

SOR/2014-306

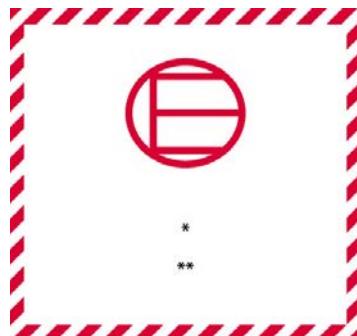
- (1) A quantity of dangerous goods, other than explosives, is an excepted quantity if
  - (a) the dangerous goods are in an inner means of containment and an outer means of containment that are designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety;
  - (b) any of the dangerous goods in the inner means of containment,
    - (i) if solids, have a mass that is less than or equal to the number shown in column 1 of the table to subsection (2) for the corresponding alphanumeric code in column 6(b) of Schedule 1, when that number is expressed in grams,
    - (ii) if liquids, have a volume that is less than or equal to the number shown in column 1 of the table to subsection (2) for the corresponding alphanumeric code in column 6(b) of Schedule 1, when that number is expressed in millilitres, or
    - (iii) if gases, including a gas in a liquefied form, are contained in one or more means of containment each of which has a capacity less than or equal to the number shown in column 1 of the table to subsection (2) for the corresponding alphanumeric code in column 6(b) of Schedule 1, when that number is expressed in millilitres; and
  - (c) any of the dangerous goods in the outer means of containment,
    - (i) if solids, have a mass that is less than or equal to the number shown in column 2 of the table to subsection (2) for the corresponding alphanumeric code in column 6(b) of Schedule 1, when that number is expressed in grams,
    - (ii) if liquids, have a volume that is less than or equal to the number shown in column 2 of the table to subsection (2) for the corresponding alphanumeric code in column 6(b) of Schedule 1, when that number is expressed in millilitres, or
    - (iii) if gases, including a gas in a liquefied form, are contained in one or more means of containment each of which has a capacity less than or equal to the number shown in column 2 of the table to subsection (2) for the corresponding alphanumeric code in column 6(b) of Schedule 1, when that number is expressed in millilitres.
- (2) When dangerous goods in excepted quantities for which different alphanumeric codes are assigned are together in an outer means of containment, the total quantity of dangerous goods must not exceed the lowest maximum net quantity per outer means of containment that is set out in column 2 of the table to this subsection for any of the dangerous goods.

**Table  
Excepted Quantities**

Alphanumeric Code	Column 1  Maximum net quantity per inner means of containment (in g for solids and mL for liquids and gases)	Column 2  Maximum net quantity per outer means of containment (in g for solids and mL for liquids and gases, or sum of g and mL in the case of mixed packing)
E0	Not permitted as Excepted Quantity	
E1	30	1000
E2	30	500
E3	30	300
E4	1	500
E5	1	300

- (3) Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training), Part 7 (Emergency Response Assistance Plan) and Part 8 (Reporting Requirements) do not apply to the handling, offering for transport or transporting of dangerous goods in excepted quantities if each means of containment is marked on one side, other than a side on which it is intended to rest or to be stacked during transport, with the excepted quantities mark illustrated below.
- SOR/2016-95*

**EXCEPTED QUANTITIES MARK**



Black or red:

Hatching around edge of square and symbol

White (or a colour that contrasts, as applicable, with black or red): Background

Size: Square, and each side must be at least 100 mm

The symbol is a stylized capital E enclosed in a circle and all three cross bars of the letter E must touch the perimeter of the circle

Replace \* with the primary class

Replace \*\* with the name of the consignor or the consignee

- (4) When dangerous goods in excepted quantities are in a means of containment that is inside an overpack, the following information must be displayed on the overpack, unless that information is on the means of containment and is visible through the overpack:
  - (a) the word “Overpack” or “Suremballage”; and
  - (b) the mark illustrated in subsection (3).
- (5) The number of outer means of containment containing dangerous goods in excepted quantities on a road vehicle, a railway vehicle or an intermodal container must not exceed 1 000.
- (6) When dangerous goods in excepted quantities are in an inner means of containment that is inside an outer means of containment, the inner means of containment is not required to be marked in accordance with subsection (3) if
  - (a) the outer means of containment is not intended to be opened during transport; and
  - (b) the outer means of containment is marked, legibly and visibly on a contrasting background, with the mark illustrated in that subsection.
- (7) If a shipping document or any other document accompanies dangerous goods in excepted quantities, the document must include the words “dangerous goods in excepted quantities” or “marchandises dangereuses en quantités exceptées” and must indicate the number of outer means of containment.
- (8) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2, (Classification), do not apply to the handling, offering for transport or transporting of dangerous goods in excepted quantities that are assigned to alphanumeric codes E1, E2, E4 and E5 in column 6(b) of Schedule 1 if
  - (a) the net quantity of the dangerous goods per inner means of containment is less than or equal to 1 g for solids or 1 mL for liquids and gases; and
  - (b) the net quantity of the dangerous goods per outer means of containment is less than or equal to 100 g for solids or 100 mL for liquids and gases.

*SOR/2014-306*

#### **1.18 Medical Device or Article**

These Regulations do not apply to the transport on a road vehicle, a railway vehicle or a ship on a domestic voyage of *SOR/2002-306*

- (a) a medical device, wheelchair or medical article if  
*SOR/2022-245*
  - (i) the medical device is attached to or implanted in an individual or an animal, or  
*SOR/2008-34*
  - (ii) the wheelchair or medical article is in transport and is intended for the personal use of a specific individual,  
*SOR/2008-34*
- (b) a radio-pharmaceutical that has been injected in or ingested by an individual or an animal.  
*SOR/2002-306*

#### **1.19 Samples for Inspection or Investigation Exemption**

*SOR/2008-34*

These Regulations do not apply to samples of goods, including forensic samples, that are reasonably believed to be dangerous goods if, for the purposes of inspection or investigation duties under an Act of Parliament or of a provincial legislature, the samples are

- (a) in transport under the direct supervision of a federal, provincial or municipal government employee acting in the course of employment; and

- (b) in one or more means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety.

*SOR/2008-34*

#### **1.19.1 Samples Classifying, Analysing or Testing Exemption**

*SOR/2008-34*

Part 2 (Classification), Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training) and Part 7 (Emergency Response Assistance Plan) do not apply to samples of goods that the consignor reasonably believes to be dangerous goods, but the classification or the exact chemical composition of the goods is unknown and cannot be readily determined if

- (a) in the case of
- (i) samples that are reasonably believed to be a gas, including a gas in a liquefied form, they are in one or more means of containment in compliance with the requirements for transporting gases in Part 5, Means of Containment, or
  - (ii) samples that are reasonably believed not to be a gas, they are in one or more means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety;
- (b) the samples are in transport for the purposes of classifying, analysing or testing;
- (c) the samples are believed not to contain explosives, infectious substances or radioactive materials;
- (d) the dangerous goods are contained in one or more means of containment each of which has a gross mass less than or equal to 10 kg;
- (e) the samples are accompanied by a document that includes the name and address of the consignor and the words “test samples” or “échantillons d'épreuve”; and
- (f) each means of containment has marked on it the words “test samples” or “échantillons d'épreuve” and the words are legible and displayed on a contrasting background.

*SOR/2008-34*

#### **1.19.2 Samples Demonstration Exemption**

Part 3, Documentation, and Part 4, Dangerous Goods Safety Marks, do not apply to samples of dangerous goods if

- (a) in the case of
- (i) samples included in Class 2, Gases, they are in one or more means of containment in compliance with the requirements for transporting gases in Part 5, Means of Containment, or
  - (ii) samples not included in Class 2, Gases, they are in one or more means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety;
- (b) the samples are in transport for demonstration purposes;
- (c) the samples are in the custody of an agent of the manufacturer or distributor who is acting in the course of employment;
- (d) the samples are not for sale;
- (e) the samples are not transported in a passenger carrying road vehicle, a passenger carrying railway vehicle, a passenger carrying aircraft or a passenger carrying ship other than a short-run ferry;
- (f) the dangerous goods are contained in one or more means of containment each of which has a gross mass less than or equal to 10 kg; and
- (g) each means of containment has marked on it the words “demonstration samples” or “échantillons de démonstration” and the words are legible and displayed on a contrasting background.

*SOR/2008-34*

## 1.20 National Defence

*SOR/2003-273*

For the purposes of paragraph 3(4)(a) of the Act, any activity or thing related to the transportation of dangerous goods is under the sole direction or control of the Minister of National Defence if the dangerous goods are in or on a means of transport

- (a) owned and operated by the Department of National Defence or operated on behalf of the Department of National Defence by
  - (i) an employee of the Department of National Defence,
  - (ii) a member of the Canadian Forces, or
  - (iii) civilian personnel who are not employed by the Department of National Defence if the means of transport is accompanied at all times by, and is under the direct responsibility of, an employee of the Department of National Defence or a member of the Canadian Forces;
- (b) owned and operated by the military establishment of a member country of the North Atlantic Treaty Organization or operated on behalf of such an establishment by
  - (i) military or civilian personnel of that establishment, or
  - (ii) civilian personnel who are not employed by that establishment if the means of transport is accompanied at all times by, and is under the direct responsibility of, military or civilian personnel of that establishment; or
- (c) owned and operated by the military establishment of another country under an agreement with the Department of National Defence or operated on behalf of such an establishment by
  - (i) military or civilian personnel of that establishment, or
  - (ii) civilian personnel who are not employed by that establishment if the means of transport is accompanied at all times by, and is under the direct responsibility of, military or civilian personnel of that establishment.

## 1.21 Agriculture: 1 500 kg Gross Mass Farm Vehicle Exemption

*SOR/2008-34*

- (1) Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment) and Part 6 (Training) do not apply to the handling, offering for transport or transporting of dangerous goods on a road vehicle licensed as a farm vehicle if
  - (a) in the case of
    - (i) dangerous goods included in Class 2, Gases, they are in one or more means of containment in compliance with the requirements for transporting gases in Part 5, Means of Containment, or
    - (ii) dangerous goods not included in Class 2, Gases, they are in one or more means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety;
  - (b) the gross mass of all dangerous goods on the road vehicle is less than or equal to 1 500 kg;
  - (c) the dangerous goods are to be or have been used by a farmer for farming purposes;
  - (d) the dangerous goods are transported solely on land and the distance on public roads is less than or equal to 100 km; and
  - (e) the dangerous goods do not include
    - (i) Class 1, Explosives, other than explosives included in Class 1.4S,
    - (ii) Class 2.1, Flammable Gases, in a cylinder with a capacity greater than 46 L,
    - (iii) Class 2.3, Toxic Gases,
    - (iv) Class 6.2, Infectious Substances, or
    - (v) Class 7, Radioactive Materials.

*SOR/2008-34*

- (2) Despite the exemption from Part 3, Documentation, in subsection (1), when an emergency response assistance plan is required under Part 7, Emergency Response Assistance Plan, the dangerous goods for which the plan is required must be accompanied by a shipping document.

*SOR/2008-34*

#### **1.22 Agriculture: 3 000 kg Gross Mass Farm Retail Exemption**

*SOR/2008-34*

- (1) Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks) and Part 5 (Means of Containment) do not apply to the handling, offering for transport or transporting of dangerous goods on a road vehicle if

- (a) in the case of
- (i) dangerous goods included in Class 2, Gases, they are in one or more means of containment in compliance with the requirements for transporting gases in Part 5, Means of Containment, or
  - (ii) dangerous goods not included in Class 2, Gases, they are in one or more means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety;
- (b) the dangerous goods are transported solely on land between a retail place of purchase and place of destination and the distance on public roads is less than or equal to 100 km;
- (c) the gross mass of all dangerous goods on the road vehicle is less than or equal to 3 000 kg;
- (d) the dangerous goods are to be or have been used by a farmer for farming purposes; and
- (e) the dangerous goods do not include
- (i) Class 1, Explosives, other than explosives included in Class 1.4S,
  - (ii) Class 2.1, Flammable Gases, in a cylinder with a capacity greater than 46 L,
  - (iii) Class 2.3, Toxic Gases,
  - (iv) Class 6.2, Infectious Substances, or
  - (v) Class 7, Radioactive Materials.

*SOR/2008-34*

- (2) Despite the exemption from Part 3, Documentation, in subsection (1), when an emergency response assistance plan is required under Part 7, Emergency Response Assistance Plan, the dangerous goods for which the plan is required must be accompanied by a shipping document.

*SOR/2008-34*

#### **1.23 Agriculture: Pesticide Exemption**

- (1) Part 3, Documentation, the requirements for the display of a UN number in section 4.15 of Part 4, Dangerous Goods Safety Marks, and Part 6, Training, do not apply to a solution of pesticides in transport on a road vehicle if

- (a) the dangerous goods are transported solely on land for a distance less than or equal to 100 km;
- (b) the dangerous goods are in a large means of containment that
- (i) has a capacity that is less than or equal to 6 000 L, and
- SOR/2008-34*
- (ii) is used to prepare the dangerous goods for application or to apply the dangerous goods; and
- (c) only one large means of containment containing the solution of pesticides is in transport on the road vehicle.

- (2) Despite the exemption for documentation in subsection (1), when an emergency response assistance plan is required under Part 7, Emergency Response Assistance Plan, the dangerous goods must be accompanied by a shipping document.

## **1.24 Agriculture: Anhydrous Ammonia Exemption**

*SOR/2008-34*

Part 3, Documentation, and Part 7, Emergency Response Assistance Plan, do not apply to UN1005, ANHYDROUS AMMONIA, if it is

- (a) in transport solely on land and the distance on public roads is less than or equal to 100 km; and
- (b) in a large means of containment with a capacity that is less than or equal to 10 000 L and is used for the field application of anhydrous ammonia.

*SOR/2008-34*

## **1.25 Transportation within a Facility**

These Regulations do not apply to dangerous goods that are transported solely within a manufacturing or processing facility to which public access is controlled.

## **1.26 Emergency Response Exemption**

*SOR/2008-34*

These Regulations do not apply to dangerous goods that are in quantities necessary to respond to an emergency that endangers public safety and that are in transport in a means of transport that is dedicated to emergency response, unless the dangerous goods are forbidden for transport in Schedule 1, Schedule 3 or, for transport by aircraft, the ICAO Technical Instructions.

*SOR/2008-34*

## **1.27 Operation of a Means of Transport or a Means of Containment Exemption**

*SOR/2008-34*

- (1) These Regulations do not apply to dangerous goods on a means of transport that are required for
  - (a) the propulsion of the means of transport and that are
    - (i) intended to remain on the means of transport until used, and
    - (ii) contained in a fuel tank permanently installed on the means of transport;
  - (b) the safety of individuals on board the means of transport;
  - (c) the operation or safety of the means of transport including, while installed in the means of transport and used or likely to be used for purposes related to transport, air bags, air brakes, flares, lighting, shock absorbers or fire extinguishers; or
  - (d) ventilation, refrigeration or heating units that are necessary to maintain environmental conditions within a means of containment in transport on the means of transport and are intended to remain with the units or on the means of transport until used.

*SOR/2008-34*

- (2) The exemption in subsection (1) does not apply to
  - (a) ammunition; or
  - (b) dangerous goods being delivered to a destination and from which a portion is drawn off during transport for propulsion of the means of transport.

*Paragraph (b) is intended to exclude from this exemption dangerous goods that are in transport on a means of transport and from which a portion is used to propel the means of transport. An example is a tank truck delivering liquefied natural gas that uses part of that load of gas to propel the vehicle.*

*SOR/2008-34*

## 1.28 Transportation between Two Properties

These Regulations do not apply to dangerous goods, other than Class 1, Explosives, or Class 7, Radioactive Materials, that are in transport on a road vehicle between two properties owned or leased by the manufacturer, producer or user of the dangerous goods if *SOR/2008-34*

- (a) the dangerous goods are transported a distance less than or equal to 3 km on a public road;
- (b) the road vehicle has displayed on it
  - (i) the placard for the primary class of each of the dangerous goods, or  
*SOR/2008-34*
  - (ii) the DANGER placard;
- (c) the dangerous goods are in one or more means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety; and  
*SOR/2008-34*
- (d) the local police are advised, in writing, of the nature of the dangerous goods no more than 12 months in advance of the transport. *SOR/2008-34*

**Table**

Province	Authority
Alberta	the local police and the appropriate provincial authority at 1-800-272-9600
British Columbia	the local police and the Public Emergency Programme at 1-800-663-3456
Manitoba	the Department of Conservation at (204) 945-4888 and either the local police or fire department
New Brunswick	the local police or 1-800-565-1633
Newfoundland	the local police and the Canadian Coast Guard at (709) 772-2083;
Northwest Territories	the appropriate authorities at (867) 920-8130
Nova Scotia	the local police or 1-800-565-1633 or (902) 426-6030
Nunavut Territory	the local police and the Nunavut Emergency Services at 1-800-693-1666
Ontario	the local police
Prince Edward Island	the local police or 1-800-565-1633
Quebec	the local police
Saskatchewan	the local police or 1-800-667-7525
Yukon Territory	the appropriate authorities at (867) 667-7244

## 1.29 Repealed *SOR/2017-137*

## 1.30 Marine: Short-run Ferry Exemption

*SOR/2008-34*

The requirements of these Regulations that relate solely to the handling, offering for transport or transporting of dangerous goods by ship do not apply to dangerous goods in transport on a road vehicle or railway vehicle that is being transported on board a short-run ferry.

*SOR/2008-34*

### **1.31 Class 1, Explosives Exemption**

*SOR/2008-34*

Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 6 (Training), Part 9 (Road) and Part 10 (Rail) do not apply to the handling, offering for transport or transporting on a road vehicle or a railway vehicle dangerous goods included in Class 1, Explosives, if

- (a) the quantity of all the explosives in the road vehicle or railway vehicle that are not subject to special provision 85 or 86, expressed in net explosives quantity, is less than or equal to the number shown in column 6(a) of Schedule 1 for each of the explosives;

*SOR/2014-306*

*For the purpose of this explanation, suppose the explosives have net explosives quantities NEQ1, NEQ2, NEQ3, etc. and have UN numbers NUM1, NUM2, NUM3, etc. The requirements of this section are met if the total net explosives quantity of all the explosives taken together (NEQ1+NEQ2+NEQ3+etc.) is less than or equal to the number in column 6(a) of Schedule 1 for NUM1, and is also less than or equal to the number in column 6(a) of Schedule 1 for NUM2 and is also less than or equal to the number in column 6(a) of Schedule 1 for NUM3, etc.*

*SOR/2014-306*

- (b) the quantity of all the explosives in the road vehicle or railway vehicle that are subject to special provision 85 or 86, expressed in number of articles, is less than or equal to the number shown in special provision 85 or 86 for each of the explosives;

*For the purpose of this explanation, suppose the explosives have number of articles NB1, NB2, NB3, etc. and have UN numbers NUM1, NUM2, NUM3, etc. This section is satisfied if the total number of articles of all the explosives taken together (NB1+NB2+NB3+etc.) is less than or equal to the number shown in special provision 85 or 86 for NUM1, and is also less than or equal to the number shown in special provision 85 or 86 for NUM2, and is also less than or equal to the number shown in the special provision for NUM3, etc.*

- (c) each means of containment has displayed on it the class, compatibility group and UN number of the explosives contained inside it; and
- (d) a placard is displayed in accordance with Part 4, Dangerous Goods Safety Marks, if the explosives are included in Class 1.1, 1.2, 1.3 or 1.5

*SOR/2014-159*

(i) in any quantity exceeding 10 kg net explosives quantity, or

(ii) in any number of articles exceeding 1 000 for explosives subject to special provision 85 or 86.

### **1.32 Class 2, Gases, or Ammonia Solutions (Class 8) in Refrigerating Machines Exemption**

*SOR/2012-245*

Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training), Part 7 (Emergency Response Assistance Plan), Part 8 (Reporting Requirements), Part 9 (Road) and Part 10 (Rail) do not apply to UN2857, REFRIGERATING MACHINES, and refrigerating machine components, containing Class 2.2, Non-flammable, Non-toxic gases or UN2672, AMMONIA SOLUTIONS, if the quantity of gas has a mass that is less than or equal to 12 kg and the quantity of ammonia solutions is less than or equal to 12 L.

*SOR/2016-95*

*Refrigerating machines include air conditioning units and machines or other appliances designed for the specific purpose of keeping food or other items at a low temperature in an internal compartment.*

*SOR/2008-34*

#### **1.32.1 Class 2, Gases, That May Be Identified as UN1075, LIQUEFIED PETROLEUM GAS**

*SOR/2008-34*

- (1) The following dangerous goods may be identified by the UN number UN1075 and the shipping name LIQUEFIED PETROLEUM GASES instead of the UN number and shipping name identified for them:

*SOR/2012-245*

- (a) UN1011, BUTANE;
- (b) UN1012, BUTYLENE;

- (c) UN1055, ISOBUTYLENE;
- (d) UN1077, PROPYLENE;
- (e) UN1969, ISOBUTANE; and
- (f) UN1978, PROPANE.

*SOR/2008-34*

- (2) The shipping name of the dangerous goods listed in paragraphs (1)(a) to (f) may be shown on the shipping document, in parentheses, following the words LIQUEFIED PETROLEUM GASES.

*SOR/2012-245*

- (3) If either UN1077, PROPYLENE, or UN1978, PROPANE, is to be transported on a road vehicle or railway vehicle on board a ship and is identified as LIQUEFIED PETROLEUM GASES on the shipping document in accordance with subsection (1), the shipping name PROPYLENE or PROPANE, as appropriate, must be shown on the shipping document, in parentheses, following the words LIQUEFIED PETROLEUM GASES.

*SOR/2012-245*

### **1.32.2 Class 2, Gases, Absolute Pressure between 101.3 kPa and 280 kPa**

*SOR/2012-245*

Gases that are at an absolute pressure between 101.3 kPa and 280 kPa at 20°C, other than gases included in Class 2.1 or Class 2.3, may be handled, offered for transport or transported on a road vehicle, a railway vehicle or a ship on a domestic voyage as Class 2.2, Non-flammable, Non-toxic gas. In that case, the requirements of these Regulations that relate to gases included in Class 2.2 must be complied with.

*SOR/2012-245*

### **1.32.3 Class 2, Gases, in Small Means of Containment Exemption**

*SOR/2008-34*

Part 3, Documentation, and Part 6, Training, do not apply to dangerous goods that are transported in one or more small means of containment on a road vehicle solely on land if

- (a) the dangerous goods are
  - (i) UN1001, ACETYLENE, DISSOLVED,
  - (ii) UN1002, AIR, COMPRESSED,
  - (iii) UN1006, ARGON, COMPRESSED,
  - (iv) UN1013, CARBON DIOXIDE,
  - (v) UN1060, METHYLACETYLENE AND PROPADIENE MIXTURE, STABILIZED,
  - (vi) UN1066, NITROGEN, COMPRESSED,
  - (vii) UN1072, OXYGEN, COMPRESSED, or
  - (viii) UN1978, PROPANE;
- (b) the dangerous goods are contained in no more than five small means of containment;
- (c) the gross mass of the dangerous goods is less than or equal to 500 kg; and
- (d) the labels displayed on the small means of containment can be seen from outside the road vehicle.

*SOR/2008-34*

### **1.33 Class 3, Flammable Liquids: General Exemption**

*SOR/2008-34*

Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training), Part 7 (Emergency Response Assistance Plan), Part 9 (Road) and Part 10 (Rail) do not apply to the handling, offering for transport or transporting of dangerous goods included in Class 3, Flammable Liquids, on a road vehicle, a railway vehicle or a ship on a domestic voyage if the dangerous goods

- (a) have no subsidiary class;

- (b) are included in Packing Group III and have a flash point greater than 37.8°C; and
- (c) are in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety.

*SOR/2008-34*

#### **1.34 Class 3, Flammable Liquids, Flash Point Greater Than 60°C but Less Than or Equal to 93°C**

*SOR/2008-34*

- (1) Despite section 6.1 of the Act and section 4.2 of Part 4 (Dangerous Goods Safety Marks) of these Regulations, substances that have a flash point greater than 60°C but less than or equal to 93°C may be transported on a road vehicle, on a railway vehicle or on a ship on a domestic voyage as Class 3, Flammable Liquids, Packing Group III. In that case, and subject to subsection (2), the requirements of these Regulations that relate to flammable liquids that have a flash point less than or equal to 60°C must be complied with.

*SOR/2015-100*

- (2) When substances that have a flash point greater than 60°C but less than or equal to 93°C are transported in accordance with subsection (1), sections 5.14.1 to 5.15.6 and 5.15.11 of Part 5 (Means of Containment) do not apply in respect of a railway vehicle that transports the substances, and an emergency response assistance plan is not required for the substances under subsection 7.1(6) of Part 7 (Emergency Response Assistance Plan).

*SOR/2015-100*

##### **1.34.1 *Repealed* SOR/2017-137**

#### **1.35 UN1202, DIESEL FUEL, or UN1203, GASOLINE, Exemption**

*SOR/2008-34*

Part 3 (Documentation), the UN number requirements in section 4.12 and 4.15.2 of Part 4 (Dangerous Goods Safety Marks), and Part 6 (Training) do not apply to the offering for transport, handling or transporting on a road vehicle of dangerous goods that are UN1202, DIESEL FUEL or UN1203, GASOLINE, if

*SOR/2017-137*

- (a) the dangerous goods are in one or more means of containment, each of which is visible from outside the road vehicle and each of which has displayed on it
  - (i) the label or placard required for the dangerous goods by Part 4, Dangerous Goods Safety Marks, or
  - (ii) if a side or end of the means of containment is not visible from outside the road vehicle, the label or placard required for the dangerous goods by Part 4, Dangerous Goods Safety Marks, on a side or end that is visible from outside the road vehicle;
- (b) each means of containment is secured to the road vehicle so that the required label or at least one of the required placards displayed on it is visible from outside the road vehicle during transport; and
- (c) the total capacity of all the means of containment is less than or equal to 2 000 L.

*SOR/2008-34*

#### **1.36 Class 3, Flammable Liquids, Alcoholic Beverage and Aqueous Solution of Alcohol Exemption**

*SOR/2008-34*

Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training), Part 7 (Emergency Response Assistance Plan), Part 8 (Reporting Requirements), Part 9 (Road) and Part 10 (Rail) do not apply to the handling, offering for transport or transporting on a road vehicle, a railway vehicle or a ship on a domestic voyage of

*SOR/2016-95*

- (a) an alcoholic beverage if the alcoholic beverage
  - (i) contains alcohol that is less than or equal to 24 per cent by volume,
  - (ii) is included in Packing Group II and is in a means of containment with a capacity that is less than or equal to 5 L, or
  - (iii) is included in Packing Group III and is in a means of containment with a capacity that is less than or equal to 250 L; or

- (b) an aqueous solution of alcohol if the aqueous solution has a flash point greater than 23°C and
- (i) contains alcohol that is less than or equal to 50 per cent by volume and at least 50 per cent by volume of a substance that is not dangerous goods, and
  - (ii) is contained in a small means of containment.

*SOR/2008-34*

**1.37 Repealed SOR/2008-34**

**1.38 Polyester Resin Kit Exception**

*SOR/2008-34*

Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training), Part 7 (Emergency Response Assistance Plan), Part 8 (Reporting Requirements), Part 9 (Road) and Part 10 (Rail) do not apply to the handling, offering for transport or transporting of a polyester resin kit that consists of a substance included in Class 3, Packing Group II or III and a substance included in Class 5.2, Type D, E or F that does not require temperature control if

*SOR/2016-95*

- (a) the kit is in transport on a road vehicle, a railway vehicle or a ship on a domestic voyage;
- (b) the gross mass of the kit is less than or equal to 30 kg;
- (c) the quantity of Class 3 substance in the kit is less than or equal to
  - (i) 1 L for Packing Group II substances, and
  - (ii) 5 L for Packing Group III substances; and
- (d) the quantity of Class 5.2 substance in the kit is less than or equal to
  - (i) 125 mL for liquids, and
  - (ii) 500 g for solids.

**1.39 Class 6.2, Infectious Substances, UN3373, BIOLOGICAL SUBSTANCE, CATEGORY B Exemption**

*SOR/2014-159*

Part 3, Documentation, and Part 4, Dangerous Goods Safety Marks, except section 4.22.1, do not apply to the handling, offering for transport or transporting of infectious substances that are included in Category B if

*SOR/2014-159*

- (a) one external surface of the means of containment for the substances measures at least 100 mm × 100 mm;  
*SOR/2014-159*
- (b) the means of containment is in compliance with Part 5, Means of Containment, and has displayed on the external surface
  - (i) the mark illustrated in Part 4, Dangerous Goods Safety Marks, for infectious substances included in Category B, and
  - (ii) the shipping name, on a contrasting background, next to the mark in letters at least 6 mm high; and
- (c) the 24-hour telephone number required under paragraph 3.5(1)(f) is displayed next to the shipping name on the means of containment.

*SOR/2008-34*

**1.40 Repealed SOR/2008-34**

## **1.41 Biological Products Exemption**

*SOR/2008-34*

Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training), Part 7 (Emergency Response Assistance Plan) and Part 8 (Reporting Requirements) do not apply to the handling, offering for transport or transporting of biological products if they

*SOR/2016-95*

- (a) are prepared in accordance with the requirements set out under the “Food and Drugs Act”;
- (b) are in a means of containment that is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety; and
- (c) are in a means of containment that is marked with the words “Biological Product” or “Produit biologique” in black letters at least 6 mm high on a contrasting background.

*SOR/2017-137*

*SOR/2008-34*

## **1.42 Human or Animal Specimens Believed Not to Contain Infectious Substances Exemption**

*SOR/2008-34*

- (1) Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training), Part 7 (Emergency Response Assistance Plan) and Part 8 (Reporting Requirements) do not apply to the handling, offering for transport or transporting of human or animal specimens that a person has no reason to believe contain infectious substances.

*SOR/2016-95*

*Professional judgment is required to determine if a specimen is exempt under this section. Factors such as the known medical history, symptoms and individual circumstances of the source, human or animal, and endemic local conditions should be considered. Examples of specimens that may be transported under this section include*

- *blood or urine specimens to monitor cholesterol levels, blood glucose levels, hormone levels, prostate-specific antigens (PSA) or organ function;*
- *specimens to determine the presence of drugs or alcohol for insurance or employment purposes;*
- *pregnancy tests;*
- *biopsies to detect cancer; and*
- *specimens for antibody detection in humans or animals.*

*SOR/2008-34*

- (2) The human or animal specimens referred to in subsection (1) must be in a means of containment that is marked with the words “Exempt Human Specimen” or “spécimen humain exempté” or “Exempt Animal Specimen” or “spécimen animal exempté” and that is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the specimen.

*SOR/2017-137*

### **1.42.1 Tissues or Organs for Transplant Exemption**

*SOR/2008-34*

These Regulations do not apply to the handling, offering for transport or transporting of tissues or organs for transplant.

*SOR/2008-34*

#### **1.42.2 Blood or Blood Components Exemption**

*SOR/2008-34*

- (1) Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training), Part 7 (Emergency Response Assistance Plan) and Part 8 (Reporting Requirements) do not apply to the handling, offering for transport or transporting of blood or blood components that are intended for transfusion or for the preparation of blood products and are reasonably believed not to contain infectious substances.  
*SOR/2016-95*
- (2) The blood or blood components referred to in subsection (1) must be in a means of containment that is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the blood or blood components.  
*SOR/2017-137*

#### **1.42.3 Medical or Clinical Waste**

*SOR/2014-306*

*This exemption does not apply to medical waste containing infectious substances included in Category A.*

Part 3 (Documentation), sections 4.10 to 4.12 of Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training), Part 7 (Emergency Response Assistance Plan) and Part 8 (Reporting Requirements) do not apply to the offering for transport, handling, or transporting of dangerous goods that are medical waste or clinical waste if

*SOR/2017-137*

- (a) the dangerous goods are UN3291, (BIO) MEDICAL WASTE, N.O.S.;
- (b) the dangerous goods are in a means of containment that is in compliance with CGSB-43.125; and
- (c) the following information is displayed on the means of containment:
  - (i) the biohazard symbol; and
  - (ii) the word “BIOHAZARD” or “BIORISQUE”.

*SOR/2014-306*

#### **1.43 Class 7, Radioactive Materials Exemption**

*SOR/2008-34*

Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training), Part 7 (Emergency Response Assistance Plan), Part 9 (Road), Part 10 (Rail), Part 11 (Marine) and Part 12 (Air) do not apply to the handling, offering for transport or transporting of Class 7, Radioactive Materials, if the radioactive materials

- (a) satisfy the conditions in the “Packaging and Transport of Nuclear Substances Regulations” to be transported in an excepted package;
- (b) are in an excepted package; and
- (b) are accompanied by a document that includes the shipping name and UN number of the radioactive materials.

*SOR/2008-34*

#### **1.44 Residue of Dangerous Goods in a Drum Exemption**

*SOR/2014-152*

Part 2 (Classification), Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks) and Part 7 (Emergency Response Assistance Plan) do not apply to a residue of dangerous goods contained in a drum that is in transport on a road vehicle, a railway vehicle or a ship on a domestic voyage, except for dangerous goods included in Packing Group I or contained in a drum otherwise requiring a label for Class 1, 4.3, 6.2 or 7, if

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- (a) the drum has been emptied to the maximum extent possible in the course of normal use and is less than 10 per cent full;
- (b) the drum is being transported for the purpose of reconditioning or reuse in accordance with section 5.12 of Part 5, Means of Containment;

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- (c) when more than 10 drums are on the road vehicle or on the railway vehicle, the road vehicle or railway vehicle has displayed on it the DANGER placard in accordance with Part 4, Dangerous Goods Safety Marks; and  
*SOR/2002-306*
- (d) the drums are accompanied by a document that includes the following information:
  - (i) the primary class of each residue and the words “Residue Drum(s)” or “fût(s) de résidu” when the primary class can be reasonably determined, preceded by the number of drums containing dangerous goods with that primary class, and  
*SOR/2017-137*
  - (ii) the words “Residue Drum(s) – Content(s) Unknown” or “fût(s) de résidu – contenu inconnu” if there are any residues for which the primary class cannot be reasonably determined, preceded by the number of drums containing the residues.

*SOR/2008-34*

#### **1.45 Fumigation of Means of Containment**

These Regulations, except for subsection 3.5(3) of Part 3, Documentation, and section 4.21 of Part 4, Dangerous Goods Safety Marks, do not apply to a means of containment, or the contents of a means of containment, that is being fumigated with dangerous goods and that is in transport if the fumigant is the only dangerous goods in transport in the means of containment.

##### **1.45.1 Marine Pollutants Exemption**

*SOR/2008-34*

Part 3, Documentation, and Part 4, Dangerous Goods Safety Marks, do not apply to substances that are classified as marine pollutants in accordance with section 2.43 of Part 2, Classification, if they are in transport solely on land by road vehicle or railway vehicle. However, substances may be identified as marine pollutants on a shipping document and the required dangerous goods safety marks may be displayed when they are in transport by road or railway vehicle.

*SOR/2008-34*

#### **1.46 Miscellaneous Special Cases**

These Regulations do not apply to the following dangerous goods:

- (a) ammoniating fertilizer solutions with an absolute pressure of ammonia less than or equal to 276 kPa at 41°C;
- (b) antimony oxides and antimony sulphides with 0.5 per cent or less arsenic by mass;
- (c) charcoal or carbons that are
  - (i) non-activated carbon blacks of mineral origin,
  - (ii) carbons made by a steam activation process, or
  - (iii) activated or non-activated carbons that pass the self-heating test for carbon in section 33.3.1.3.3 of the Manual of Tests and Criteria;
- (d) cinnabar;
- (e) cyclohexanone peroxides with 70 per cent or more inert inorganic solid, by mass;
- (f) Di-4-chlorobenzoyl peroxide or p-chlorobenzoyl peroxide with 70 per cent or more inert inorganic solid, by mass;
- (g) 1,3-Di-(2-tert-butylperoxyisopropyl) benzene or 1,4-Di-(2-tert-butylperoxyisopropyl) benzene, or mixtures of both, 60 per cent or more, by mass, of which consists of an inert solid, if the substance is in a means of containment in a total quantity less than or equal to 200 kg;
- (h) dibenzoyl peroxide or benzoyl peroxide that is in a concentration less than 35.5 per cent, by mass, with finely ground starch, calcium sulphate dihydrate or dicalcium phosphate dihydrate, or that is in a concentration less than 30 per cent, by mass, with 70 per cent or more, by mass, inert solid;
- (i) dicumyl peroxide with 60 per cent or more inert inorganic solid, by mass;
- (j) ferricyanides and ferrocyanides;
- (k) fish-meal that is acidified and is wetted with 40 per cent or more water, by mass;
- (l) mercurous chloride;

(m) **Repealed** SOR/2008-34

- (n) sodium dichloroisocyanurate dihydrate;
- (o) solvent extracted soya bean meal free of flammable solvent and containing 1.5 per cent or less oil, by mass, and 11 per cent or less moisture, by mass; or
- (p) wood or wood products treated with wood preservatives.

#### **1.47 UN1044, FIRE EXTINGUISHERS, Exemption**

SOR/2008-34

Subsections 5.10(1) and (2) of Part 5 (Means of Containment) do not apply to the handling, offering for transport or transporting of UN1044, FIRE EXTINGUISHERS, if the fire extinguishers

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- (a) do not contain dangerous goods included in Class 2.3, Class 6.1 or Class 8;
- (b) are contained in an outer means of containment;
- (c) have a capacity less than 18 L or, if they contain liquefied gas, a capacity less than 0.6 L;
- (d) have an internal pressure less than or equal to 1 650 kPa at 21°C; and
- (e) are manufactured, tested, maintained, marked and used in accordance with ULC Standard S504, ULC Standard S507, ULC Standard S512 or ULC Standard S554.

#### **1.48 Air Ambulance Exemption**

SOR/2008-34

These Regulations, except for Part 8 (Reporting Requirements)- do not apply to dangerous goods required for patient care on an aircraft if

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- (a) the aircraft is configured as an air ambulance and is used only as an air ambulance;
- (b) the transport of the dangerous goods is not forbidden in Schedule 1, Schedule 3 or the ICAO Technical Instructions;
- (c) the dangerous goods are under the control of a health care professional or a person who is trained in accordance with Part 6, Training;
- (d) in the case of
  - (i) dangerous goods included in Class 2, Gases, they are in one or more small means of containment in compliance with the requirements for transporting gases in Part 5, Means of Containment, or
  - (ii) dangerous goods not included in Class 2, Gases, they are in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety; and
- (e) the means of containment are secured to prevent unintended movement during transport.

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#### **1.49 Cylinder Exemption**

SOR/2014-306

- (1) Subsection 5.1(1) and Section 5.10 of Part 5 (Means of Containment) do not apply to the handling, offering for transport or transporting of dangerous goods in a cylinder on a road vehicle or an aircraft if
  - (a) the cylinder is from or for a ship or an aircraft;
  - (b) the cylinder is transported solely for the purpose of refilling, exchanging or requalification;
  - (c) the cylinder is accompanied by a shipping document that includes the words “Cylinder in transport for purpose of refilling, exchanging or requalification in compliance with section 1.49 of the TDGR” or “Bouteille à gaz en transport aux fins de remplissage, d'échange ou de requalification en conformité avec l'article 1.49 du RTMD”;
  - (d) the cylinder is closed and secured so that under normal conditions of transport, including handling, there will be no

accidental release of the dangerous goods that could endanger public safety;

- (e) in the case of a cylinder from or for a ship that is a Canadian vessel as defined in section 2 of the “Canada Shipping Act, 2001”, the cylinder conforms, as applicable, to
  - (i) the “Fire Detection and Extinguishing Equipment Regulations”,
  - (ii) the “Life Saving Equipment Regulations”,
  - (iii) the “Large Fishing Vessel Inspection Regulations”,
  - (iv) the “Small Fishing Vessel Inspection Regulations”, and
  - (v) the “Small Vessel Regulations”;
- (f) in the case of a cylinder from or for a ship that is a foreign vessel as defined in section 2 of the “Canada Shipping Act, 2001” and that is a Safety Convention vessel as defined in that section, the cylinder is used for a purpose related to the operation or navigation of the ship, including a life-saving or emergency purpose; and
- (g) in the case of a cylinder from or for an aircraft, a flight authority, as defined in subsection 101.01(1) of the “Canadian Aviation Regulations”, has been issued in respect of the aircraft and the cylinder serves an aeronautical purpose, including a life-saving or emergency purpose.

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- (2) When the cylinder has been requalified or filled, the exemption set out in subsection (1) applies only if the cylinder was requalified in accordance with clause 6.5.1(b) of CSA B340 and filled in compliance with clause 6.5.1(c) of CSA B340.

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## 1.50 Hot Air Balloon Cylinder Exemption

*SOR/2017-137*

- (1) Sections 5.1, 5.2 and 5.5 and subsections 5.10(1) and (2) of Part 5 (Means of Containment) do not apply to the offering for transport, handling or transporting of UN1978, PROPANE, in a cylinder on a road vehicle, a railway vehicle or a ship on a domestic voyage if
  - (a) the cylinder is for use in a hot air balloon and is marked clearly and visibly, in letters at least 5 mm high, with the words “FOR USE IN HOT AIR BALLOONS ONLY” or “POUR UTILISATION DANS LES BALLONS SEULEMENT”;
  - (b) a flight authority, as defined in subsection 101.01(1) of the “Canadian Aviation Regulations”, has been issued in respect of the hot air balloon;
  - (c) the cylinder is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of dangerous goods that could endanger public safety;
  - (d) subject to paragraph (e), the cylinder
    - (i) is manufactured, selected and used in accordance with CSA B340, except clause 5.3.1.4 of that standard,
    - (ii) is manufactured, selected and used in accordance with CSA B342,
    - (iii) is manufactured, selected and used in accordance with 49 CFR and, in the case of a requalified cylinder, is marked with the requalification markings required by CSA B339 or 49 CFR,
    - (iv) is manufactured and selected in accordance with the ADR, is marked with the symbol π (Pi) in accordance with the TPED and is used in accordance with clauses 4.1.1.2, 4.1.3, 4.1.4, 4.2, 4.3.1, 4.3.2, 4.3.7, 4.3.8, 4.3.9, 5.1.1, 5.1.2, 5.1.3(b) to (e), 5.1.8 and 5.3.1.1 of CSA B340, or
    - (v) was manufactured before January 1, 2017, and is used in accordance with clauses 4.1.1.2, 4.1.3, 4.1.4, 4.2, 4.3.1, 4.3.2, 4.3.7, 4.3.8, 4.3.9, 5.1.1, 5.1.2, 5.1.3(b) to (e), 5.1.8 and 5.3.1.1 of CSA B340; and
  - (e) the liquid phase of the propane is less than or equal to 85% of the capacity of the cylinder at 15°C.
- (2) For the purposes of subparagraph (1)(d)(iv), “ADR” means the “European Agreement concerning the International Carriage of Dangerous Goods by Road”, published by the United Nations, as amended from time to time and “TPED” means the “Transportable Pressure Equipment Directive”, Directive 2010/35/EU, June 16, 2010, published by the Council of the European Union.
- (3) Subject to subsection (4), a cylinder referred to in subparagraph (1)(d)(iv) or (v) must be requalified within
  - (a) 10 years after its date of manufacture; or
  - (b) 10 years after its most recent requalification date as marked on the cylinder.
- (4) A cylinder that must be requalified on or before January 1, 2018 may be requalified within a 12-month grace period that starts on

the day on which this section comes into force.

- (5) When it is requalified, a cylinder referred to in subparagraph (1)(d)(iv) or (v) must
- (a) be requalified with a proof pressure retest and an internal and external visual inspection in accordance with clause 24 of CSA B339 by a facility that holds a valid certificate of registration referred to in clause 25.3 of CSA B339; or
  - (b) be subjected to a periodic inspection and test in accordance with clause 19 of CSA B341.

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## PART 2

### CLASSIFICATION

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## CLASSIFICATION

### **Definitions**

*Definitions for the following terms, used in this Part, are provided in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:*

<i>accidental release</i>	<i>ICAO Technical Instructions</i>	<i>packing group</i>
<i>carrier</i>	<i>IMDG Code</i>	<i>primary class</i>
<i>Category A SOR/2008-34</i>	<i>import</i>	<i>public safety</i>
<i>Category B SOR/2008-34</i>	<i>infectious substance</i>	<i>railway vehicle</i>
<i>class</i>	<i>in transport</i>	<i>road vehicle</i>
<i>classification</i>	<i>LC<sub>50</sub></i>	<i>ship</i>
<i>compatibility group</i>	<i>LD<sub>50</sub> (dermal)</i>	<i>shipping name</i>
<i>consignor</i>	<i>LD<sub>50</sub> (oral)</i>	<i>solid</i>
<i>culture SOR/2008-34</i>	<i>liquid</i>	<i>subsidiary class</i>
<i>dangerous goods</i>	<i>lithium content SOR/2014-306</i>	<i>substance</i>
<i>dust</i>	<i>Manual of Tests and Criteria</i>	<i>technical name SOR/2014-152</i>
<i>fire point</i>	<i>means of containment</i>	<i>UN number</i>
<i>flash point</i>	<i>mist</i>	<i>UN Recommendations</i>
<i>gas</i>	<i>offer for transport</i>	<i>vapour</i>
		<i>watt hour or Wh SOR/2014-306</i>

### **2.1 Determining When Substances Are Dangerous Goods**

A substance is dangerous goods when

- (a) it is listed by name in Schedule 1 and is in any form, state or concentration that meets the criteria in this Part for inclusion in at least one of the 9 classes of dangerous goods; or
- (b) it is not listed by name in Schedule 1 but meets the criteria in this Part for inclusion in at least one of the 9 classes of dangerous goods.

### **2.2 Responsibility for Classification**

*The consignor is responsible for determining the classification of dangerous goods. This activity is normally done by, or in consultation with, a person who understands the nature of the dangerous goods such as a manufacturer, a person who formulates, blends or otherwise prepares mixtures or solutions of goods or, in the case of infectious substances, a doctor, scientist, veterinarian, epidemiologist, genetic engineer, microbiologist, pathologist, nurse, coroner or laboratory technologist or technician.*

- (1) Before allowing a carrier to take possession of dangerous goods for transport, the consignor must determine the classification of the dangerous goods in accordance with this Part.
- (2) When importing dangerous goods into Canada, the consignor must ensure that they have the correct classification before they are transported in Canada.

- (3) A consignor must use the following classifications:

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- (a) for substances included in Class 1, Explosives, the classification determined in accordance with the “Explosives Act”; and  
*SOR/2014-306*
- (b) for radioactive materials, the classification determined in accordance with the “Packaging and Transport of Nuclear Substances Regulations”.  
*SOR/2014-306*
- (c) ***Repealed SOR/2014-152***
- (d) ***Repealed SOR/2014-152***

- (3.1) For substances included in Class 6.2, Infectious Substances, a consignor may use a classification determined by the Public Health Agency of Canada or the Canadian Food Inspection Agency.

*SOR/2014-306*

- (4) A consignor may use the appropriate classification in the ICAO Technical Instructions, the IMDG Code or the UN Recommendations to transport dangerous goods within Canada by a road vehicle, a railway vehicle or a ship on a domestic voyage if these Regulations or the document from which the classification is taken does not forbid their transport.
- (5) If an error in classification is noticed or if there are reasonable grounds to suspect an error in classification, the consignor must not allow a carrier to take possession of the dangerous goods for transport until the classification has been verified or corrected.
- (6) A carrier who notices an error in classification or has reasonable grounds to suspect an error in classification while the dangerous goods are in transport must advise the consignor and must stop transporting the dangerous goods until the consignor verifies or corrects the classification. The consignor must immediately verify or correct the classification and ensure that the carrier is provided with the verified or corrected classification.

*When reading sections 2.3 to 2.6, it is useful to remember that the word “classification” is defined in Part 1, Coming Into Force, Repeal, Interpretation, General Provisions and Special Cases, and means, as applicable, the shipping name, the primary class, the compatibility group, the subsidiary class, the UN number, the packing group and the infectious substance category.*

*SOR/2008-34*

### **2.2.1 Proof of Classification *SOR/2014-152***

- (1) A consignor who allows a carrier to take possession of dangerous goods for transport or who imports dangerous goods into Canada must, during a five-year period that begins on the date that appears on the shipping document, make a proof of classification available to the Minister on reasonable notice given by the Minister.
- (2) For the purposes of this section, a proof of classification is
  - (a) a test report;
  - (b) a lab report; or
  - (c) a document that explains how the dangerous goods were classified.

*Figures 10.5 and 20.2 of the Manual of Tests and Criteria are examples of test reports.*

*A safety data sheet (SDS) is an acceptable proof of classification if it is accompanied by an explanation, under the heading “Transportation Information”, that describes how the dangerous goods were classified.*

- (3) A proof of classification must include the following information:
  - (a) the date on which the dangerous goods were classified;
  - (b) if applicable, the technical name of the dangerous goods;
  - (c) the classification of the dangerous goods; and
  - (d) if applicable, the classification method used under this Part or under Chapter 2 of the UN Recommendations.

*SOR/2014-152*

## 2.3 Classifying Substances That Are Listed by Name in Schedule 1

If a name of dangerous goods is shown as a shipping name in column 2 of Schedule 1, that name must be used as the shipping name. That shipping name and the corresponding data for that shipping name in columns 1, 3 and 4 of Schedule 1 must be used as the classification of the dangerous goods.

*For example, the name ACETONE is shown in column 2 of Schedule 1. ACETONE is the shipping name. The class, 3, is shown in column 3, the UN number, UN1090, is shown in column 1 and the packing group, II, is shown in column 4. Similarly, the name CHARGES, DEPTH, is shown in column 2 of Schedule 1. CHARGES, DEPTH, is the shipping name. The class, 1.ID, is shown in column 3, the UN number, UN0056, is shown in column 1 and the packing group, II, is shown in column 4.*

## 2.4 Classifying Substances That Are Included in Only One Class and One Packing Group

If, in accordance with the criteria and tests in this Part, a substance is included in only one class and one packing group, the substance is dangerous goods and the shipping name in column 2 of Schedule 1 that most precisely describes the dangerous goods and that is most consistent with the class and the packing group determined by the criteria and tests must be selected as the shipping name.

That shipping name and the corresponding data for that shipping name in columns 1, 3 and 4 of Schedule 1 must be used as the classification of the dangerous goods.

## 2.5 Classifying Substances That Are Included in More Than One Class or Packing Group

*The word “potential” is used in paragraphs (a), (b) and (c) of this section because the final subsidiary class or classes and the final packing group are determined in accordance with paragraph (d).*

If, in accordance with the criteria and tests in this Part, a substance meets the criteria for inclusion in more than one class or packing group, the substance is dangerous goods and its classification is determined in the following manner:

- (a) the classes in which the dangerous goods are included are ranked in order of precedence in accordance with section 2.8 to determine the primary class and the potential subsidiary class or classes;
- (b) the potential packing group is the one with the lowest roman numeral;
- (c) the shipping name in column 2 of Schedule 1 that most precisely describes the dangerous goods and for which the corresponding data in columns 1, 3 and 4 are the most consistent with the primary class, the potential subsidiary class or classes and the potential packing group is selected; and  
*SOR/2008-34*
- (d) the shipping name and the corresponding data in columns 1, 3 and 4 of Schedule 1 are used as the classification of the dangerous goods.

### 2.5.1 Descriptive Text Following a Shipping Name

*SOR/2008-34*

When applying section 2.4 or 2.5, the descriptive text written in lower case letters following a shipping name must be used in determining the shipping name that most precisely describes the dangerous goods.

*SOR/2008-34*

## 2.6 Classifying a Mixture or Solution

A mixture or solution of substances that are not dangerous goods and one substance that is dangerous goods and that is listed by name in Schedule 1 has the classification shown for the dangerous goods in that Schedule if the mixture or solution is still dangerous goods in accordance with paragraph 2.1(a) and the mixture or solution is not identified by a shipping name in Schedule 1. However, if the classification for the dangerous goods does not precisely describe the mixture or solution but the mixture or solution meets the criteria in this Part for inclusion in at least one of the 9 classes of dangerous goods, then sections 2.4 and 2.5 must be used to determine its classification.

## 2.7 Marine Pollutants

A substance is a marine pollutant if

- (a) the letter "P" (marine pollutant) is set out in column 4 of Schedule 3 for the substance; or  
*SOR/2014-306*
- (b) the substance meets the criteria for classification as a marine pollutant in accordance with section 2.9.3 or chapter 2.10 of the IMDG Code.  
*SOR/2014-306*
- (c) **Repealed SOR/2014-306**

*Marine pollutants are required to be identified on a shipping document referred to in Part 3 (Documentation) and on a means of containment referred to in Part 4 (Dangerous Goods Safety Marks).*

*SOR/2014-306*

## (2) **Repealed SOR/2014-306**

## (3) **Repealed SOR/2014-306**

## 2.8 Precedence of Classes

- (1) When dangerous goods meet the criteria for inclusion in more than one class but meet the criteria for inclusion in only one of the following classes, that one class is the primary class. The classes are
  - (a) Class 1, Explosives, except for the following dangerous goods for which Class 1 is a subsidiary class:
    - (i) UN3101, ORGANIC PEROXIDE TYPE B, LIQUID,
    - (ii) UN3102, ORGANIC PEROXIDE TYPE B, SOLID,
    - (iii) UN3111, ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED,
    - (iv) UN3112, ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED,
    - (v) UN3221, SELF-REACTIVE LIQUID TYPE B,
    - (vi) UN3222, SELF-REACTIVE SOLID TYPE B,
    - (vii) UN3231, SELF-REACTIVE LIQUID TYPE B, TEMPERATURE CONTROLLED, and
    - (viii) UN3232, SELF-REACTIVE SOLID TYPE B, TEMPERATURE CONTROLLED;
  - (b) Class 2, Gases, and within this class, Class 2.3, Toxic Gases, takes precedence over Class 2.1, Flammable Gases, and Class 2.1, Flammable Gases, takes precedence over Class 2.2, Non-flammable and Non-toxic Gases;
  - (c) Class 4.1, Flammable Solids, desensitized explosives included in Packing Group I or self-reactive substances;
  - (d) Class 4.2, Substances Liable to Spontaneous Combustion, pyrophoric solids or liquids included in Packing Group I;
  - (e) Class 5.2, Organic Peroxides;
  - (f) Class 6.1, Toxic Substances, that are included in Packing Group I, due to inhalation toxicity;
  - (g) Class 6.2, Infectious Substances; and
  - (h) Class 7, Radioactive Materials.

*If a substance meets the criteria for inclusion in more than one of the classes identified in subsection (1), the person doing the classification may seek assistance by contacting Transport Canada, Transport Dangerous Goods Directorate, through CANUTEC at 613-992-4624.*

- (2) Despite paragraph (1)(f), Class 8 is the primary class when a substance meets the criteria for inclusion in
  - (a) Class 8, Corrosives;
  - (b) Packing Group I due to inhalation toxicity of dusts or mists; and
  - (c) Packing Group III due to oral or dermal toxicity.
- (3) A consignor must determine the order of precedence among classes that are not listed in subsection (1) in accordance with the following table, except that Class 6.1 takes precedence if a substance is a pesticide under the “Pesticide Act” and is included in Class 6.1, Packing Group III, and in Class 3, Packing Group III.

***Example of How to Use the Precedence of Classes Table***

Suppose that, after testing, it is found that a substance meets the criteria for inclusion in Class 3, Packing Group I, in Class 8 (L for liquid), Packing Group II, and in Class 6.1, Packing Group II, dermal toxicity. The potential packing group is Packing Group I because it has the lowest roman numeral (see paragraph 2.5(b)).

To determine the primary class, compare the classes two at a time. As the first combination, consider Class 3, Packing Group I, and Class 8, Packing Group II (L for liquid). Go to the table and find Class 3, Packing Group I, in the extreme left column. Follow that line across to the column on the right that refers to Class 8, Packing Group II (L for liquid). The class that takes precedence is the one at the point where the lines intersect in the column. In this combination Class 3 takes precedence over Class 8. Class 8 is set aside.

Class	4.2	4.3	5.1	5.1	5.1	6.1	6.1	6.1	6.1	8	8	8	8	8	8
Packing Group	All	All	I	II	III	I	I	II	III	I	I	II	II	III	III
Code			D	O	X	X	L	S	L	S	L	S	L	S	
3      I			3	3	3	3	3	-	3	-	3	-	3	-	

Do the same thing with the combination of Class 3, Packing Group I, and Class 6.1, Packing Group II (D for dermal). In this combination Class 3 takes precedence. Class 6.1 is set aside, leaving Class 3 as the primary class.

Class	4.2	4.3	5.1	5.1	5.1	6.1	6.1	6.1	6.1	8	8	8	8	8	8
Packing Group	All	All	I	II	III	I	I	II	III	I	I	II	II	III	III
Code			D	O	X	X	L	S	L	S	L	S	L	S	
3      I			3	3	3	3	3	-	3	-	3	-	3	-	

As there is no precedence between or among subsidiary classes, each of Class 6.1 and Class 8 is a potential subsidiary class.

Conclusion: In this example, the primary class is Class 3, each of Class 6.1 and Class 8 is a potential subsidiary class and the potential packing group is Packing Group I. The word “potential” is used here because the final subsidiary class or classes and the final packing group are determined in accordance with paragraph 2.5(d).

Table

## Precedence of Classes

## Class and Packing Group

*Spaces in the table denote impossible combinations.*

Class	Packing Group	Code	4.2	4.3	5.1	5.1	5.1	6.1	6.1	6.1	6.1	8	8	8	8	8	8
			All	All	I	II	III	I	I	II	III	I	I	II	II	III	III
			D	O	X	X	L	S	L	S	L	S	L	S	L	S	
3 I								3	3	3	3	3		3		3	
3 II								3	3	3	3	8		3		3	
3 III								6.1	6.1	6.1	3	8		8		3	
4.1 II			4.2	4.3	5.1	4.1	4.1	6.1	6.1	4.1	4.1		8		4.1		4.1
4.1 III			4.2	4.3	5.1	4.1	4.1	6.1	6.1	6.1	4.1		8		8		4.1
4.2 II				4.3	5.1	4.2	4.2	6.1	6.1	4.2	4.2	8	8	4.2	4.2	4.2	4.2
4.2 III				4.3	5.1	5.1	4.2	6.1	6.1	6.1	4.2	8	8	8	8	4.2	4.2
4.3 I					5.1	4.3	4.3	6.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
4.3 II					5.1	4.3	4.3	6.1	4.3	4.3	4.3	8	8	4.3	4.3	4.3	4.3
4.3 III					5.1	5.1	4.3	6.1	6.1	4.3	4.3	8	8	8	8	4.3	4.3
5.1 I								5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
5.1 II								6.1	5.1	5.1	5.1	8	8	5.1	5.1	5.1	5.1
5.1 III								6.1	6.1	6.1	5.1	8	8	8	8	5.1	5.1
6.1 I D												8	6.1	6.1	6.1	6.1	6.1
6.1 I O												8	6.1	6.1	6.1	6.1	6.1
6.1 II i												8	6.1	6.1	6.1	6.1	6.1
6.1 II D												8	6.1	6.1	6.1	6.1	6.1
6.1 II O												8	8	8	6.1	6.1	6.1
6.1 III X												8	8	8	8	8	8

Code: D = dermal

State: L = liquid

O = oral

S = solid

i = by inhalation

X = any route of exposure - D, O or i

## **Class 1, Explosives**

### **2.9 General**

Substances are included in Class 1, Explosives, if they are

- (a) capable, by chemical reaction, of producing gas at a temperature, pressure and speed that would damage the surroundings; or
- (b) designed to produce an explosive or pyrotechnic effect by heat, light, sound, gas or smoke or a combination of those means as a result of non-detonative, self-sustaining exothermic chemical reactions.

### **2.10 Divisions**

Class 1, Explosives, has six divisions:

- (a) Class 1.1, mass explosion hazard;
- (b) Class 1.2, projection hazard but not a mass explosion hazard;
- (c) Class 1.3, fire hazard and either a minor blast hazard or a minor projection hazard or both but not a mass explosion hazard;
- (d) Class 1.4, no significant hazard beyond the package in the event of ignition or initiation during transport;
- (e) Class 1.5, very insensitive substances with a mass explosion hazard; and
- (f) Class 1.6, extremely insensitive articles with no mass explosion hazard.

### **2.11 Compatibility Groups**

Explosives are divided into 13 compatibility groups as described in Appendix 2, Description of Compatibility Groups, Class 1, Explosives, to this Part.

*Compatibility groups are used to determine which explosives may be transported together. See section 5.7 of Part 5, Means of Containment.*

### **2.12 Packing Groups**

Explosives are included in Packing Group II.

## **Class 2, Gases**

### **2.13 General**

A substance is included in Class 2, Gases, if it is

- (a) a gas included in one of the three divisions set out in section 2.14;  
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- (b) a mixture of gases;
- (c) a mixture of one or more gases with one or more vapours of substances included in other classes;
- (d) an article charged with a gas;
- (e) tellurium hexafluoride; or
- (f) an aerosol.

## 2.14 Divisions

Class 2, Gases, has three divisions:

- (a) Class 2.1, Flammable Gases, which consists of gases that, at 20°C and an absolute pressure of 101.3 kPa,
  - (i) are ignitable when in a mixture of 13 per cent or less by volume with air, or
  - (ii) have a flammability range with air of at least 12 percentage points determined in accordance with tests or calculations in ISO 10156;
- (b) Class 2.2, Non-flammable and Non-toxic Gases, which consists of gases that are transported at an absolute pressure greater than or equal to 280 kPa at 20°C, or as refrigerated liquids, and that are not included in Class 2.1, Flammable Gases, or Class 2.3, Toxic Gases; and
- (c) Class 2.3, Toxic Gases, which consists of gases that
  - (i) are known to be toxic or corrosive to humans according to CGA P-20, ISO Standard 10298 or other documentary evidence published in technical journals or government publications, or
  - (ii) have an LC<sub>50</sub> value less than or equal to 5 000 mL/m<sup>3</sup>.

### 2.14.1 Aerosols SOR/2014-306

- (1) Dangerous goods contained in an aerosol container must be transported under UN1950, AEROSOLS.
- (2) The dangerous goods are included
  - (a) in Class 2.1, Flammable Gases, if the dangerous goods contain at least 85 per cent by mass of flammable components and the chemical heat of combustion is greater than or equal to 30 kJ/g; or
  - (b) in Class 2.2, Non-flammable and Non-toxic Gases, if the dangerous goods contain not more than 1 per cent by mass of flammable components and the heat of combustion is less than 20 kJ/g.
- (3) The dangerous goods must be classified in accordance with section 31 of Part III of the Manual of Tests and Criteria.
- (4) The dangerous goods must not contain gases included in Class 2.3, Toxic Gases.
- (5) The dangerous goods must have a subsidiary class of 6.1, Toxic Substances, or Class 8, Corrosive Substances, if the dangerous goods – other than the propellant to be ejected from the aerosol container – are included in Class 6.1, Toxic Substances, Packing Groups II or III, or Class 8, Corrosive Substances, Packing Groups II or III.
- (6) The dangerous goods are forbidden for transport when they are included in Packing Group I for toxicity or corrosiveness.

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### 2.14.2 Exemption SOR/2014-306

- (1) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2, (Classification), do not apply to gases included in Class 2.2, Non-flammable and Non-toxic Gases that are contained
  - (a) in foodstuffs, including carbonated beverages other than UN1950;
  - (b) in balls intended for use in sports;
  - (c) in tires; or
  - (d) in light bulbs.
- (2) The exemption set out in paragraph (1)(d) applies only if the light bulbs are packaged so that any pieces of a ruptured bulb are contained by the packaging.

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## 2.15 Packing Groups

There are no packing groups for Class 2, Gases.

## 2.16 Determination of LC<sub>50</sub>

LC<sub>50</sub> values for a single or pure gas or for a mixture of gases must be determined

- (a) by using LC<sub>50</sub> values published in CGA P-20, ISO Standard 10298, technical journals or government publications;
- (b) in accordance with paragraphs 2.2.3(b) and (c) of Chapter 2.2 of the UN Recommendations; or
- (c) for a mixture of gases, in accordance with section 2.17.

## 2.17 Determination of LC<sub>50</sub> of a Mixture of Gases

*This section provides a method for making an acceptable approximation of the LC<sub>50</sub> of a mixture of gases. The methods in paragraphs 2.16(a) and (b) are more exact.*

To determine the LC<sub>50</sub> of a mixture of gases when the LC<sub>50</sub> of each of the gases is known, use 5 000 mL/m<sup>3</sup> as the toxic limit and,

- (a) if the mixture contains only one gas with an LC<sub>50</sub> less than or equal to the toxic limit (called “Gas A”), use the following calculation:

$$\text{LC}_{50} \text{ of the mixture} = \frac{\text{LC}_{50} \text{ of Gas A}}{\text{fraction by volume of Gas A in the mixture}}$$

or

- (b) if the mixture contains more than one gas with an LC<sub>50</sub> less than or equal to the toxic limit (called “Gas A”, “Gas B”, etc.),
  - (i) determine the contributing number (CN) of each of the gases with an LC<sub>50</sub> less than or equal to the toxic limit using the formula

$$\text{CN Gas A} = \frac{\text{LC}_{50} \text{ of Gas A}}{\text{fraction by volume of Gas A in the mixture}}$$

- (ii) combine the contributing numbers (CN) of each gas with an LC<sub>50</sub> less than or equal to the toxic limit using the formula

$$T = \frac{1}{\text{CN Gas A}} + \frac{1}{\text{CN Gas B}} + (\text{as needed})$$

and

- (iii) obtain the LC<sub>50</sub> of the mixture by dividing 1 by the number T (LC<sub>50</sub> of the mixture = 1 / T).

### Class 3, Flammable Liquids

#### 2.18 General

- (1) Substances that are liquids or liquids containing solids in solution or suspension are included in Class 3, Flammable Liquids, if they
- (a) have a flash point less than or equal to 60°C using the closed-cup test method referred to in Chapter 2.3 of the UN Recommendations; or
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- A flash point of 65.6°C, using the open-cup test method referred to in Chapter 2.3 of the UN Recommendations, is equivalent to 60°C using the closed-cup test.*
- SOR/2008-34*
- (b) are intended or expected to be at a temperature that is greater than or equal to their flash point at any time while the substances are in transport.
- The UN number and shipping name for the dangerous goods referred to in paragraph (b) are UN3256, ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S.*
- (2) Despite paragraph (1)(a), liquids that have a flash point greater than 35°C are not included in Class 3, Flammable Liquids, if they
- (a) do not sustain combustion, as determined in accordance with the sustained combustibility test referred to in section 2.3.1.3 of Chapter 2.3 of the UN Recommendations;
  - (b) have a fire point greater than 100°C, as determined in accordance with ISO 2592; or
  - (c) are water-miscible solutions with a water content greater than 90 per cent by mass.

#### 2.19 Packing Groups

- (1) Flammable liquids included in Class 3, Flammable Liquids, are included in one of the following packing groups:
- (a) Packing Group I, if they have an initial boiling point of 35°C or less at an absolute pressure of 101.3 kPa and any flash point;
  - (b) Packing Group II, if they have an initial boiling point greater than 35°C at an absolute pressure of 101.3 kPa and a flash point less than 23°C; or
  - (c) Packing Group III, if the criteria for inclusion in Packing Group I or II are not met.
- (2) Despite subsection (1), for dangerous goods included in Class 3, Flammable Liquids,
- (a) when the packing group is unknown, the consignor may include the dangerous goods in Packing Group I; or
  - (b) when the packing group is reasonably believed or is known to be Packing Group II or III, the consignor may include the dangerous goods in Packing Group II but, if the substance has the same characteristics as UN1203, GASOLINE, it may also be transported as Packing Group II.
- (3) Despite paragraph (1)(b), a viscous flammable liquid that has a flash point less than 23°C may be included in Packing Group III if
- (a) the liquid or any separated solvent does not meet the criteria for inclusion in Class 6.1 or Class 8;
  - (b) less than 3% of the clear solvent layer separates when the solvent separation test set out in subsection 32.5.1 of Part III of the Manual of Tests and Criteria is carried out;
  - (c) the viscosity and flash-point of the liquid are in accordance with the table to this subsection; and

- (d) the viscosity test is carried out in accordance with the procedure set out in subsection 32.4 of Part III of the Manual of Tests and Criteria or the procedure set out in ISO 2431.

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**Table**

Kinematic viscosity extrapolated $v$ (at near-zero shear rate) mm <sup>2</sup> /s at 23°C	Flow time $t$ (seconds)	Jet diameter (mm)	Flash point, closed cup (°C)
$20 < v \leq 80$	$20 < t \leq 60$	4	above 17
$80 < v \leq 135$	$60 < t \leq 100$	4	above 10
$135 < v \leq 220$	$20 < t \leq 32$	6	above 5
$220 < v \leq 300$	$32 < t \leq 44$	6	above -1
$300 < v \leq 700$	$44 < t \leq 100$	6	above -5
$700 < v$	$100 < t$	6	No limit

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- (3.1) If a liquid referred to in subsection (3) is a non-Newtonian substance or a flow cup method of viscosity determination is unsuitable, a variable shear-rate viscometer must be used to determine the dynamic viscosity coefficient of the liquid, at 23°C, at a number of shear rates. The values obtained must be plotted against shear rate and then extrapolated to zero shear rate. The dynamic viscosity value thus obtained, divided by the density, gives the apparent kinematic viscosity at near-zero shear rate.

#### **Class 4, Flammable Solids; Substances Liable to Spontaneous Combustion; Substances That on Contact with Water Emit Flammable Gases (Water-reactive Substances)**

#### **2.20 General**

Substances are included in Class 4 if they are flammable solids, substances liable to spontaneous combustion or substances that on contact with water emit flammable gases (water-reactive substances) and meet the criteria for inclusion in one of the divisions and packing groups of Class 4.

#### **2.21 Divisions**

- (1) Class 4 has three divisions:

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- (a) Class 4.1, Flammable Solids, which consists of substances that are
  - (i) readily combustible, as determined in accordance with section 2.4.2.2 of Chapter 2.4 of the UN Recommendations,
  - (ii) under normal conditions of transport, liable to cause fire through friction,
  - (iii) solid desensitized explosives, which are solid explosives desensitized through wetting with water or alcohols or diluted with other substances to form a homogeneous solid mixture to suppress their explosive properties so that they are not included in Class 1, Explosives,

*Substances that have one of the following UN numbers meet the criterion in subparagraph (iii): UN1310, UN1320, UN1321, UN1322, UN1336, UN1337, UN1344, UN1347, UN1348, UN1349, UN1354, UN1355, UN1356, UN1357, UN1517, UN1571, UN2555, UN2556, UN2557, UN2852, UN2907, UN3270, UN3319, UN3344.*

- (iv) self-reactive substances that are liable to undergo a strongly exothermic decomposition even without the participation of oxygen (air), as determined in accordance with section 2.4.2.3 of Chapter 2.4 of the UN Recommendations, but Class 4.1 does not include substances that have
  - (A) a primary class of Class 1, Explosives, Class 5.1, Oxidizing Substances, or Class 5.2, Organic Peroxides,
  - (B) a heat of decomposition less than 300 J/g, or
  - (C) a self-accelerating decomposition temperature (SADT) that is greater than 75°C for a 50 kg means of containment, as determined in accordance with section 2.4.2.3.4 of Chapter 2.4 of the UN Recommendations,

- (iv.1) polymerizing substances that, without stabilization, are liable to undergo a strongly exothermic reaction resulting in the formation of larger molecules or resulting in the formation of polymers under conditions normally encountered in transport,

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- (v) identified by one of the following UN numbers: UN2956, UN3241, UN3242 or UN3251, or

- (vi) are in the list of currently assigned self-reactive substances in section 2.4.2.3.2.3 of Chapter 2.4 of the UN Recommendations;

- (b) Class 4.2, Substances Liable to Spontaneous Combustion, which consists of

- (i) pyrophoric substances that spontaneously ignite within 5 minutes after coming into contact with air, as determined in accordance with section 2.4.3.2 of Chapter 2.4 of the UN Recommendations, and
- (ii) self-heating substances that, when in large amounts (kilograms), spontaneously ignite on contact with air after long periods (hours or days), as determined in accordance with section 2.4.3.2 of Chapter 2.4 of the UN Recommendations; and

- (c) Class 4.3, Water-reactive Substances, which consists of substances that, in tests performed in accordance with section 2.4.4.2 of Chapter 2.4 of the UN Recommendations, emit a flammable gas at a rate greater than 1 L/kg of substance per hour or spontaneously ignite at any step in the test procedure.

- (2) For the purposes of subparagraph (1)(a)(iv.1), a substance is considered to be a polymerizing substance of Class 4.1 if it

- (a) has a self-accelerating polymerization temperature (SAPT) that is less than or equal to 75°C under the conditions in which the substance or mixture is to be transported, with or without chemical stabilization as offered for transport, and in the means of containment in which the substance or mixture is to be transported;
- (b) exhibits a heat of reaction of more than 300 J/g; and
- (c) does not meet any other criteria for inclusion in Classes 1 to 8.

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## 2.21.1 Polymerizing Substances *SOR/2017-137*

A person must not offer for transport, handle or transport the following polymerizing substances unless they are stabilized by temperature control:

- (a) a polymerizing substance that is in a small means of containment prescribed by TP14850 or Chapter 6.1 of the UN Recommendations or in an intermediate bulk container (IBC) and whose self-accelerating polymerization temperature (SAPT) is 50°C or less in the small means of containment or IBC; and
- (b) a polymerizing substance that is in a large means of containment that is not an IBC and whose SAPT is 45°C or less in the large means of containment.

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## 2.22 Packing Groups

- (1) Substances included in Class 4.1, Flammable Solids, are included in one of the following packing groups:

- (a) Packing Group I, if the substances meet the criterion in subparagraph 2.21(1)(a)(iii), except that substances that have one of the following UN numbers are included in Packing Group II: UN2555, UN2556, UN2557, UN2907, UN3270, UN3319 or UN3344;  
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  - (b) Packing Group II, if
    - (i) the substances meet the criteria for inclusion in Class 4.1 in subparagraph 2.21(1)(a)(iv) or (v), except that substances that have one of the following UN numbers are included in Packing Group III: UN2956, UN3241 or UN3251,  
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    - (ii) in tests referred to in section 33.2.1 of Part III of the Manual of Tests and Criteria for readily combustible solids, excluding metal powders, the burning time of the substances is less than 45 seconds and the flame passes the wetted zone, or
    - (iii) in tests referred to in section 33.2.1 of Part III of the Manual of Tests and Criteria, for readily combustible solids that are powders of metals or metal alloys, the zone of reaction of the substances spreads over the whole length of the sample in 5 minutes or less; or
  - (c) Packing Group III, if
    - (i) in tests referred to in section 33.2.1 of Part III of the Manual of Tests and Criteria, for readily combustible solids, excluding metal powders, the burning time of the substances is less than 45 seconds and the wetted zone stops the flame propagation for at least 4 minutes,
    - (ii) in tests referred to in section 33.2.1 of Part III of the Manual of Tests and Criteria, for readily combustible solids that are powders of metals or metal alloys, the zone of reaction of the substances spreads over the whole length of the sample in more than 5 minutes but not more than 10 minutes, or
    - (iii) the substances are solids that are liable to cause fire through friction.
- (2) Substances included in Class 4.2, Substances Liable to Spontaneous Combustion, are included in one of the following packing groups:
- (a) Packing Group I, if the substances are pyrophoric solids or liquids;
  - (b) Packing Group II, if the substances are self-heating substances that give a positive result, as determined in accordance with section 2.4.3.2 of Chapter 2.4 of the UN Recommendations using a 25 mm sample cube at 140°C; or
  - (c) Packing Group III for all other substances.
- (3) Substances included in Class 4.3, Water-reactive Substances, are included in one of the following packing groups:
- (a) Packing Group I, if the substances
    - (i) react vigorously with water at ambient temperatures and demonstrate a tendency for the gas produced to ignite spontaneously, or
    - (ii) react readily with water at ambient temperatures so that the rate of evolution of flammable gas is greater than or equal to 10 L/kg of substance over any one minute;
  - (b) Packing Group II, if
    - (i) the substances react readily with water at ambient temperatures so that the rate of evolution of flammable gas is greater than or equal to 20 L/kg of substance per hour, and
    - (ii) the criteria for inclusion in Packing Group I are not met; or
  - (c) Packing Group III, if
    - (i) the substances react slowly with water at ambient temperatures so that the rate of evolution of flammable gas is greater than or equal to 1 L/kg of substance per hour, and
    - (ii) the criteria for inclusion in Packing Group I or II are not met.

## **Class 5, Oxidizing Substances and Organic Peroxides**

### **2.23 General**

Substances are included in Class 5 if they are oxidizing substances or organic peroxides and meet the criteria for inclusion in one of the divisions of Class 5.

### **2.24 Divisions**

Class 5 has two divisions:

- (a) Class 5.1, Oxidizing Substances, which consists of substances that yield oxygen thereby causing or contributing to the combustion of other material, as determined in accordance with section 2.5.2 of Chapter 2.5 of the UN Recommendations; and
- (b) Class 5.2, Organic Peroxides, which consists of substances that
  - (i) are thermally unstable organic compounds that contain oxygen in the bivalent “-O-O-” structure, as determined in accordance with section 2.5.3 of Chapter 2.5 of the UN Recommendations,
  - (ii) are liable to undergo exothermic self-accelerating decomposition,
  - (iii) have one or more of the following characteristics:
    - (A) they are liable to explosive decomposition,
    - (B) they burn rapidly,
    - (C) they are sensitive to impact or friction,
    - (D) they react dangerously with other substances, or
    - (E) they cause damage to the eyes, or
  - (iv) are in the list of currently assigned organic peroxides in section 2.5.3.2.4 of Chapter 2.5 of the UN Recommendations.

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### **2.25 Packing Groups**

- (1) The packing group for a substance that is included in Class 5.1, Oxidizing Substances, must be determined by using a test sample of the substance that
  - (a) in the case of a solid, is prepared in accordance with section 2.5.2.2 of Chapter 2.5 of the UN Recommendations; and
  - (b) in the case of a liquid, is prepared in accordance with section 2.5.2.3 of Chapter 2.5 of the UN Recommendations.
- (2) In the case of a solid substance included in Class 5.1, Oxidizing Substances, the test procedure set out in either subsection 34.4.1 (test O.1) or subsection 34.4.3 (test O.3) of Part III of the Manual of Tests and Criteria must be carried out on the test sample. The substance is included in
  - (a) Packing Group I, if the test sample exhibits an average burning time that is
    - (i) less than the mean burning time of a 3:2 potassium bromate/cellulose mixture by mass when test O.1 is used, or
    - (ii) greater than the mean burning rate of a 3:1 calcium peroxide/cellulose mixture by mass when test O.3 is used;
  - (b) Packing Group II, if the criteria for Packing Group I are not met and the test sample exhibits an average burning time that is

- (i) less than or equal to the mean burning time of a 2:3 potassium bromate/cellulose mixture by mass, when test O.1 is used, or
  - (ii) equal to or greater than the mean burning rate of a 1:1 calcium peroxide/cellulose mixture by mass, when test O.3 is used; or
- (c) Packing Group III, if the criteria for Packing Groups I and II are not met and the test sample exhibits an average burning time that is
- (i) less than or equal to the mean burning time of a 3:7 potassium bromate/cellulose mixture by mass, when test O.1 is used, or
  - (ii) equal to or greater than the mean burning rate of a 1:2 calcium peroxide/cellulose mixture by mass, when test O.3 is used.

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- (2.1) In the case of a liquid substance included in Class 5.1, Oxidizing Substances, the test procedure set out in sub-section 34.4.2 (test O.2) of Part III of the Manual of Tests and Criteria must be carried out on the test sample. The substance is included in
- (a) Packing Group I, if the test sample in a 1:1 mixture by mass of substance and cellulose spontaneously ignites or the mean pressure rise time is less than that of a 1:1 mixture by mass of 50% perchloric acid and cellulose;
  - (b) Packing Group II, if the mean pressure rise time is less than or equal to the mean pressure rise time of a 1:1 mixture by mass of 40% aqueous sodium chlorate solution and cellulose and the criteria for inclusion in Packing Group I are not met; or
  - (c) Packing Group III, if the mean pressure rise time is less than or equal to the mean pressure rise time of a 1:1 mixture by mass of 65% aqueous nitric acid solution and cellulose and the criteria for inclusion in Packing Group I or II are not met.

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- (3) Class 5.2, Organic Peroxides, are included in Packing Group II.
- (4) The type, B to F, of organic peroxides must be determined in accordance with section 2.5.3.3 of Chapter 2.5 of the UN Recommendations.

## **Class 6, Toxic and Infectious Substances**

### **2.26 General**

Substances are included in Class 6 if they are

- (a) liable to cause death or serious injury or to harm human health if swallowed or inhaled or if they come into contact with human skin; or
- (b) infectious substances.

### **2.27 Divisions**

Class 6 has two divisions:

- (a) Class 6.1, Toxic Substances, which consists of substances that are liable to cause death or serious injury or to harm human health if swallowed or inhaled or if they come into contact with human skin; and
- (b) Class 6.2, Infectious Substances, which consists of infectious substances.

## 2.28 Criteria for Inclusion in Class 6.1, Toxic Substances

*Substances included in Class 6.1, Toxic Substances, are grouped by oral toxicity, dermal toxicity and inhalation toxicity by dust, mist or vapour. Toxicity by inhalation of a gas is covered in Class 2.3, Toxic Gases.*

A substance is included in Class 6.1

- (a) due to oral toxicity if its LD<sub>50</sub> (oral) is less than or equal to 300 mg/kg;  
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- (b) due to dermal toxicity if its LD<sub>50</sub> (dermal) is less than or equal to 1 000 mg/kg; or
- (c) due to inhalation toxicity
  - (i) by dust or mist if dust or mist is likely to be produced in a transport accident and its LC<sub>50</sub> (inhalation) is less than or equal to 4 mg/L, or  
*SOR/2008-34*
  - (ii) by vapour if its LC<sub>50</sub> (inhalation) is less than or equal to 5 000 mL/m<sup>3</sup>.

## 2.29 Packing Groups

- (1) When a substance is known to be included in Class 6.1 and that knowledge is based on documentary evidence published in technical journals or government publications and testing is not done to determine the packing group, the substance must be included in Packing Group I.
- (2) Substances that are included in Class 6.1 due to
  - (a) oral toxicity are included in one of the following packing groups:
    - (i) Packing Group I, if the LD<sub>50</sub> (oral) is less than or equal to 5 mg/kg,
    - (ii) Packing Group II, if the LD<sub>50</sub> (oral) is greater than 5 mg/kg but less than or equal to 50 mg/kg, or
    - (iii) Packing Group III, if the LD<sub>50</sub> (oral) is greater than 50 mg/kg but less than or equal to 300 mg/kg;  
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  - (b) dermal toxicity are included in one of the following packing groups:
    - (i) Packing Group I if the LD<sub>50</sub> (dermal) is less than or equal to 50 mg/kg,
    - (ii) Packing Group II if the LD<sub>50</sub> (dermal) is greater than 50 mg/kg but less than or equal to 200 mg/kg, or
    - (iii) Packing Group III if the LD<sub>50</sub> (dermal) is greater than 200 mg/kg but less than or equal to 1 000 mg/kg;  
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  - (c) inhalation toxicity by dust or mist are included in one of the following packing groups:
    - (i) Packing Group I if the LC<sub>50</sub> (inhalation) is less than or equal to 0.2 mg/L,  
*SOR/2012-245*
    - (ii) Packing Group II if the LC<sub>50</sub> (inhalation) is greater than 0.2 mg/L but less than or equal to 2 mg/L, or
    - (iii) Packing Group III if the LC<sub>50</sub> (inhalation) is greater than 2 mg/L but less than or equal to 4 mg/L;  
*SOR/2008-34*
  - (d) inhalation toxicity by vapour are included in one of the following packing groups, where "V" is the saturated vapour concentration in millilitres per cubic metre of air at 20°C and at 101.3 kPa:
    - (i) Packing Group I, if
      - (A) V is greater than or equal to 10 multiplied by the LC<sub>50</sub>, and
      - (B) the LC<sub>50</sub> is less than or equal to 1 000 mL/m<sup>3</sup>,

- (ii) Packing Group II, if
  - (A) V is greater than or equal to the LC<sub>50</sub>,
  - (B) the LC<sub>50</sub> is less than or equal to 3 000 mL/m<sup>3</sup>, and
  - (C) the criteria for Packing Group I are not met, or
- (iii) Packing Group III, if
  - (A) V is greater than or equal to 0.2 multiplied by the LC<sub>50</sub>,
  - (B) the LC<sub>50</sub> is less than or equal to 5 000 mL/m<sup>3</sup>, and
  - (C) the criteria for inclusion in Packing Group I or II are not met.

### **2.30 Determination of LD<sub>50</sub> (oral or dermal)**

LD<sub>50</sub> (oral or dermal) values for solid or liquid substances or for a mixture of solid or liquid substances must be determined

- (a) by using the LD<sub>50</sub> values published in technical journals or in government publications;
- (b) in accordance with section 2.6.2.3 of Chapter 2.6 of the UN Recommendations; or
- (c) for a mixture of solid or liquid substances, in accordance with section 2.31.

### **2.31 Determination of LD<sub>50</sub> (oral or dermal) of a Mixture of Substances**

*This section provides a method for making an acceptable approximation of the LD<sub>50</sub> of a mixture of solid or liquid substances. The methods in paragraphs 2.30(a) and (b) are more exact.*

To determine the LD<sub>50</sub> of a mixture of solid or liquid substances when the LD<sub>50</sub> of each of the substances is known, use 1 000 mg/kg as the toxic limit and

- (a) if the mixture contains only one substance with an LD<sub>50</sub> less than or equal to the toxic limit (called “Substance A”), use the following calculation:

$$\text{LD}_{50} \text{ of the mixture} = \frac{\text{LD}_{50} \text{ of Substance A}}{\text{fraction by mass of Substance A in the mixture}}$$

or

- (b) if the mixture contains more than one substance with an LD<sub>50</sub> less than or equal to the toxic limit (called “Substance A”, “Substance B”, etc.),
  - (i) determine the lowest LD<sub>50</sub> of all substances, assign that LD<sub>50</sub> to all substances whose actual LD<sub>50</sub> is less than or equal to the toxic limit, then use the calculation in paragraph (a) using that assigned LD<sub>50</sub> and taking as the mass of Substance A in the formula the total of the masses of all substances whose actual LD<sub>50</sub> is less than or equal to the toxic limit, or
  - (ii) use the following calculations:
    - (A) determine the contributing number (CN) of each of the substances with an LD<sub>50</sub> less than or equal to the toxic limit using the formula

$$\text{CN for Substance A} = \frac{\text{LD}_{50} \text{ of Substance A}}{\text{fraction by mass of Substance A in the mixture}}$$

- (B) combine the contributing numbers (CN) of each substance with an LD<sub>50</sub> less than or equal to the toxic limit as

$$T = \frac{1}{\text{CN Substance A}} + \frac{1}{\text{CN Substance B}} + (\text{as needed})$$

and

- (C) obtain the LD<sub>50</sub> of the mixture by dividing 1 by the number T (LD<sub>50</sub> of the mixture = 1 / T).

### **2.32 Determination of LC<sub>50</sub> (dust, mist or vapour)**

LC<sub>50</sub> values for a substance in the form of a dust, mist or vapour or for a mixture of substances in the form of a dust, mist or vapour must be determined

- (a) by using the LC<sub>50</sub> values published in technical journals or in government publications;
- (b) in accordance with sections 2.6.2.2.4.2 to 2.6.2.2.4.7 of Chapter 2.6 of the UN Recommendations; or
- (c) for a mixture of substances, in accordance with section 2.33.

### **2.33 Determination of LC<sub>50</sub> (dust, mist or vapour) of a Mixture of Substances**

*This section provides a method for making an acceptable approximation of the LC<sub>50</sub> of a mixture of substances. The methods in paragraphs 2.32(a) and (b) are more exact.*

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To determine the LC<sub>50</sub> of a mixture of substances that are in the form of a dust, mist or vapour, when the LC<sub>50</sub> of each of the substances is known, make the determination in accordance with section 2.17, except that for a dust use 10 mg/L as the toxic limit and for a mist use 2 mg/L as the toxic limit. For a substance in the form of vapour the toxic limit is the same as for a gas, which is 5 000 mL/m<sup>3</sup>.

### **2.34 Determination of the Packing Group of a Mixture of Liquids with an Inhalation Toxicity by Vapour**

(1) The first step in determining the packing group of a mixture of liquids with an inhalation toxicity by vapour when one or more of the substances has an LC<sub>50</sub> (vapour) less than or equal to 5 000 mL/m<sup>3</sup>, and the LC<sub>50</sub> of each substance is known, is to determine the following data:

- (a) determine the LC<sub>50</sub> (vapour) for the mixture in accordance with section 2.33;
- (b) where P<sub>i</sub> is the vapour pressure of the i<sup>th</sup> substance in kPa at 20°C and an absolute pressure of 101.3 kPa, determine the volatility, V<sub>i</sub>, of each substance in the mixture as  

$$V_i = P_i \text{ multiplied by } 10^6 \text{ then divided by } 101.3;$$
- (c) determine the ratio of the volatility of a substance to its LC<sub>50</sub> for each substance with an LC<sub>50</sub> less than or equal to 5 000 mL/m<sup>3</sup> as  

$$R_i = V_i \text{ divided by the LC}_{50} \text{ of the } i^{\text{th}} \text{ substance};$$

and
- (d) set R equal to the sum of the R<sub>i</sub> for each of the substances with an LC<sub>50</sub> less than or equal to 5 000 mL/m<sup>3</sup> as  

$$R = R_1 + R_2 + \dots + (\text{as needed}).$$

(2) Using the data determined in accordance with subsection (1), the mixture is included in one of the following packing groups:

- (a) Packing Group I, if
  - (i) R is greater than or equal to 10, and
  - (ii) the LC<sub>50</sub> (mixture) is less than or equal to 1 000 mL/m<sup>3</sup>;
- (b) Packing Group II, if
  - (i) R is greater than or equal to 1,
  - (ii) the LC<sub>50</sub> (mixture) is less than or equal to 3 000 mL/m<sup>3</sup>, and

- (iii) the criteria for inclusion in Packing Group I are not met; or
- (c) Packing Group III, if
- (i) R is greater than or equal to 0.2,
  - (ii) the LC<sub>50</sub> (mixture) is less than or equal to 5 000 mL/m<sup>3</sup>, and
  - (iii) the criteria for inclusion in Packing Group I or II are not met.

## 2.35 Determination of the Packing Group of a Mixture of Liquids with an Inhalation Toxicity and an Unknown LC<sub>50</sub>

*This section provides a method of directly determining the packing group of a mixture of liquids that has an inhalation toxicity without requiring that the exact LC<sub>50</sub> be found.*

- (1) A mixture of liquids with an inhalation toxicity and an unknown LC<sub>50</sub> is included in Packing Group I if it meets the following criteria:
- (a) when a sample of the mixture is vapourized and diluted with air to create a test atmosphere of 1 000 mL/m<sup>3</sup> and 10 young adult albino rats (5 male and 5 female) are exposed to the test atmosphere for 1 hour and observed for 14 days, the result is the death of 5 or more of the animals within the 14-day observation period; and
  - (b) when a sample of the vapour in equilibrium with the mixture at 20°C is diluted with 9 equal volumes of air to form a test atmosphere and 10 young adult albino rats (5 male and 5 female) are exposed to the test atmosphere for 1 hour and observed for 14 days, the result is the death of 5 or more of the animals within the 14-day observation period.
- In this case the mixture is presumed to have an LC<sub>50</sub> less than or equal to 1 000 mL/m<sup>3</sup> and a volatility greater than or equal to 10 times the mixture's LC<sub>50</sub>.*
- (2) A mixture of liquids with an inhalation toxicity and an unknown LC<sub>50</sub> is included in Packing Group II if it meets the following criteria and the criteria for inclusion in Packing Group I are not met:
- (a) when a sample of the mixture is vapourized and diluted with air to create a test atmosphere of 3 000 mL/m<sup>3</sup> and 10 young adult albino rats (5 male and 5 female) are exposed to the test atmosphere for 1 hour and observed for 14 days, the result is the death of 5 or more of the animals within the 14-day observation period; and
  - (b) when a sample of the vapour in equilibrium with the mixture at 20°C is used to form a test atmosphere and 10 young adult albino rats (5 male and 5 female) are exposed to the test atmosphere for 1 hour and observed for 14 days, the result is the death of 5 or more of the animals within the 14-day observation period.
- In this case the mixture is presumed to have an LC<sub>50</sub> less than or equal to 3 000 mL/m<sup>3</sup> and a volatility greater than or equal to the mixture's LC<sub>50</sub>.*
- (3) A mixture of liquids with an inhalation toxicity and an unknown LC<sub>50</sub> is included in Packing Group III if it meets the following criteria and the criteria for inclusion in Packing Group I or II are not met:
- (a) when a sample of the mixture is vapourized and diluted with air to create a test atmosphere of 5 000 mL/m<sup>3</sup> and 10 young adult albino rats (5 male and 5 female) are exposed to the test atmosphere for 1 hour and observed for 14 days, the result is the death of 5 or more of the animals within the 14-day observation period; and
  - (b) when the vapour pressure of the mixture is measured, the vapour concentration is greater than or equal to 1 000 mL/m<sup>3</sup>.
- In this case the mixture is presumed to have an LC<sub>50</sub> less than or equal to 5 000 mL/m<sup>3</sup> and a volatility greater than or equal to 0.2 times the mixture's LC<sub>50</sub>.*
- (4) If only LC<sub>50</sub> data relating to 4-hour exposures to dust or mist are available, those figures can be multiplied by 4 and the result taken as the LC<sub>50</sub> data for 1 hour, that is LC<sub>50</sub> 4 hours (dust or mist) multiplied by 4 is equivalent to LC<sub>50</sub> 1 hour.

- (5) If only LC<sub>50</sub> data relating to 4-hour exposures to vapour are available, those figures can be multiplied by 2 and the result taken as the LC<sub>50</sub> data for 1 hour, that is LC<sub>50</sub> 4 hours (vapour) multiplied by 2 is equivalent to LC<sub>50</sub> 1 hour.

## 2.36 Infectious Substances

*Assistance for classifying infectious substances may be obtained from the Director, Office of Laboratory Security, Public Health Agency of Canada, or from the Director, Biohazard Containment and Safety, Canadian Food Inspection Agency.  
SOR/2008-34*

*An infectious substance is defined in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases, as “a substance known or reasonably believed to contain viable micro-organisms such as bacteria, viruses, rickettsia, parasites, fungi and other agents such as prions that are known or reasonably believed to cause disease in humans or animals and that are listed in Appendix 3 to Part 2, Classification, or that exhibit characteristics similar to a substance listed in Appendix 3”.*

*SOR/2008-34*

- (1) Substances are included in Class 6.2, Category A or Category B if they are infectious substances and are listed in Appendix 3 to this Part or exhibit characteristics similar to a substance listed in that appendix.  
*SOR/2008-34*
- (2) Infectious substances that are included in Category A and that are in a form other than a culture may be handled, offered for transport or transported as Category B in accordance with the conditions set out in paragraphs 1.39(a) to (c) of Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases.  
*SOR/2008-34*
- (3) Despite subsection (2), the following infectious substances included in Category A, and any substance that exhibits characteristics similar to these substances, must always be handled, offered for transport or transported as Category A:
- (a) Crimean-Congo Hemorrhagic fever virus;
  - (b) Ebola virus;
  - (c) Flexal virus;
  - (d) Guanarito virus;
  - (e) Hantaviruses causing hemorrhagic fever with renal syndrome;
  - (f) Hantaviruses causing pulmonary syndrome;
  - (g) Hendra virus;
  - (h) Herpes B virus (Cercopithecine Herpesvirus-1);
  - (i) Junin virus;
  - (j) Kyasanur Forest virus;
  - (k) Lassa virus;
  - (l) Machupo virus;
  - (m) Marburg virus;
  - (n) Monkeypox virus;
  - (o) Nipah virus;
  - (p) Omsk hemorrhagic fever virus;
  - (q) Russian Spring – Summer encephalitis virus;
  - (r) Sabia virus; and
  - (s) Variola (smallpox virus).

*SOR/2008-34*

### **2.36.1 Medical or Clinical Waste SOR/2014-306**

Dangerous goods that are medical or clinical waste must be classified

- (a) under UN2814 or, as applicable, under UN2900, if they contain Category A infectious substances;
- (b) under UN3291, if they contain Category B infectious substances; or
- (c) under UN3291, if the shipper has reasonable grounds to believe that they have a low probability of containing infectious substances.

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*For the classification of medical or clinical wastes, international, national or provincial reference catalogues may be taken into account.*

*Note: The shipping name for UN3291 is “CLINICAL WASTE, UNSPECIFIED, N.O.S.” or “(BIO)MEDICAL WASTE, N.O.S.” or “REGULATED MEDICAL WASTE, N.O.S.”*

*SOR/2014-306*

### **Class 7, Radioactive Materials**

#### **2.37 General**

Substances defined as Class 7, Radioactive Materials in the Packaging and Transport of Nuclear Substances Regulations are included in Class 7, Radioactive Materials.

*SOR/2008-34*

*In these Regulations, the words “Class 7, Radioactive Materials” are used rather than the words that are used in the schedule to the Act, “Class 7, Nuclear Substances, within the meaning of the ‘Nuclear Safety and Control Act’, that are radioactive so that the Regulations are more easily read in conjunction with international documents incorporated by reference in them.*

*SOR/2008-34*

#### **2.38 Divisions**

There are no divisions for Class 7.

#### **2.39 Packing Groups**

There are no packing groups for Class 7.

## Class 8, Corrosives

### 2.40 General

Substances are included in Class 8, Corrosives, if they

- (a) are known to cause full thickness destruction of human skin, that is, skin lesions that are permanent and destroy all layers of the outer skin through to the internal tissues;
- (b) cause full thickness skin destruction, as determined in accordance with OECD Guidelines 430 or OECD Guidelines 431; or  
*SOR/2014-306*
- (c) do not cause full thickness destruction of skin, but exhibit a corrosion rate that exceeds 6.25 mm per year at a test temperature of 55°C, as determined in accordance with section 37 of Part III of the Manual of Tests and Criteria.  
*SOR/2017-137*

### 2.41 Divisions

There are no divisions for Class 8.

### 2.42 Packing Groups

- (1) If a substance is known to be included in Class 8, Corrosives, and that knowledge is based on documentary evidence published in technical journals or government publications and testing is not done to determine the packing group, the substance must be included in Packing Group I.
- (2) Class 8, Corrosives, are included in one of the following packing groups:
  - (a) Packing Group I, if
    - (i) they are known to cause full thickness destruction of human skin, that is, skin lesions that are permanent and that destroy all layers of the outer skin through to the internal tissues, or
    - (ii) full thickness destruction of intact skin tissue occurs within an observation period of 60 minutes after an exposure time of 3 minutes or less, as determined in accordance with OECD Guidelines 404 or OECD Guidelines 435;  
*SOR/2014-306*
  - (b) Packing Group II, if full thickness destruction of skin occurs within an observation period of 14 days after an exposure time of more than 3 minutes but not more than 60 minutes, as determined in accordance with OECD Guidelines 404 or OECD Guidelines 435; or  
*SOR/2014-306*
  - (c) Packing Group III, if
    - (i) full thickness destruction of intact skin tissue occurs within an observation period of 14 days after an exposure time of more than 60 minutes but not more than 4 hours, as determined in accordance with OECD Guidelines 404 or OECD Guidelines 435, or  
*SOR/2014-306*
    - (ii) they exhibit a corrosion rate that exceeds 6.25 mm per year at a test temperature of 55°C on steel or aluminum surfaces as determined in accordance with subparagraph 2.8.2.5(c)(ii) of the UN Recommendations.  
*SOR/2014-306*

**Table**

<i>Packing Group</i>	<i>Exposure Time</i>	<i>Observation Period</i>	<i>Effect</i>
<i>I</i>	$\leq 3$ minutes	$\leq 60$ minutes	<i>Full thickness destruction of intact skin</i>
<i>II</i>	$> 3$ minutes $\leq 1$ h	$\leq 14$ days	<i>Full thickness destruction of intact skin</i>
<i>III</i>	$> 1$ h $\leq 4$ h	$\leq 14$ days	<i>Full thickness destruction of intact skin</i>
<i>III</i>	-	-	<i>Corrosion rate that exceeds 6.25 mm a year on either steel or aluminum surfaces at a test temperature of 55°C when tested on both materials</i>

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- (3) An in vitro test may be used instead of the test in the OECD Guidelines.

### **Class 9, Miscellaneous Products, Substances or Organisms**

#### **2.43 General**

A substance is included in Class 9, Miscellaneous Products, Substances or Organisms, if it

- (a) is included in Class 9 in column 3 of Schedule 1; or
- (b) is not included in Class 9 in column 3 of Schedule 1 and does not meet the criteria for inclusion in any of Classes 1 to 8 and *SOR/2008-34*

(i) ***Repealed SOR/2014-306***

(ii) is a marine pollutant under section 2.7 of Part 2 (Classification), or  
*SOR/2014-306*

*For a liquid, the UN number and shipping name are UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., and for a solid, the UN number and shipping name are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.*

(iii) except for asphalt or tar, is offered for transport or transported at a temperature greater than or equal to 100°C if it is in a liquid state or at a temperature greater than or equal to 240°C if it is in a solid state,

*For a liquid, the UN number and shipping name are UN3257, ELEVATED TEMPERATURE LIQUID, N.O.S., and for a solid, the UN number and shipping name are UN3258, ELEVATED TEMPERATURE SOLID, N.O.S.*

(iv) ***Repealed SOR/2008-34***

(v) ***Repealed SOR/2008-34***

#### **2.43.1 Lithium Cells and Batteries *SOR/2014-306***

- (1) A person must not handle, offer for transport or transport lithium cells and batteries under any of the following shipping names unless the cells and batteries meet the conditions set out in subsection (2):
- (a) UN3090, LITHIUM METAL BATTERIES;
  - (b) UN3091, LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT or LITHIUM METAL BATTERIES

PACKED WITH EQUIPMENT;

- (c) UN3480, LITHIUM ION BATTERIES; or
- (d) UN3481, LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT or LITHIUM ION BATTERIES PACKED WITH EQUIPMENT.

*Lithium cells and batteries are classified under*

- (a) *UN3090, LITHIUM METAL BATTERIES, if they contain lithium metal or lithium alloy;*
- (b) *UN3091, LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT or LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, if they contain lithium metal or lithium alloy and are contained in or packed with equipment;*
- (c) *UN3480, LITHIUM ION BATTERIES, if they contain any type of lithium ion; and*
- (d) *UN3481, LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT or LITHIUM ION BATTERIES PACKED WITH EQUIPMENT, if they contain any type of lithium ion and are contained in or packed with equipment.*

- (2) The conditions are as follows:

- (a) the cell or battery type passes each test set out in subsection 38.3 of Part III of the Manual of Tests and Criteria;
- (b) each cell or battery has a safety venting device or is designed to prevent a violent rupture under normal conditions of transport;
- (c) each cell or battery is equipped to prevent external short circuits; and
- (d) each battery containing cells or a series of cells connected in parallel is equipped with diodes, fuses or other devices that prevent dangerous reverse current flow.

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#### **2.44 Divisions**

There are no divisions for Class 9.

#### **2.45 Packing Groups**

Substances included in Class 9, Miscellaneous Products, Substances and Organisms, are included in Packing Group III unless they are included in a different packing group shown for them in column 4 of Schedule 1.

**APPENDIX 1 --- *Repealed SOR/2014-306*****APPENDIX 2  
SOR/2008-34****DESCRIPTION OF COMPATIBILITY GROUPS CLASS 1, EXPLOSIVES**

Item	Column 1 Description	Column 2 Compatibility Group	Column 3 Possible Class
1.	Primary explosive substance	A	1.1
2.	Article containing a primary explosive substance and not containing two or more effective protective features. Some articles (such as detonators for blasting, detonator assemblies for blasting and primers, cap-type) are included in the compatibility group set out in column 2 even though they do not contain primary explosives	B	1.1 1.2 1.4
3.	Propellant explosive substance or other deflagrating explosive substance or article containing such an explosive substance	C	1.1 1.2 1.3 1.4
4.	Secondary detonating explosive substance or black powder or article containing a secondary detonating explosive substance, in each case without means of initiation and without a propelling charge or article containing a primary explosive substance and containing two or more effective protective features	D	1.1 1.2 1.4 1.5
5.	Article containing a secondary detonating explosive substance, without means of initiation, with a propelling charge (other than one containing a flammable liquid, flammable gel or hypergolic liquids)	E	1.1 1.2 1.4
6.	Article containing a secondary detonating explosive substance with its own means of initiation, with a propelling charge (other than one containing a flammable liquid, flammable gel or hypergolic liquids) or without a propelling charge	F	1.1 1.2 1.3 1.4
7.	Pyrotechnic substance, an article containing a pyrotechnic substance or an article containing an explosive substance and an illuminating, incendiary, tear- or smoke-producing substance (other than a water-activated article or one containing white phosphorus, phosphides, a pyrophoric substance, a flammable liquid, flammable gel or hypergolic liquids)	G	1.1 1.2 1.3 1.4
8.	Article containing an explosive substance and white phosphorus	H	1.2 1.3
9.	Article containing an explosive substance and a flammable liquid or flammable gel	J	1.1 1.2 1.3
10.	Article containing an explosive substance and a toxic substance	K	1.2 1.3
11.	Explosive substance or article containing an explosive substance and presenting a special risk (e.g., that is due to water activation or to the presence of hypergolic liquids, phosphides or a pyrophoric substance) that needs isolation of each type	L	1.1 1.2 1.3
12.	Articles containing only extremely insensitive detonating substances	N	1.6
13.	Substance or article packed or designed so that any hazardous effects arising from accidental functioning are confined within the means of containment unless the means of containment has been degraded by fire, in which case all blast or projection effects are limited to the extent that they do not significantly hinder or prevent fire fighting or other emergency response efforts in the immediate vicinity of the means of containment	S	1.4

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**APPENDIX 3**  
*SOR/2008-34*

**GUIDE TO CATEGORY A AND CATEGORY B ASSIGNMENT**

*Infectious substances are divided into two categories: Category A and Category B. This Appendix is a list of infectious substances by category. Category A is identified by two UN numbers and shipping names, UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS and UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS. Category B is identified by one UN number and shipping name, UN3373, BIOLOGICAL SUBSTANCE, CATEGORY B.*

*The lists in this Appendix are not exhaustive or complete and are provided for guidance to those who must classify infectious substances. If there is any doubt as to whether a substance is infectious or as to the category to which it must be assigned, assistance may be obtained from the Director, Office of Laboratory Security, Public Health Agency of Canada, or from the Director, Biohazard Containment and Safety, Canadian Food Inspection Agency.*

*An infectious substance is defined in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases, as “a substance known or reasonably believed to contain viable micro-organisms such as bacteria, viruses, rickettsia, parasites, fungi and other agents such as prions that are known or reasonably believed to cause disease in humans or animals and that are listed in Appendix 3 to Part 2, Classification, or that exhibit characteristics similar to a substance listed in Appendix 3”.*

*If the symbol “@” appears beside an infectious substance listed in this Appendix, that infectious substance affects animals only. The UN number and shipping name are UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS or UN3373, BIOLOGICAL SUBSTANCE, CATEGORY B.*

*If there is no symbol “@”, the infectious substance affects humans or animals. The UN number and shipping name is UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS or UN3373, BIOLOGICAL SUBSTANCE, CATEGORY B.*

*The item column gives sequential item numbers for the entries in this Appendix. Beside the item number in parentheses is the corresponding item number in the French-language Appendix.*

*Substances with an asterisk “\*” against them in column 3 of the Category A list require an Emergency Response Assistance Plan in accordance with subsection 7.1(7) of Part 7, Emergency Response Assistance Plan.*

*SOR/2011-239*

**UN2814, Category A — Virus and Bacteria****Virus**

Item	Column 1 Family	Column 2 Genus	Column 3 Species
1 (1)	Arenaviridae	Arenavirus	(a) Flexal virus (b) Guanarito virus* (c) Junin virus* (d) Lassa virus* (e) Machupo virus* (f) Sabia virus*
2 (2)	Bunyaviridae	(1) Hantavirus	(a) Hantaviruses causing hemorrhagic fever with renal syndrome (b) Hantaviruses causing pulmonary syndrome
		(2) Nairovirus	Crimean-Congo hemorrhagic fever virus*
		(3) Phlebovirus	Rift Valley Fever virus
3 (3)	Coronaviridae	Coronavirus	Human Coronavirus — SARS, Severe Acute Respiratory Syndrome
4 (4)	Filoviridae	Filovirus	(a) Ebola virus* (b) Marburg virus*
5 (5)	Flaviviridae	Flavivirus	(a) Dengue virus (b) Japanese encephalitis virus (c) Kyasanur Forest virus* (d) Omsk hemorrhagic fever virus* (e) Russian spring-summer encephalitis virus* (f) Tick-borne encephalitis virus (g) West Nile fever virus (h) Yellow fever virus (wild type)
6 (6)	Hepadnaviridae	Orthohepadna virus	Hepatitis B virus
7 (7)	Herpesviridae (Alphaherpesvirinae)	Simplexvirus	Herpes B virus* (Cercopithecine Herpesvirus-1): (a) Herpesvirus simiae (b) Monkey B virus
8 (8)	Orthomyxoviridae	Influenzavirus A, B and C	Highly pathogenic avian influenza virus
9 (9)	Paramyxoviridae	Henipa virus (formerly: Morbillivirus)	(a) Hendra virus* (b) Nipah virus* (Hendra-like virus)
10 (10)	Picornaviridae	Enterovirus	Polioviruses
11 (11)	Poxviridae	Orthopoxvirus	(a) Monkeypox virus (b) Variola* (smallpox virus)
12 (12)	Retroviridae	Lentivirus	Human Immunodeficiency virus
13 (13)	Rhabdoviridae	Lyssavirus	Rabies virus
14 (14)	Togaviridae	Alphavirus	(a) Eastern equine encephalitis virus (b) Venezuelan equine encephalitis virus

**Bacteria**

Item	Column 1 Family	Column 2 Genus	Column 3 Species
1 (1)		Bacillus	anthracis
2 (2)		Brucella	(a) abortus (b) melitensis (c) suis
3 (3) <i>SOR/2012-245</i>		Burkholderia	(a) mallei (formerly: pseudomonas mallei) (Glanders) (b) pseudomallei (formerly: pseudomonas pseudomallei)
4 (4)		Chlamydia	psittaci (avian strains)
5 (5)		Clostridium	botulinum
6 (6)		Coccidioides	Immitis
7 (7)		Coxiella	burnetti
8 (8)		Escherichia	coli verotoxigenic — ETEC

Item	Column 1 Family	Column 2 Genus	Column 3 Species
9 (9)		Francisella	tularensis
10 (10)		Mycobacterium	tuberculosis
11 (11)		Rickettsia	(a) prowazekii (b) rickettsii
12 (12)		Shigella	dysenteriae (Type 1)
13 (13)		Yersinia	Pestis

**UN2900, Category A — Virus and Bacteria**

**Virus**

Item	Column 1 Family	Column 2 Genus	Column 3 Species
1 (1)	Flaviviridae	Pestivirus	Hog Cholera virus (Classical Swine Fever)
2 (2)	Paramyxoviridae	Morbillivirus	(a) Peste des petits ruminants virus (b) Rinderpest virus
3 (3)	Paramyxoviridae (subfamily Paramyxovirinae)	Rubulavirus	Avian paramyxovirus Type 1 Velogenic Newcastle virus
4 (4)	Picornaviridae	(1) Aphthovirus  (2) Enterovirus	Foot and mouth disease virus*  Swine vesicular disease virus
5 (5)	Poxviridae	Capripoxvirus	(a) Goat pox virus (b) Lumpy skin disease virus (c) Sheep pox virus
6 (6)	Rhabdoviridae	Vesiculovirus	Vesicular stomatitis virus
7 (7)	Unclassified	Unclassified	African Swine fever virus

**Bacteria**

Item	Column 1 Family	Column 2 Genus	Column 3 Species
1 (1)		Mycoplasma	mycoïdes

**UN3373, Category B — Virus, Bacteria and Fungi**

**Virus**

Item	Column 1 Family	Column 2 Genus	Column 3 Species
1 (1)	Adenoviridae	(1) Aviadenovirus	Animal, all isolates@
		(2) Mastadenovirus	(a) Adenovirus (human, all types) (b) Animal, all isolates@
2 (2)	Arenaviridae	Arenavirus	(a) Lymphocytic choriomeningitis virus (b) Mopeia virus (c) Tacaribe viruses (d) Whitewater Arroyo virus
3 (3)	Arteviridae	Arterivirus	(a) Equine arteritis virus@ (b) Porcine reproductive/Respiratory syndrome virus@ (c) Simian hemorrhagic fever virus
4 (4)	Astroviridae	Astrovirus	All serotypes

Item	Column 1 Family	Column 2 Genus	Column 3 Species
5 (5)	Birnaviridae	Birnavirus	(a) Infectious bursal disease virus@ (b) Infectious pancreatic necrosis virus@
6 (6)	Bornaviridae	Bornavirus	Borna disease virus (CNS-encephalo-myelitis)
7 (7)	Bunyaviridae	(1) Bunyavirus	(a) Aino virus@ (b) Akabane virus@ (c) Bunyamwera virus (d) California encephalitis virus (e) Jamestown Canyon virus (f) La Crosse virus (g) Lumbo virus (h) Oropouche virus (i) Snowshoe hare virus (j) Tahyna virus
		(2) Hantavirus	(a) Hantaviruses not causing pulmonary syndrome (b) Hantaviruses not causing hemorrhagic fever with renal syndrome
		(3) Nairovirus	(a) Hazara virus (b) Nairobi sheep disease virus@
8 (8)	Caliciviridae	Calicivirus	(a) European brown hare virus@ (b) Feline calicivirus@ (c) Hepatitis E virus (d) Norwalk virus (e) Rabbit hemorrhagic disease virus@ (f) San Miguel sea lion virus@ (g) Vesicular exanthema of swine virus
9 (9)	Circoviridae	Circovirus	(a) Avian circovirus@ (b) Porcine circovirus@
10 (10)	Coronaviridae	(1) Coronavirus	(a) Avian infectious bronchitis virus@ (b) Bovine coronavirus, all strains (c) Canine, Rat and Rabbit coronavirus@ (d) Feline enteric coronavirus@ (e) Feline infectious peritonitis virus@ (f) Hemagglutinating encephalo-myelitis virus of swine@ (g) Human coronavirus, all strains excluding SARS (h) Mouse hepatitis virus@ (i) Porcine epidemic diarrhea virus@ (j) Porcine respiratory coronavirus@ (k) Transmissible gastroenteritis virus of swine@ (l) Turkeys enteritis coronavirus@
		(2) Torovirus	(a) Berne virus@ (b) Breda virus@
11 (11)	Flaviviridae	(1) Flavivirus	(a) Kunjin virus (b) Louping ill virus (c) Murray Valley encephalitis virus (Australia encephalitis) (d) Powassan virus (e) Rocio virus (f) St. Louis encephalitis virus (g) Turkey meningoencephalitis virus (h) Wesselsbron virus (i) Yellow fever virus (vaccine strain 17D)
		(2) Hepacivirus	Hepatitis C virus
		(3) Pestivirus	(a) Border disease virus@ (b) Bovine viral diarrhea virus@
12 (12)	Hepadnaviridae	(1) Delta virus	Hepatitis D (Delta) virus
		(2) Avihepadnavirus	Duck hepatitis B virus@
		(3) Orthohepadnavirus	(a) Ground squirrel hepatitis B virus (b) Woodchuck hepatitis virus@

Item	Column 1 Family	Column 2 Genus	Column 3 Species
13 (13)	Herpesviridae (Alphaherpesvirinae)	(1) Simplexvirus	(a) Human herpes virus 1 (b) Human herpes virus 2 (c) Mammillitis virus (bovine herpes-virus 2)@
		(2) Varicellovirus	(a) All isolates, excluding pseudorabies virus (b) Bovine infectious rhinotracheitis (herpesvirus 1) (c) Equine abortion virus (equine herpesvirus 1)@ (d) Equine coital exanthema virus (equine herpesvirus 3)@ (e) Equine rhinopneumonitis (equine herpesvirus 4)@ (f) Feline rhinotracheitis (feline herpesvirus 1)@ (g) Human herpes virus 3 (Varicella-zoster virus) (f) Pseudorabies virus (suis herpes virus 1) (g) Pseudorabies virus (suis herpes virus 1)
		(3) Unclassified	(a) Canine herpesvirus 1@ (b) Caprine herpesvirus 1@ (c) Cervid herpesvirus 1 and 2@
14 (14)	Herpesviridae (Betaherpesvirinae)	(1) Cytomegalovirus	(a) Human cytomegalovirus (CMV) (b) Porcine cytomegalovirus (suid herpesvirus 2)@
		(2) Muromegalovirus	Caviid herpesvirus (guinea-pig cytomegalovirus)@
		(3) Roseolovirus	Equine cytomegalovirus (equine herpesvirus 2)@
15 (15)	Herpesviridae (Gammaherpesvirinae)	(1) Lymphocrypto-virus	(a) Epstein-Barr-like virus (EBV) (Monkey virus) (b) Epstein-Barr virus (EBV) (Human herpes-virus 4) (c) Human B lymphotropic virus
		(2) Rhadinovirus	(a) Herpesvirus atelos (b) Herpesvirus saimiri (c) Malignant catarrhal fever virus (Alcelaphine herpesvirus)@
16 (16)	Orthomyxoviridae	Influenzavirus A, B and C	Influenza A, B, C and all isolates except influenza A — avian H5 and H7, Human H2 and 1918 H1N1 Spanish flu strain
17 (17)	Paramyxoviridae	Pneumovirus	Turkey rhinotracheitis virus@
18 (18)	Paramyxoviridae (subfamily Paramyxovirinae)	(1) Morbillivirus	(a) Canine distemper virus@ (b) Measles virus (c) Phocine distemper virus@
		(2) Paramyxovirus	Parainfluenza types 1-4
		(3) Respirovirus	(a) Bovine Parainfluenza virus Type 3@ (b) Sendai virus (mouse parainfluenza virus)@
		(4) Rubulavirus	(a) Avian paramyxovirus Types 2 to 9@ (b) Mumps virus
19 (19)	Paramyxoviridae (subfamily Pneumovirinae)	Pneumovirus	(a) Bovine respiratory syncytial virus@ (b) Human respiratory syncytial virus (c) Pneumonia virus of mice@
20 (20)	Parvoviridae	Parvovirus	All isolates
21 (21)	Picornaviridae	(1) Cardiovirus	(a) All isolates (human) (b) Swine encephalomyocarditis virus@ (c) Theiler's murine poliovirus
		(2) Enterovirus	(a) All isolates, excluding Swine vesicular disease virus and Polioviruses (b) Coxsackieviruses
		(3) Hepatovirus	All isolates (including Hepatitis A, human enterovirus type 72)
		(4) Rhinovirus	(a) All isolates (human) (b) Bovine rhinovirus Types 1 to 3@ (c) Equine rhinovirus@ (d) Feline Rhinovirus@ (e) Rhinovirus

Item	Column 1 Family	Column 2 Genus	Column 3 Species
22 (22)	Poxviridae	(1) Avipoxvirus	(a) All isolates@ (animal) (b) All isolates (human)
		(2) Leporipoxvirus	(a) Rabbit (Shope) fibroma virus@ (b) Squirrel fibroma virus@
		(3) Orthopoxvirus	(a) All isolates@, excluding Monkeypox and Variola (smallpox virus) (b) Buffalo pox (c) Cowpox virus (d) Rabbit pox (e) Skunkpox (f) Vaccinia
		(4) Parapoxvirus	(a) All isolates@, excluding Sealpox virus (b) Bovine papular stomatitis virus (c) Orf virus (d) Pseudocowpox virus (paravaccinia) (e) Sealpox virus
23 (23)	Reoviridae	(1) Coltivirus	Coltivirus
		(2) Orbivirus	(a) Epizootic hemorrhagic disease virus@ (b) Equine encephalitis virus@ (c) Ibaraki virus (d) Palyam virus@
		(3) Orthoreovirus	(a) Animal, all isolates except Ndelle and Ourem viruses (b) Types 1, 2 and 3
		(4) Reovirus, types 1 and 2	Animal, all isolates@
		(5) Rotavirus	(a) Animal, all isolates@ (b) Rotavirus
24 (24)	Retroviridae	(1) Betaretrovirus	Mason-Pfizer monkey virus@
		(2) Gammare-trovirus	(a) Animal, all isolates@ (b) Avian reticuloendotheliosis virus
		(3) Deltaretrovirus	Human T-cell lymphotropic viruses (HTLV)
25 (25)	Retroviridae (subfamily Spumavirinae)	(1) Spumavirus	All isolates
		(2) Deltaretrovirus	Bovine leukemia virus@
26 (26)	Rhabdoviridae	(1) Lyssavirus	(a) Australian bat lyssavirus (b) Duvenhage virus (c) European bat lyssavirus I (d) European bat lyssavirus II (e) Lagos bat virus (f) Mokola virus (g) Rabies virus-Fixed virus
		(2) Vesiculovirus	(a) Alagoas virus (b) Chandipura virus (c) Cocal virus (d) Isfahan virus (e) Pyri virus (f) Vesicular stomatitis virus — Indiana lab strain
27 (27)	Togaviridae	(1) Alphavirus	(a) Bebaru virus (b) Chikungunya virus (c) Everglades virus (d) Getah virus (e) Highlands J virus (f) Mayaro virus (g) Mucambo virus (h) Ndumu virus (i) O'Nyong-Nyong virus (j) Ross River virus (k) Semliki forest virus (l) Sindbis (m) Tonate virus (n) Western equine encephalitis virus strain TC-83
		(2) Arterivirus	Equine arteritis virus@
		(3) Pestivirus	Border disease virus
		(4) Rubivirus	Rubella virus

Item	Column 1 Family	Column 2 Genus	Column 3 Species
28 (28)	Transmissible Spongiform Encephalopathies		(a) Bovine spongiform encephalopathy (b) Chronic wasting disease of captive mule deer/elk@ (c) Creutzfeldt-Jacob disease (d) Gertsmann-Straussier-Scheinker (e) Kuru (f) Scrapie@ (g) Transmissible mink encephalopathy@
29 (29)	Unclassified	Unclassified	Swine hepatitis E virus@

**UN3373, Category B — Virus, Bacteria and Fungi — Continued****Bacteria**

Item	Column 1 Genus	Column 2 Species
1 (1)	Acholeplasma	oculi@
2 (2)	Acinetobacter	(a) baumannii (b) calcoaceticus (c) Iwoffii (d) spp
3 (3)	Actinobacillus	(a) actinomycetemcomitans (b) capsulatus@ (c) equuli@ (d) lignieresii@ (e) pleuropneumoniae@ (f) seminis@ (g) spp (h) suis@ (i) ureae@
4 (4)	Actinomadura	(a) madurae (b) pelletieri
5 (5)	Actinomyces	(a) bovis@ (b) gerencseriae (c) hordeovulneris@ (d) israelii (e) naeslundii (f) pyogenes (g) spp (h) suis@ (i) viscosus@
6 (6)	Aeromonas	(a) hydrophila (b) punctata (c) spp
7 (7)	Afipia	spp
8 (8)	Agrobacterium	Radiobacter
9 (9)	Alcaligenes	spp
10 (10)	Amycolata	Autotrophica
11 (11)	Anaplasma	(a) caudatum@ (b) centrale@ (c) marginale@ (d) ovis
12 (12)	Arcanobacterium	(a) haemolyticum (b) pyogenes
13 (13)	Arcobacter	(a) butzleri (b) cryoerophilus (c) spp
14 (14)	Arizona	spp
15 (15)	Bacillus	Cereus

Item	Column 1 Genus	Column 2 Species
16 (16)	Bacteroides	(a) fragilis (b) heparinolyticus@ (c) levii (d) salivosus@ (e) spp
17 (17)	Bartonella	(a) bacilliformis (b) elizabethae (c) henselae (d) quintana (e) spp
18 (18)	Bordetella	(a) avium@ (b) bronchiseptica (c) parapertussis (d) pertussis (e) spp
19 (19)	Borrelia	(a) burgdorferi (b) duttonii (c) recurrentis (d) spp (e) vincenti
20 (20)	Brachyspira	(a) hyodysenteriae (b) innocens
21 (21)	Brucella	(a) canis (b) ovis (c) spp, excluding abortus, melitensis and suis
22 (22)	Burkholderia	(a) cepacia genomovars I (b) cepacia genomovars III (c) gladioli (d) multivorans (e) spp, excluding mallei and pseudomallei (f) stabilis (g) vietnamensis
23 (23)	Campylobacter	(a) coli (b) fetus, subspecies fetus (intestinalis) (c) fetus, subspecies venerealis (d) hyointestinalis (e) jejuni (f) lari (g) mucosalis@ (h) spp (i) sputorum
24 (24)	Capnocytophaga	spp
25 (25)	Cardiobacterium	hominis
26 (26)	Chlamydia	(a) pneumoniae (b) psittaci (non-avian strains) (c) trachomatis
27 (27)	Chryseobacterium	meningosepticum
28 (28)	Citrobacter	(a) diversus (b) freundii (c) spp
29 (29)	Clostridium	(a) chauvoei (b) colinum@ (c) difficile (d) haemolyticum (e) histolyicum (f) novyi (g) perfringens (h) septicum (i) sordellii (j) spiriforme@ (k) spp, excluding botulinum (l) tetani (m) villosum@

Item	Column 1 Genus	Column 2 Species
30 (30)	<i>Corynebacterium</i>	(a) <i>amycolatum</i> (b) <i>cystitidis</i> @ (c) <i>diphtheriae</i> (d) <i>jeikeium</i> (e) <i>kutscheri</i> @ (f) <i>minutissimum</i> (g) <i>pilosum</i> (h) <i>pseudotuberculosis</i> (i) <i>renale</i> (j) spp (k) <i>ulcerans</i>
31 (31)	<i>Dietzia</i>	<i>maris</i>
32 (32)	<i>Dermabacter</i>	<i>hominis</i>
33 (33)	<i>Dermatophilus</i>	<i>congolensis</i>
34 (34)	<i>Dichelobacter</i>	<i>nodosus</i>
35 (35)	<i>Edwardsiella</i>	<i>tarda</i>
36 (36)	<i>Eikenella</i>	<i>corrodens</i>
37 (37)	<i>Enterobacter</i>	(a) <i>aerogenes/cloacae</i> (b) spp
38 (38)	<i>Enterococcus</i>	(a) <i>faecalis</i> (b) <i>faecium</i> (c) spp
39 (39)	<i>Ehrlichia</i>	(a) <i>sennetsu</i> (b) spp
40 (40)	<i>Erysipelothrix</i>	<i>Tonsillarum</i>
41 (41)	<i>Escherichia</i>	(a) <i>coli</i> (b) <i>coli enteroinvasive — EIEC</i> (c) <i>coli enteropathogenic — EPEC</i>
42 (42)	<i>Eubacterium</i>	<i>suis</i> @
43 (43)	<i>Fluoribacter</i>	<i>Bozemaniae</i>
44 (44)	<i>Francisella</i>	(a) <i>novicida</i> (b) <i>philomiragia</i>
45 (45)	<i>Fusobacterium</i>	(a) <i>necrophorum</i> (b) spp
46 (46)	<i>Gardnerella</i>	<i>vaginalis</i>
47 (47)	<i>Gordonia</i>	spp
48 (48)	<i>Haemophilus</i>	(a) <i>ducreyi</i> (b) <i>influenzae</i> (c) <i>influenzaemurium</i> @ (d) <i>paragallinarum</i> (e) <i>paramfluenzae</i> (f) <i>parasuis</i> @ (g) <i>piscium</i> @ (h) <i>sommus</i> @ (i) spp
49 (49)	<i>Helicobacter</i>	(a) <i>cinaedi</i> (b) <i>felis</i> @ (c) <i>fennelliae</i> (d) <i>mustelae</i> (e) <i>nemestriniae</i> (f) <i>pullorum</i> (g) <i>pylori</i>
50 (50)	<i>Hemobartonella</i>	<i>felis</i> @
51 (51)	<i>Kingella</i>	<i>kingae</i>
52 (52)	<i>Klebsiella</i>	(a) <i>granulomatis</i> (b) <i>oxytoca</i> (c) <i>pneumoniae</i> (d) spp
53 (53)	<i>Lactococcus</i>	<i>garvieae</i>
54 (54)	<i>Lawsonia</i>	<i>intracellularis</i> @

Item	Column 1 Genus	Column 2 Species
55 (55)	Legionella	(a) micdadei (b) pneumophila (c) spp
56 (56)	Leptospira	(a) bratislava (b) canicola/copenhageni (c) grippotyphosa (d) hardjo (e) icterohaemorrhagiae (f) interrogans (g) pomona (h) sejroe (i) var ballum
57 (57)	Listeria	(a) ivanovii@ (b) monocytogenes (c) spp
58 (58)	Mannheimia	haemolytica
59 (59)	Moraxella	(a) bovis@ (b) caprae (c) catarrhalis (d) lacunata (e) phenylpyruvica (f) spp
60 (60)	Morganella	morganii
61 (61)	Mycobacterium	(a) africanum (b) asiaticum (c) avium complex (d) avium/intracellulare (e) bovis (f) bovis (BCG) (g) chelonae (h) fortuitum (i) kansasii (j) leprae (k) malmoense (l) marinum (m) microti (n) paratuberculosis (o) scrofulaceum (p) simiae (q) szulgai (r) ulcerans (s) xenopi
62 (62)	Mycoplasma	(a) caviae (b) hominis (c) pneumoniae (d) spp, excluding mycooides
63 (63)	Neisseria	(a) elongata (b) gonorrhoeae (c) meningitidis (d) spp
64 (64)	Neorickettsia	helminthoeca@
65 (65)	Nocardia	(a) asteroides (b) brasiliensis (c) caviae (d) farcinica (e) nova (f) otitidis-caviarum (g) pseudobrasiliensis (h) spp (i) transvalensis
66 (66)	Ochrobactrum	spp
67 (67)	Oligella	spp
68 (68)	Ornithobacterium	rhinotracheale@
69 (69)	Pandorea	spp
70 (70)	Pantoea	agglomerans

Item	Column 1 Genus	Column 2 Species
71 (71)	Pasteurella	(a) aerogenes (b) anatipestifer@ (c) caballi@ (d) canis (e) dagmatis (f) granulomatis@ (g) haemolytica (h) multocida (serotypes B:2 and E:2) (i) multocida, except serotypes B:2 and E:2 (j) multocida, subspecies gallicida (k) multocida, subspecies multocida (l) multocida, subspecies septica (m) pneumotropica (n) spp
72 (72)	Peptostreptococcus	(a) anaerobius (b) indolicus@ (c) spp
73 (73)	Plesiomonas	shigelloides
74 (74)	Porphyromonas	spp
75 (75)	Prevotella	(a) melaninogenica (b) spp
76 (76)	Propionibacterium	propionicum
77 (77)	Proteus	(a) mirabilis (b) penneri (c) spp (d) vulgaris
78 (78)	Providencia	(a) alcalifaciens (b) rettgeri (c) spp
79 (79)	Psychrobacter	(a) immobilis (b) phenylpyruvicus
80 (80)	Pseudomonas	(a) aeruginosa (b) spp
81 (81)	Ralstonia	spp
82 (82)	Rhodococcus	(a) equi (b) spp
83 (83)	Rickettsia	(a) akari (b) australis (c) canadensis (d) conorii (e) helvetica (f) montanensis (g) parkeri (h) rhipicephali (i) spp, excluding prowazekii and rickettsii (j) tsutsugamuchi (k) typhi (mooseri)
84 (84)	Rothia	(a) dentocarosia (b) mucilagenosas

Item	Column 1 Genus	Column 2 Species
85 (85)	Salmonella	(a) abortus equi (b) abortus ovis (c) agona (d) anatum (e) arizonae (f) choleraesuis (g) derby (h) dublin (i) enteritidis (j) gallinarum@ (k) heidelberg (l) montevideo (m) newport (n) (other serovars) (o) paratyphi A, B and C (p) pullorum@ (q) spp (r) typhi (s) typhimurium (t) typhisuis@
86 (86)	Serpulina	spp
87 (87)	Serratia	(a) liquefaciens (b) marcescens
88 (88)	Shigella	(a) boydii (b) dysenteriae (other than Type 1) (c) flexneri (d) sonnei
89 (89)	Staphylococcus	(a) aureus (b) aureus (MRSA) (c) epidermidis (d) intermedius@
90 (90)	Stenotrophomonas	maltophilus
91 (91)	Streptobacillus	(a) moniliformis (b) spp
92 (92)	Streptococcus	(a) agalactiae (b) bovis (c) dysgalactiae (d) equi (e) pneumoniae (f) pyogenes (g) spp (h) suis (i) uberis
93 (93)	Taylorella	equigenitalis@
94 (94)	Treponema	(a) carateum (b) pallidum (c) pertenue (d) spp (e) vincentii
95 (95)	Tsukamurella	spp
96 (96)	Ureaplasma	urealyticum
97 (97)	Vagococcus	salmoninarum@
98 (98)	Vibrio	(a) cholerae (b) parahaemolyticus (c) spp (d) vulnificus
99 (99)	Yersinia	(a) enterocolitica (b) pseudotuberculosis (c) ruckeri@

**UN3373, Category B — Virus, Bacteria and Fungi — Continued****Fungi**

Item	Column 1 Genus	Column 2 Species
1 (1)	Aspergillus	(a) flavus (b) fumigatus (c) nidulans (d) niger (e) oryzae (f) terreus
2 (2)	Blastomyces	dermatitidis (formerly: Ajellomyces dermatitidis)
3 (3)	Candida	(a) albicans (b) glabrata (c) guilliermondii (d) krusei (e) parapsilosis
4 (4)	Cladophialophora	bantiana (formerly: Cladosporium bantianum)
5 (5)	Cladosporium	carriionii
6 (6)	Cryptococcus	neoformans
7 (7)	Emmonsia	parva
8 (8)	Epidermophyton	floccosum
9 (9)	Histoplasma	(a) capsulatum (formerly: Ajellomyces capsulatum) (b) capsulatum var capsulatum (c) capsulatum var duboisii (d) capsulatum var farciminosum
10 (10)	Loboa	loboi
11 (11)	Microsporum	(a) audouinii (b) canis (c) distortum (d) equinum (e) ferrugineum (f) fulvum (g) gypseum (h) nanum (i) persicolor (j) praecox (k) vanbreuseghemii
12 (12)	Paracoccidioides	brasiliensis
13 (13)	Penicillium	marneffei
14 (14)	Sporothrix	(a) Schenckii var luriei (b) Schenckii var schenckii
15 (15)	Trichophyton	(a) concentricum (b) equinum/autotrophicum (c) equinum/equinum (d) gourvilii (e) megnini (f) mentagrophytes/erinacei (g) mentagrophytes/interdigitale (h) mentagrophytes/nodulare (i) mentagrophytes/mentagrophytes (j) mentagrophytes/quinkeanum (k) rubrum (l) schoenleinii (m) simii (n) sudanese (o) tonsurans (p) violaceum (q) yaoundei

**APPENDIX 4 --- Repealed SOR/2008-34****APPENDIX 5 --- Repealed SOR/2008-34**

## PART 3

### DOCUMENTATION

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### ***Background***

*The underlying principle of this Part is that dangerous goods in transport must be accompanied by physical documentation that provides basic information about them.*

*The documentation is prepared by the consignor before the carrier takes possession of the dangerous goods (that is, before the dangerous goods are in transport). The documentation must be kept in specific locations while the dangerous goods are in transport.*

*When information required by this Part is recorded on paper, that paper is a shipping document.*

*A shipping document may be in any form, including a waste manifest or a company-designed form, as long as it contains all the information required by this Part.*

*When information required by this Part is recorded electronically, the resulting document is an electronic copy of a shipping document.*

*A shipping document and an electronic copy of it are both shipping records.*

*When documentation is required to be kept, it may be in the form of a shipping record, that is, on paper or in electronic form.*

*The term “master” is used in this Part and is not defined in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases but is defined in the “Canada Shipping Act”.*

## DOCUMENTATION

### **Definitions**

*Definitions for the following terms, used in this Part, are provided in Part I, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:*

<i>aircraft</i>	<i>ICAO Technical Instructions SOR/2014-152</i>	<i>road vehicle</i>
<i>CANUTEC</i>	<i>IMDG Code SOR/2014-152</i>	<i>ship</i>
<i>carrier</i>	<i>import</i>	<i>shipping document</i>
<i>49 CFR SOR/2014-152</i>	<i>infectious substance</i>	<i>shipping name</i>
<i>class</i>	<i>inspector</i>	<i>shipping record</i>
<i>classification</i>	<i>in transport</i>	<i>small means of containment</i>
<i>compatibility group</i>	<i>liquid</i>	<i>solid</i>
<i>consignor</i>	<i>means of containment</i>	<i>special provision</i>
<i>dangerous goods</i>	<i>means of transport</i>	<i>subsidiary class</i>
<i>dangerous goods safety mark</i>	<i>net explosives quantity</i>	<i>substance</i>
<i>emergency response assistance plan or ERAP or ERP</i>	<i>offer for transport</i>	<i>technical name</i>
<i>flash point</i>	<i>packing group</i>	<i>train</i>
<i>gas</i>	<i>person</i>	<i>UN number</i>
<i>handling</i>	<i>primary class</i>	<i>UN Recommendations</i>
	<i>railway vehicle</i>	

### **3.1 Consignor Responsibilities**

*A person may be both a consignor and a carrier of the same consignment, for example, a manufacturer who also transports the dangerous goods he or she produces.*

- (1) Before allowing a carrier to take possession of dangerous goods for transport, the consignor must prepare and give to that carrier a shipping document or, if the carrier agrees, an electronic copy of the shipping document.
- (2) When dangerous goods are imported into Canada, the consignor must, before the dangerous goods are transported in Canada, ensure that the carrier has a shipping document or, with the agreement of the carrier, an electronic copy of the shipping document that contains the information required by these Regulations.

### **3.2 Carrier Responsibilities**

*According to the definitions of “carrier” and “in transport”, a person such as a freight forwarder who has possession of dangerous goods while they are in transport is a carrier for the purposes of these Regulations.*

- (1) A carrier must not take possession of dangerous goods for transport unless the carrier has the shipping document for the dangerous goods.
- (2) A carrier who accepts an electronic copy of a shipping document must produce a shipping document from the electronic copy before taking possession of the dangerous goods for transport.
- (3) Dangerous goods in transport are in the possession of a carrier from the time the carrier takes possession of them for transport until another person takes possession of them.
- (4) While the dangerous goods are in transport and in the possession of a carrier, the carrier must keep the shipping document in the location specified by sections 3.7 to 3.10.

- (5) At or before the time another carrier takes possession of the dangerous goods, the carrier must give the shipping document or a copy of the shipping document to that other carrier or, with that other carrier's agreement, an electronic copy of it.
- (6) At or before the time a person, other than another carrier, takes possession of the dangerous goods, the carrier of the dangerous goods must give to that person a document that identifies the dangerous goods or, with that person's agreement, an electronic copy of a document that identifies the dangerous goods.
- (7) A carrier may replace a shipping document provided by the consignor with a new shipping document or with a copy of the shipping document in a different format.

### **3.3 Consist for Transport by Rail**

- (1) When a train includes a railway vehicle containing dangerous goods for which a placard is required to be displayed in accordance with Part 4, Dangerous Goods Safety Marks, the person in charge of the train must prepare and give a consist to a member of the train crew. The information on the consist must be kept up to date by the train crew and kept with the shipping document.
- (2) The consist must include, for each railway vehicle containing dangerous goods for which a placard is required to be displayed in accordance with Part 4, Dangerous Goods Safety Marks,
  - (a) the numerical location of the railway vehicle in the train, numbering the first vehicle at the head of the train as 1, the next vehicle as 2 and so on, excluding the locomotive or locomotives wherever they are located in the train;  
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  - (b) the reporting mark of the railway vehicle;
  - (c) for a tank car, the shipping name or UN number of the dangerous goods in the tank car; and
  - (d) for a railway vehicle other than a tank car,
    - (i) the shipping name or UN number of the dangerous goods, if the railway vehicle contains only dangerous goods with the same shipping name and UN number, or
    - (ii) the words "Dangerous Goods" or "Marchandises dangereuses", if the railway vehicle contains dangerous goods that have different shipping names or UN numbers.
- (3) A carrier must be able to immediately provide to CANUTEC a copy of a consist whenever the train to which the consist applies is in operation or is involved in an accident.

### **3.4 Legibility and Language**

- (1) The information required on a shipping document and on a consist must be easy to identify, legible, in indelible print and in English or French.
- (2) When the information related to dangerous goods is on the same shipping document with information related to non-dangerous goods, the dangerous goods information must be shown
  - (a) before the information related to the non-dangerous goods and under the heading "Dangerous Goods" or "Marchandises dangereuses";
  - (b) printed or highlighted in a colour that contrasts with the print or highlight used for the information related to the non-dangerous goods; or
  - (c) following the letter "X" opposite the shipping name in a column under the heading "DG" or "MD".

### **3.5 Information on a Shipping Document**

- (1) The following information must be included on a shipping document:
  - (a) the name and address of the place of business in Canada of the consignor;
  - (b) the date the shipping document or an electronic copy of it was prepared or was first given to a carrier;

- (c) the description of each of the dangerous goods, in the following order:
- (i) the UN number,
  - (ii) the shipping name and, immediately after the shipping name unless it is already part of it,
    - (A) for dangerous goods that are subject to special provision 16, the technical name, in parentheses, of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods, and
    - (B) for a liquefied petroleum gas that has not been odorized, the words “Not Odourized” or “Not Odorized” or “Sans odorisant”,
  - (iii) the primary class, which may be shown as a number only or under the heading “Class” or “Classe” or following the word “Class” or “Classe”,
  - (iv) for dangerous goods with a primary class of Class 1, Explosives, the compatibility group letter following the primary class,
  - (v) the subsidiary class or classes, in parentheses, which may be shown as a number only or under the heading “subsidiary class” or “classe subsidiaire” or following the words “subsidiary class” or “classe subsidiaire”, except that, for transport by aircraft or by ship, the subsidiary class or classes may be shown after the information required by this paragraph,
  - (vi) the packing group roman numeral, which may be shown under the heading “PG” or “GE” or following the letters “PG” or “GE” or following the words “Packing Group” or “Groupe d’emballage”, and
  - (vii) for dangerous goods that are subject to special provision 23, the words “toxic by inhalation” or “toxic – inhalation hazard” or “toxique par inhalation” or “toxicité par inhalation”;

*Examples of descriptions of dangerous goods are:*

*UNI203, GASOLINE, 3, II*

*UNI203, GASOLINE, Class 3, PG II*

*UNI214, ISOBUTYLAMINE, Class 3, Subsidiary Class (8), II*

*UNI214, ISOBUTYLAMINE, Class 3(8), Packing Group II*

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- (d) for each shipping name, the quantity of dangerous goods and the unit of measure used to express the quantity which, on a shipping document prepared in Canada, must be a unit of measure included in the International System of Units (SI) or a unit of measure acceptable for use under the SI system, except that for dangerous goods included in Class 1, Explosives, the quantity must be expressed in net explosives quantity or, for explosives with UN numbers subject to special provision 85 or 86, in number of articles or net explosives quantity;

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*Examples of descriptions of units of measure include “net mass, 30 kg”, “gross mass, 200 kg” or “number of objects, 1 000” or, for a gas, the volume of the means of containment in direct contact with the gas, such as “50 L”. Note that solids are normally measured in kilograms while volumes, including liquid capacities, are normally measured in litres. Using litres for this purpose is acceptable under the SI system.*

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- (e) for dangerous goods in one or more small means of containment that require a label to be displayed on them in accordance with Part 4, Dangerous Goods Safety Marks, the number of small means of containment for each shipping name; and
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- (f) the words “24-Hour Number” or “Numéro 24 heures”, or an abbreviation of these words, followed by a telephone number, including the area code, at which the consignor can be reached immediately for technical information about the dangerous goods in transport, without breaking the telephone connection made by the caller.

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*The terms “24-Hour Number” and “Numéro 24 heures” used in this paragraph refer to the telephone number that must be available when the dangerous goods are in transport. The terms were chosen to emphasize that the requirement is applicable not only during office hours but must also be satisfied at any hour of the day when the dangerous goods are in transport.*

*An example of the type of technical information referred to in paragraph (1)(f) is the information contained in ANSI Standard Z400.1-1998, Material Safety Data Sheet.*

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- (2) The telephone number of a person who is not the consignor, such as CANUTEC, but who is competent to give the technical information required by paragraph (1)(f) in English or in French may be used. However, to use CANUTEC's telephone number, the consignor must receive permission, in writing, from CANUTEC. A consignor who uses the telephone number of an organization or agency other than CANUTEC must ensure that the organization or agency has current, accurate information on the dangerous goods the consignor offers for transport and, if the organization or agency is located outside Canada, the telephone number must include the country code and, if required, the city code.
- (3) A means of containment, or the contents of a means of containment, that is being fumigated with dangerous goods and that is in transport must be accompanied by a shipping document that, despite subsections (1) and (5) and section 3.6, includes the following information if the fumigant is the only dangerous goods in transport in the means of containment:
- (a) the shipping name, "FUMIGATED UNIT" or "ENGIN SOUS FUMIGATION";
  - (b) the class, Class 9;
  - (c) the UN number, UN3359;
  - (d) the quantity of the fumigant;
  - (e) the date of fumigation; and
  - (f) instructions for the disposal of residues of the fumigant or fumigation device.
- (4) Despite paragraph (1)(d), if the quantity of dangerous goods in a means of containment is less than 10 per cent of the maximum fill limit of the means of containment, the words "Residue — Last Contained" or "Résidu — dernier contenu" may be added before or after the description of the dangerous goods. These words must not, however, be used for dangerous goods included in Class 2, Gases, that are in a small means of containment or for dangerous goods included in Class 7, Radioactive Materials.

*For example:*

*Residue — Last Contained, UN1203, GASOLINE, 3, II  
UN1203, GASOLINE, 3, II, Residue — Last Contained*

*SOR/2014-306*

- (5) If the quantity of dangerous goods required on a shipping document under paragraph (1)(d) or the number of small means of containment required under paragraph (1)(e) changes during transport, the carrier must show those changes on the shipping document or on a document attached to the shipping document.

*How the carrier shows the change in quantity is the carrier's choice. The carrier can change the number used to express quantity or the carrier may mark on the shipping document, or on a document attached to the shipping document, the additions to or the subtractions from the number used to express quantity.*

*The quantity of dangerous goods is expressed in kilograms for solids, in litres for liquids and in kilograms or litres for gases. It may also be expressed as a number of items.*

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- (6) *Repealed SOR/2008-34*

- (7) *Repealed SOR/2014-306*

### 3.6 Additional Information on a Shipping Document

- (1) In addition to the information required by subsection 3.5(1), the shipping document for dangerous goods for which an emergency response assistance plan is required under Part 7, Emergency Response Assistance Plan, must include
- (a) the reference number of the emergency response assistance plan issued by Transport Canada preceded or followed by the letters "ERP" or "ERAP" or "PIU"; and
  - (b) the telephone number, including the area code, to call to have the emergency response assistance plan activated immediately.

- (2) If the 24-hour number required by paragraph 3.5(1)(f) and the emergency response assistance plan telephone number are the same, that number may be shown on the same line on the shipping document.

*For example,*

*24-Hour Number and 3-2021 ERP: 613-123-4567*

*24-Hour Number and ERAP 3-2021: 613-123-4567*

*3-2021 ERP and 24-Hour Number: 613-123-4567*

*ERAP 3-2021 and 24-Hour Number: 613-123-4567*

- (3) In addition to the information required by subsection 3.5(1), the following information must be included on a shipping document:

- (a) for dangerous goods in transport by ship,

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- (i) the flash point for dangerous goods included in Class 3, Flammable Liquids, and  
(ii) for dangerous goods that are marine pollutants under section 2.7 of Part 2, Classification, the words “marine pollutant” or “polluant marin” and, for a pesticide that is a marine pollutant, the name and concentration of the most active substance in the pesticide;
- (b) for dangerous goods included in Class 4.1, Flammable Solids, the control and emergency temperatures shown in section 2.4.2.3.2.3 of Chapter 2.4 of the UN Recommendations, if applicable;
- (c) for dangerous goods included in Class 5.2, Organic Peroxides, the control and emergency temperatures shown in section 2.5.3.2.4 of Chapter 2.5 of the UN Recommendations, if applicable; and
- (d) for dangerous goods included in Class 7, Radioactive Materials, the additional information required for transport documents under the “Packaging and Transport of Nuclear Substances Regulations”.

### **3.6.1 Consignor’s Certification SOR/2014-152**

- (1) Beginning on July 15, 2015, a shipping document must include, after the information required under section 3.5, one of the following certifications:

- (a) “I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, are properly classified and packaged, have dangerous goods safety marks properly affixed or displayed on them, and are in all respects in proper condition for transport according to the Transportation of Dangerous Goods Regulations.”;
- (b) the certification set out in section 172.204 of 49 CFR;
- (c) the certification set out in section 5;4.1.6 of the ICAO Technical Instructions;  
*SOR/2017-137*
- (d) the certification set out in section 5.4.1.6 of the IMDG Code; or
- (e) the certification set out in section 5.4.1.6 of the UN Recommendations.

- (2) The certification must be made by an individual who is the consignor or by an individual acting on behalf of the consignor and must set out that individual’s name.

- (3) This section does not apply in respect of an empty large means of containment that contained dangerous goods but has not been cleaned or purged.

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### **3.7 Location of a Shipping Document: Road**

The driver of a power unit that is attached to or is part of the cargo unit of a road vehicle transporting dangerous goods must ensure that a copy of the shipping document is kept, as follows:

- (a) if the driver is in the power unit, in a pocket mounted on the driver’s door or within the driver’s reach; or  
(b) if the driver is out of the power unit, in a pocket mounted on the driver’s door, on the driver’s seat or in a location that is

clearly visible to anyone entering through the driver's door.

### **3.8 Location of a Shipping Document and Consist: Rail**

The person in charge of a train transporting dangerous goods must ensure that a copy of the shipping document and, when a consist is required, a copy of the consist are kept,

- (a) when one or more members of the train crew are present, in the possession of one of them; or
- (b) when no member of the train crew is present, in the first locomotive.

### **3.9 Location of a Shipping Document: Marine**

- (1) The master of a ship containing dangerous goods or the master in control of a ship containing dangerous goods must have readily available on or near the bridge of the ship a paper copy or electronic copy of
  - (a) the shipping document; or
  - (b) a list that includes the classification of the dangerous goods.
- (2) If dangerous goods are transported by ship on board a road vehicle that is accompanied by one or more drivers or a railway vehicle that is accompanied by one or more members of the train crew, a driver or a member of the train crew must notify the master of the ship or the marine carrier of the presence of the dangerous goods and make available to the master a copy of the shipping document. However, the shipping document must be kept, for the road vehicle, in accordance with section 3.7 and, for the railway vehicle, in the possession of a member of the train crew.

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### **3.10 Location of a Shipping Document: Storage In the Course of Transportation**

- (1) A carrier must ensure that a shipping document is placed in a waterproof receptacle that is securely attached to or near the means of containment containing the dangerous goods, at a readily identifiable and accessible location, when the dangerous goods are in transport if
  - (a) they are left in an unsupervised area
    - (i) after being unloaded from a means of transport,
    - (ii) after the cargo unit of a road vehicle containing them has been disconnected from the power unit, or
    - (iii) when the railway vehicle containing them is no longer part of a train; and
  - (b) possession of the dangerous goods has not been transferred to another person.
- (2) When dangerous goods in transport are left in a supervised area, the person in charge of the supervised area is considered to have taken possession of the dangerous goods. The carrier must leave a copy of the shipping document with that person, who must keep it and give it to the next person who takes possession of the dangerous goods.
- (3) When the person in charge of a supervised area is absent from the area, that person must ensure that the copy of the shipping document is
  - (a) placed in a waterproof receptacle securely attached to or near the means of containment containing the dangerous goods, at a readily identifiable and accessible location; or
  - (b) left in the possession of an employee who is present in the supervised area and is designated for this purpose by the person in charge of the supervised area.
- (4) Despite the locations specified in subsections (1) to (3), when dangerous goods that are in transport by road vehicle, railway vehicle or ship are stored in a supervised or unsupervised area, the shipping document or an electronic copy of it may be left at the office of a person referred to in one of the following paragraphs if the conditions in subsections (5) and (6) are complied with:
  - (a) the rail dispatcher for the area in which the railway vehicle is located;
  - (b) the person responsible for the port at which the dangerous goods are located; or
  - (c) the marine terminal manager at the terminal where the dangerous goods are located.

- (5) When a shipping record is left at the office of a person referred to in subsection (4),
  - (a) use of the telephone number of that office must be approved in accordance with subsection (6); and
  - (b) that person or that person's representative must provide immediately, at the request of a federal, provincial or municipal official including a member of a fire department, a facsimile or electronic copy of the shipping record or, if requested, a voice description of the information on the shipping record.
- (6) The telephone number of the office of a person referred to in subsection (4) must not be used to comply with subsection (5), unless that person gives CANUTEC the following information and receives approval, in writing, from CANUTEC to use that telephone number:
  - (a) the name and address of the person;
  - (b) the telephone number of the office of the person;
  - (c) the physical area to which the telephone number applies and, in the case of a port or a marine terminal, evidence that public access to the area is controlled;
  - (d) the period of time, not to exceed 5 years, for which CANUTEC's approval is requested; and
  - (e) the dangerous goods to which the approval applies.
- (7) The Director General may revoke, in writing, the approval to use a telephone number if
  - (a) the person referred to in subsection (4), or that person's representative, does not answer the telephone;
  - (b) the person referred to in subsection (4), or that person's representative, does not provide immediately, at the request of a federal, provincial or municipal official including a member of a fire department, a facsimile or an electronic copy of the shipping record or, if requested, a voice description of the information on the shipping record; or
  - (c) public access to a port or marine terminal is not controlled.

### **3.11 Keeping Shipping Document Information**

- (1) A consignor must be able to produce a copy of any shipping document
  - (a) for two years after the date the shipping document or an electronic copy of it was prepared or given to a carrier by the consignor;
  - (b) for dangerous goods imported into Canada, for two years after the date the consignor ensured that the carrier, on entry into Canada, had a shipping document or an electronic copy of one; and

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  - (c) within 15 days after the day on which the consignor receives a written request from an inspector.
- (2) When dangerous goods are no longer in transport, each carrier who transported the dangerous goods must be able to produce a copy of the shipping document that related to the dangerous goods and was required to be in the possession of that carrier while the dangerous goods were in transport
  - (a) for two years after the date the dangerous goods are no longer in transport; and
  - (b) within 15 days after the day on which the carrier receives a written request from an inspector.
- (3) Subsection (2) does not apply to a carrier who transported dangerous goods

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  - (a) from a place outside Canada, through Canada to a place outside Canada or for a portion of such transportation; or
  - (b) entirely outside Canada
    - (i) on board a ship, or
    - (ii) on board an aircraft that is registered in Canada and leased to a foreign carrier.
- (4) Subsection (2) does not apply to a carrier who is involved only in handling the dangerous goods, including storing them in the course of transport.
- (5) The shipping documents referred to in this section may be kept as electronic copies.



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APPENDIX : Illustration of Dangerous Goods Safety Marks

### ***Background***

*Dangerous goods safety marks are required to be displayed on a means of containment containing dangerous goods in transport. Dangerous goods safety marks include labels, placards, orange panels, signs, marine pollutant marks, numbers, letters, abbreviations and words used to identify dangerous goods and to show the nature of the danger they pose.*

*Dangerous goods safety marks give a quick identification of dangerous goods in the event of an emergency situation such as an accident or an accidental release of dangerous goods from a means of containment.*

*Dangerous goods safety marks are also an awareness tool for people involved in transportation, including truck drivers, train crews, loading dock workers, reception personnel at a lab or a hospital and aircraft loading personnel.*

*Generally, labels are displayed on small means of containment and placards are displayed on large means of containment.*

*The term “home-trade voyage, Class I” is used in this Part and is not defined in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases, but it is defined in regulations made under the “Canada Shipping Act”.*

## DANGEROUS GOODS SAFETY MARKS

### **Definitions**

<i>accidental release</i> <i>SOR/2014-159</i>	<i>gas</i>	<i>primary class</i>
<i>Act</i>	<i>gross mass</i>	<i>public safety</i> <i>SOR/2014-159</i>
<i>aircraft</i>	<i>handling</i> <i>SOR/2014-159</i>	<i>railway vehicle</i>
<i>CANUTEC</i>	<i>ICAO Technical Instructions</i> <i>SOR/2014-159</i>	<i>road vehicle</i>
<i>capacity</i> <i>SOR/2014-159</i>	<i>imminent accidental release</i> <i>SOR/2014-159</i>	<i>roll-on roll-off ship</i>
<i>carrier</i>	<i>import</i>	<i>safety mark</i>
<i>Category B</i> <i>SOR/2014-159</i>	<i>infectious substance</i>	<i>ship</i>
<i>49 CFR</i>	<i>in transport</i>	<i>shipping name</i>
<i>class</i>	<i>large means of containment</i>	<i>short-run ferry</i>
<i>compatibility group</i>	<i>liquid</i>	<i>small means of containment</i>
<i>consignment</i>	<i>means of containment</i>	<i>solid</i>
<i>consignor</i>	<i>means of transport</i>	<i>special provision</i>
<i>consolidation bin</i> <i>SOR/2014-159</i>	<i>net explosives quantity</i> <i>SOR/2014-159</i>	<i>subsidiary class</i>
<i>cylinder</i>	<i>offer for transport</i>	<i>substance</i>
<i>dangerous goods</i>	<i>overpack</i> <i>SOR/2014-159</i>	<i>technical name</i>
<i>dangerous goods safety mark</i>	<i>packing group</i>	<i>transport index</i>
<i>emergency response assistance plan or ERAP or ERP</i>	<i>person</i>	<i>UN number</i>
<i>flash point</i>	<i>prescribed</i>	<i>UN Recommendations</i>

### **4.1 Requirements for Dangerous Goods Safety Marks**

A person must not offer for transport, transport or import a means of containment that contains dangerous goods unless each dangerous goods safety mark required by this Part and illustrated in the appendix to this Part, or illustrated in Chapter 5.2 or 5.3 of the UN Recommendations, is displayed on it in accordance with this Part.

*SOR/2012-245*

#### **4.1.1 Voluntary Display of a Placard** *SOR/2014-159*

When a person transports dangerous goods in or on a road vehicle or railway vehicle and the person voluntarily displays a placard on the vehicle, the following provisions apply:

- (a) section 4.2;
- (b) sections 4.6 and 4.7;
- (c) subsection 4.9(2);
- (d) sections 4.14 to 4.15.1;
- (e) paragraphs 4.15.3(a) and (b); and
- (f) section 4.16.

*SOR/2014-159*

## 4.2 Misleading Dangerous Goods Safety Marks

- (1) As provided for in section 6.1 of the Act, a person must not display a dangerous goods safety mark on a means of containment or a means of transport if the mark is misleading as to the presence or nature of any danger.

*For example, placards on a road vehicle transporting 220 kg of dangerous goods are not misleading as long as the placards accurately indicate the presence of dangerous goods and the nature of the danger they pose.*

- (2) As provided for in section 6.1 of the Act, a person must not display a mark other than a dangerous goods safety mark on a means of containment or a means of transport if the other mark is likely to be mistaken for a dangerous goods safety mark or is misleading as to the presence or nature of any danger.

*SOR/2014-159*

## 4.3 Display of Dangerous Goods Safety Marks Before Loading or Packing a Large Means of Containment

A person must not load or pack dangerous goods into a large means of containment for transport unless, immediately before the loading or packing, the large means of containment has displayed on it the dangerous goods safety marks that will be required when the loading or packing is complete.

## 4.4 Consignor Responsibilities

- (1) Before importing dangerous goods or allowing a carrier in Canada to take possession of dangerous goods for transport, the consignor must

- (a) display or ensure the display of the required dangerous goods safety marks on each small means of containment that contains the dangerous goods;
- (b) display or ensure the display of the required dangerous goods safety marks on each large means of containment that contains the dangerous goods; and

*SOR/2008-34*

- (c) provide to the carrier the dangerous goods safety marks for the dangerous goods that the consignor is offering for transport or importing and that are to be transported in a large means of containment.

- (2) The consignor is not required to provide the dangerous goods safety marks referred to in paragraph (1)(c) if they

- (a) are already displayed on the large means of containment; or
- (b) are not the correct ones to display because of the presence of other dangerous goods in the large means of containment.

*When the consignor provides the large means of containment, the consignor displays the dangerous goods safety marks.  
When the carrier provides the large means of containment, the consignor provides the carrier with the appropriate dangerous goods safety marks.*

## 4.5 Carrier Responsibilities

The carrier of dangerous goods must

- (a) ensure that the required dangerous goods safety marks remain displayed on the small means of containment while the dangerous goods are in transport;
- (b) display the required dangerous goods safety marks on the large means of containment, unless they are already displayed on it, and ensure that they remain displayed while the dangerous goods are in transport; and
- (c) provide and display, or remove, the dangerous goods safety marks if the requirements for dangerous goods safety marks change while the dangerous goods are in transport.

*SOR/2008-34*

#### **4.6 Visibility, Legibility and Colour**

Dangerous goods safety marks must be

- (a) visible, legible and displayed against a background of contrasting colour;
  - (b) made of durable and weather-resistant material that will withstand the conditions to which they will be exposed without substantial detachment or deterioration of their colour, symbols, letters, text or numbers; and
- For example, deterioration is considered substantial if the colour of the safety mark fades or darkens so that it is no longer the colour that represents the class of dangerous goods associated with it.*
- (c) displayed in the colours specified in
    - (i) the appendix to this Part, which colours must conform to the following standards in the PANTONE ® “Formula Guide”, published by Pantone Inc., 590 Commerce Boulevard, Carlstadt, New Jersey 07072-3098, United States:
      - (A) for blue, PANTONE 285,
      - (B) for green, PANTONE 335,
      - (C) for orange, PANTONE 151,
      - (D) for red, PANTONE 186, and
      - (E) for yellow, PANTONE 109,
    - (ii) Part 172 of 49 CFR, or
    - (iii) Chapters 5.2 and 5.3 of the UN Recommendations.

#### **4.7 Labels and Placards: Size and Orientation**

- (1) Labels and placards must be displayed on a means of containment as they are illustrated in the appendix to this Part, that is, a square on a point.
- (2) Each side of a label must be at least 100 mm in length with a line running 5 mm inside the edge. However, except for dangerous goods included in Class 7, Radioactive Materials, if that size label, together with the shipping name, technical name and UN number, cannot be displayed because of the irregular shape or size of the small means of containment, each side of the label may be reduced in length by the same amount to the point where the label, together with the shipping name, technical name and UN number, will fit that small means of containment, but must not be reduced to less than 30 mm.

*If 30 mm will not fit, subsection 4.10(4) allows the label to be displayed on a tag attached to the means of containment.*

- (3) Each side of a placard must be at least 250 mm in length and, except for the DANGER placard, have a line running 12.5 mm inside the edge. However, except for dangerous goods included in Class 7, Radioactive Materials, if that size placard cannot be displayed because of the irregular shape or size of the large means of containment, each side of the placard may be reduced in length by the same amount to the point where the placard will fit that large means of containment, but must not be reduced to less than 100 mm.
- (4) If the size of a label or a placard is reduced, every symbol, letter and number required on that label or placard must be reduced proportionately.
- (5) If a large means of containment contains dangerous goods included in Class 7, Radioactive Materials, and a Class 7 placard is required to be displayed in accordance with this Part, the means of containment must have displayed on it the Class 7 placard required or the appropriate optional Class 7 placard illustrated in the appendix to this Part.

*SOR/2008-34*

#### 4.8 Ways to Display a UN Number

- (1) A UN number that is required by this Part to be displayed on a small means of containment or on a tag attached to it must be displayed in one of the following ways:
- (a) next to the primary class label for the dangerous goods; or
  - (b) within a white rectangle located on the primary class label for the dangerous goods, without the prefix “UN”, but it must not obscure the symbol, class number, compatibility group letter or text on the label.



*The illustration showing the UN number to the right of the placard is an example only and does not indicate a mandatory position. For example, a wrap-around label may be used on a cylinder.*

- (2) A UN number that is required by this Part to be displayed on a large means of containment must be displayed in black numerals not less than 65 mm high in one of the following ways:

*SOR/2008-34*

- (a) on an orange panel placed next to the primary class placard for the dangerous goods, without the prefix “UN”; or
- (b) within a white rectangle located on the primary class placard for the dangerous goods, without the prefix “UN”, but it must not obscure the symbol, class number, compatibility group letter or text on the placard.



#### 4.9 Removal or Change of Dangerous Goods Safety Marks

*SOR/2008-34*

- (1) When the conditions that required the display of dangerous goods safety marks change, the person having the charge, management or control of the means of containment must determine, as a result of the new conditions, whether the dangerous goods safety marks must be changed or removed.
- (2) The person who neutralizes the contents of the means of containment or who unloads, unpacks, cleans or purges the means of containment must cover or remove the dangerous goods safety mark when the danger indicated by the dangerous goods safety mark is no longer present in the means of containment.
- (3) When the DANGER placard is permitted to be displayed on a large means of containment, a person may continue to display that placard, in place of any other placard, until the large means of containment no longer contains any of the dangerous goods identified by that placard.

*SOR/2014-159*

#### 4.10 Labels on a Small Means of Containment

*SOR/2014-159*

- (1) One label must be displayed on a small means of containment for the primary class and one for each subsidiary class set out in column 3 of Schedule 1 for each of the dangerous goods in transport in the small means of containment, except that
- (a) a label is not required to be displayed on a small means of containment that is inside another small means of containment if the other small means of containment has a label displayed on it and is not opened during loading or unloading or while the dangerous goods are in transport;

- (b) the oxidizing gas label, illustrated in the appendix to this Part, must be displayed on a small means of containment for the following dangerous goods:
- (i) UN1072, OXYGEN, COMPRESSED;
  - (ii) UN1073, OXYGEN, REFRIGERATED LIQUID;
  - (iii) UN3156, COMPRESSED GAS, OXIDIZING, N.O.S.; and
  - (iv) UN3157, LIQUEFIED GAS, OXIDIZING, N.O.S.;

*SOR/2008-34*

- (b.1) the Class 9, lithium battery label, illustrated in the appendix to this Part, must be displayed on a small means of containment for the following dangerous goods:
- (i) UN3090, LITHIUM METAL BATTERIES,
  - (ii) UN3091, LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT or LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT,
  - (iii) UN3480, LITHIUM ION BATTERIES, and
  - (iv) UN3481, LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT or LITHIUM ION BATTERIES PACKED WITH EQUIPMENT;

*SOR/2017-137*

- (c) if the dangerous goods are included in Class 7, Radioactive Materials, two labels must be displayed on the small means of containment for the primary class, and

*SOR/2008-34*

- (d) when the dangerous goods are included in Class 2, Gases, and are contained in a combination of cylinders each with a capacity greater than 225 L that are a single unit as a result of being interconnected through a piping arrangement, and are permanently mounted on a structural frame for transport, and have a combined capacity exceeding 450 L, the combination of cylinders may be placarded as one large means of containment.

*SOR/2008-34*

- (2) For the subsidiary class of Class 1, the label to be displayed is the label for Class 1.1, 1.2 or 1.3 illustrated in the appendix to this Part.

*The dangerous goods that have a subsidiary class of Class 1 are listed in paragraph 2.8(1)(a) in Part 2, Classification, and have "(1)" shown in column 3 of Schedule 1.*

- (3) When a label is required to be displayed, it must be displayed

- (a) on any side of the outer surface of a small means of containment other than the side on which it is intended to rest or to be stacked during transport;
- (b) on or near the shoulder of a cylinder containing dangerous goods; or

*SOR/2002-306*

- (c) in the case of a label for dangerous goods included in Class 7, Radioactive Materials, on two opposite sides of the outer surface of a small means of containment, other than the side on which it is intended to rest or to be stacked during transport.

- (4) Despite subsection (3), a label with sides that are reduced to 30 mm in length in accordance with subsection 4.7(2) may be displayed on a tag that is securely attached to a small means of containment.

- (5) Despite subsection (1), a label is not required to be displayed on a small means of containment that contains a radioactive material if the shipping name and UN number of the radioactive material are displayed on the small means of containment and

- (a) the radioactive material is contained in an exposure device, as defined in the "Nuclear Substances and Radiation Devices Regulations", and the small means of containment is marked in accordance with paragraph 16(5)(a) of the "Packaging and Transport of Nuclear Substances Regulations"; or
- (b) the radioactive material is LSA-I material, as defined in subsection 1(1) of the "Packaging and Transport of Nuclear Substances Regulations", and the small means of containment is marked in accordance with paragraph 16(5)(c) of the "Packaging and Transport of Nuclear Substances Regulations".

*SOR/2014-159*

#### **4.10.1 Safety Marks on an Overpack *SOR/2014-159***

- (1) When a safety mark is required by this Part to be displayed on a small means of containment and the small means of containment is inside an overpack, the person who prepares the overpack must display
  - (a) the word “Overpack” or “Suremballage”, in letters that are at least 12 mm high on a contrasting background, on at least one side of the overpack;  
*SOR/2017-137*
  - (b) the information required by subsection (3) on one side of the overpack, if its capacity is less than 1.8 m<sup>3</sup> (64 cubic feet); and
  - (c) the information required by subsection (3) on two opposite sides of the overpack, if its capacity is greater than or equal to 1.8 m<sup>3</sup> (64 cubic feet).
- (2) Subsection (1) does not apply if a safety mark for each class of dangerous goods inside the overpack is visible through the overpack.  
*SOR/2017-137*
- (3) The following information must be displayed on the overpack:
  - (a) the primary class label and each subsidiary class label for each of the dangerous goods contained in the overpack, except that only one label is required for dangerous goods that are included in the same class; and
  - (b) the shipping name and UN number of the dangerous goods.
- (4) When dangerous goods included in Class 7, Radioactive Materials, are transported in an overpack and a label is required to be displayed by this Part, the overpack must be prepared in accordance with section 16(4) of the “Packaging and Transport of Nuclear Substances Regulations”.

*SOR/2014-159*

#### **4.10.2 Safety Marks on a Consolidation Bin *SOR/2014-159***

When a label is required by this Part to be displayed on a small means of containment that is inside a consolidation bin, an indication of each class of dangerous goods contained in the consolidation bin must be clearly and legibly marked on a tag or fixed display device that is attached to the bin.

*SOR/2014-159*

#### **4.11 Shipping Name and Technical Name on a Small Means of Containment or on a Tag**

- (1) When dangerous goods in transport are in a small means of containment on which a primary class label for the dangerous goods must be displayed, the shipping name of the dangerous goods must be displayed next to the primary class label.  
*SOR/2008-34*
- (2) When dangerous goods in transport are subject to special provision 16 and are in a small means of containment on which the shipping name is displayed, the technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be displayed, in parentheses, following the shipping name.  
*SOR/2014-306*
- (3) When the primary class label for dangerous goods in transport is displayed on a tag in accordance with subsection 4.10(4), the shipping name and, when required by subsection (2), the technical name of the dangerous goods must also be displayed on the tag.

#### **4.12 UN Numbers on a Small Means of Containment or on a Tag**

- (1) When dangerous goods in transport are in a small means of containment on which the primary class label for the dangerous goods is displayed, the UN number for the dangerous goods must be displayed on or next to the primary class label.
- (2) When the primary class label for dangerous goods in transport is displayed on a tag in accordance with subsection 4.10(4), the UN number must also be displayed on the tag on or next to the primary class label.

#### **4.13 Flash Point for Class 3, Flammable Liquids, on a Small Means of Containment for Transport by Ship**

When dangerous goods included in Class 3, Flammable Liquids, are to be transported by a ship other than a short-run ferry and are in a small means of containment, the flash point or the flash point range for the dangerous goods must be displayed on the small means of containment next to the shipping name of the dangerous goods or, if there is a technical name, next to the technical name.

#### **4.14 Class 7, Radioactive Material**

*SOR/2008-34*

- (1) For dangerous goods included in Class 7, Radioactive Material, the label or placard required to be displayed by this Part must be determined in accordance with the “Packaging and Transport of Nuclear Substances Regulations”.  
*SOR/2008-34*
  
- (2) For dangerous goods included in Class 7, Radioactive Material, the following information must be determined in accordance with the “Packaging and Transport of Nuclear Substances Regulations”, and must be displayed on the primary class label for the dangerous goods:
  - (a) the name or symbol of the radionuclide, except that if there is a mixture of radionuclides, the name or symbol of the most restrictive of the radionuclides in the mixture; and
  - (b) the activity and the transport index of the dangerous goods.

*SOR/2008-34*

#### **4.15 Placards on a Large Means of Containment** *SOR/2014-159*

- (1) The primary class placard for each of the dangerous goods contained in a large means of containment, other than a ship or an aircraft, must be displayed on each side and on each end of the large means of containment.
  
- (2) If two or more dangerous goods have different UN numbers but are identified by the same placard or placards, the placard or placards are required to be displayed only once on each side and on each end of a large means of containment.

*Each placard needs to be displayed only once on each side and each end of a large means of containment regardless of how many products in the large means of containment have that class (primary or subsidiary).*

*For example, if UN1052, HYDROGEN FLUORIDE, ANHYDROUS (primary class 8 and subsidiary class 6.1), and UN1541, ACETONE CYANOHYDRIN, STABILIZED (class 6.1), are transported together in a truck, only 2 placards are required to be displayed on each side and on each end of the truck: the Class 8 placard (Corrosives) and the Class 6.1 placard (Toxic Substances).*

*SOR/2014-159*

##### **4.15.1 Subsidiary Class Placards on a Large Means of Containment** *SOR/2014-159*

A subsidiary class placard for dangerous goods must be displayed, next to the primary class placard for the dangerous goods, on each side and on each end of a large means of containment if the dangerous goods require an emergency response assistance plan and

- (a) have a subsidiary class of Class 1, Explosives, in which case the placard is the one illustrated for Class 1.1, 1.2 or 1.3 in the appendix to this Part;
- (b) have a subsidiary class of Class 4.3, Water-reactive Substances, in which case the placard is the one illustrated for Class 4.3 in the appendix to this Part;
- (c) have a subsidiary class of Class 6.1, Toxic Substances, and are included in Packing Group I due to inhalation toxicity, in which case the placard is the one illustrated for Class 6.1 in the appendix to this Part; or

- (d) have a subsidiary class of Class 8, Corrosives, and are UN2977, RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, FISSILE, or UN2978, RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, non-fissile or fissile excepted, in which case the placard is the one illustrated for Class 8 in the appendix to this Part.

SOR/2014-159

#### 4.15.2 UN Numbers on a Large Means of Containment SOR/2014-159

UN numbers, except UN numbers for dangerous goods included in Class 1, Explosives, must be displayed on a large means of containment in accordance with subsection 4.8(2) if the dangerous goods

- (a) are in a quantity or concentration for which an emergency response assistance plan is required; or  
(b) are a liquid or a gas in direct contact with the large means of containment.

SOR/2014-159

#### 4.15.3 Placards and UN Numbers on a Large Means of Containment SOR/2014-159

A placard, or a placard and UN number, must be displayed on each side and on each end of a large means of containment, except that

- (a) in the case of a large means of containment that is permanently connected to a frame, such as a truck frame or a supporting frame for the means of containment, the placard, or the placard and UN number, may be displayed on the frame if the resulting position of the placard, or the placard and UN number, is equivalent on each side and on each end of the means of containment;  
(b) in the case of a large means of containment that is a trailer unit, the placard, or the placard and UN number, may be displayed on the front of the vehicle that is attached to the trailer unit rather than on the leading end of the trailer unit; and

*The trailer unit of a truck includes a tank.*

- (c) in the case of a large means of containment that is an intermediate bulk container (IBC) with a capacity greater than 450 L but less than or equal to 3 000 L,  
(i) a placard and UN number may be displayed on two opposite sides of the IBC, or  
(ii) a label for each primary and subsidiary class as well as a UN number and a shipping name may be displayed on two opposite sides of the IBC.

*When IBCs that have labels on them are inside a road vehicle or railway vehicle or are loaded onto a road vehicle or railway vehicle, the requirements of this Part for the display of placards on the road vehicle or railway vehicle still apply.*

SOR/2014-159

#### 4.15.4 Visibility of Labels, Placards and UN Numbers on a Large Means of Containment SOR/2014-159

- (1) When a large means of containment that has labels or placards displayed on it is inside another large means of containment and those labels or placards are not visible, the placards required by this Part must be displayed on the outer large means of containment. The UN numbers that are required by this Part must also be displayed on the outer large means of containment.  
(2) When a large means of containment that has labels, placards, labels and UN numbers, or placards and UN numbers, displayed on it is loaded onto another large means of containment and those labels, placards, labels and UN numbers, or placards and UN numbers, are visible, the placards, or placards and UN numbers, are not required to be displayed on the other large means of containment.

*For example, IBCs carried on a flatbed truck.*

SOR/2014-159

**4.16 DANGER Placard SOR/2014-159**

*The display of a DANGER placard is not mandatory, but if it is not displayed, compliance with section 4.15 is required and the primary class placards for the dangerous goods must be displayed. However, compliance with section 4.15 is always required for dangerous goods that are not allowed to be identified by the DANGER placard but that may be loaded into the same large means of containment.*

- (1) Except in the case of the dangerous goods listed in subsection (2) or a flammable gas referred to in subsection (3), a DANGER placard is permitted to be displayed on a large means of containment instead of any other placard required by section 4.15, if
  - (a) the large means of containment contains two or more dangerous goods that require different placards; and
  - (b) the dangerous goods loaded into the large means of containment are contained in two or more small means of containment.
- (2) The DANGER placard referred to in subsection (1) must not be displayed on a large means of containment for
  - (a) dangerous goods that have a gross mass greater than 1 000 kg, are included in the same class and are offered for transport by one consignor;
  - (b) dangerous goods that require an emergency response assistance plan;
  - (c) dangerous goods included in Class 1, Explosives;
  - (d) dangerous goods included in Class 2.3, Toxic Gases;
  - (e) dangerous goods included in Class 4.3, Water-reactive Substances;
  - (f) dangerous goods included in Class 5.2, Organic Peroxides, Type B, liquid or solid, that require a control or emergency temperature;
  - (g) dangerous goods included in Class 6.1, Toxic Substances, that are subject to special provision 23; and
  - (h) dangerous goods included in Class 7, Radioactive Materials, that require a Category III – Yellow label.
- (3) If a road vehicle or railway vehicle to be transported by ship contains a flammable gas, the flammable gas placard illustrated in the appendix to this Part must be displayed on the road vehicle or railway vehicle.

*SOR/2014-159*

**4.16.1 Placarding Exemption for Dangerous Goods Having a Gross Mass of 500 kg or Less SOR/2014-159**

*Subsection (1) provides an exemption from placarding requirements if the dangerous goods in or on a road vehicle or railway vehicle have a gross mass that is less than or equal to 500 kg.*

*Subsection (2) sets out which dangerous goods cannot be counted in the 500 kg and are, therefore, subject to the placarding requirements.*

*For example, a road vehicle contains 2 300 kg of dangerous goods. Of that quantity, 2 000 kg are dangerous goods that meet one of the conditions in subsection (2) and 300 kg are dangerous goods that do not meet any of the conditions in subsection (2).*

*The 2 000 kg of dangerous goods that meet one of the conditions in subsection (2) require a placard, but the remaining 300 kg of dangerous goods do not require a placard.*

- (1) Except in the case of the dangerous goods listed in subsection (2), a placard is not required to be displayed on a road vehicle or railway vehicle if the dangerous goods in or on the road vehicle or railway vehicle have a gross mass that is less than or equal to 500 kg.
- (2) The exemption set out in subsection (1) does not apply to dangerous goods
  - (a) requiring an emergency response assistance plan;
  - (b) requiring the display of a subsidiary class placard in accordance with section 4.15.1;
  - (c) included in Class 1, Explosives, except for
    - (i) explosives referred to in subsection 4.17(1), and
    - (ii) explosives included in Class 1.1, 1.2, 1.3 or 1.5, if

- (A) the explosives are not subject to special provision 85 or 86 and have a net explosives quantity that is less than or equal to 10 kg, or
- (B) the explosives are subject to special provision 85 or 86 and the number of articles of explosives is less than or equal to 1 000;
- (d) included in Class 2.1, Flammable Gases, if the road vehicle or railway vehicle is to be transported by ship;
- (e) included in Class 2.3, Toxic Gases;
- (f) included in Class 4.3, Water-reactive Substances;
- (g) included in Class 5.2, Organic Peroxides, Type B, liquid or solid, that require a control or emergency temperature;
- (h) included in Class 6.1, Toxic Substances, that are subject to special provision 23; or
- (i) included in Class 7, Radioactive Materials, that require a Category III – Yellow label.

*SOR/2014-159*

#### **4.17 Class 1, Explosives *SOR/2014-159***

- (1) Despite section 4.15, a placard is not required to be displayed for explosives that are included in
    - (a) Class 1.4, except for UN0301, AMMUNITION, TEAR-PRODUCING, and are in a quantity that is less than or equal to 1 000 kg net explosives quantity; or
- SOR/2008-34*
- (b) Class 1.4S and are in any quantity.
- UN0301 requires an emergency response assistance plan (ERAP). The ERAP index in column 7 of Schedule 1 for UN0301 is 75.*  
*SOR/2008-34*
- (2) Despite section 4.15, only the placard for the explosives with the lowest division number is required to be displayed for explosives that are included in more than one division and are in a large means of containment, except in the following cases:
    - (a) when explosives included in Class 1.2 and Class 1.5 are transported together, the placard for Class 1.1 must be displayed; and
    - (b) when explosives included in Class 1.4 and Class 1.5 are transported together, the placard for Class 1.5 must be displayed.

#### **(3) *Repealed SOR/2014-159***

#### **4.18 Options for Class 2, Gases *SOR/2014-159***

Despite section 4.15, if a road vehicle transporting toxic gases, flammable gases or oxygen, or gases included in Class 2.2, Non-Flammable and Non-toxic Gases, is placarded with the Toxic Gases placard, the following placards are not required to be displayed on the road vehicle:

- (a) the Flammable Gases placard;
- (b) the Oxidizing Gases placard; and
- (c) the Non-Flammable and Non-toxic Gases placard.

*SOR/2014-159*

#### **4.18.1 Class 2, Gases: Placards for Oxidizing Gases *SOR/2014-159***

When dangerous goods included in Class 2, Gases, and contained in a large means of containment are oxidizing gases, the oxidizing gas placard illustrated in the appendix to this Part must be displayed on the large means of containment for the following dangerous goods instead of the placard required by section 4.15, but if an emergency response assistance plan is required for the dangerous goods the UN number must also be displayed:

- (a) UN1072, OXYGEN, COMPRESSED;
- (b) UN1073, OXYGEN, REFRIGERATED LIQUID;

- (c) UN3156, COMPRESSED GAS, OXIDIZING, N.O.S.; and
- (d) UN3157, LIQUEFIED GAS, OXIDIZING, N.O.S.

*SOR/2014-159*

#### **4.18.2 Class 2, Gases: Placards for UN1005, ANHYDROUS AMMONIA *SOR/2014-159***

When UN1005, ANHYDROUS AMMONIA, is contained in a large means of containment, the large means of containment must have displayed on it

- (a) the Class 2.3 placard and a UN number; or
- (b) the anhydrous ammonia placard and, on at least two sides, the words “Anhydrous Ammonia, Inhalation Hazard” or “Ammoniac anhydre, dangereux par inhalation” in letters
  - (i) at least 6 mm wide and 100 mm high in the case of a tank car,
  - (ii) at least 4 mm wide and 25 mm high in the case of a portable tank or an intermediate bulk container (IBC), and
  - (iii) at least 6 mm wide and 50 mm high in the case of all other large means of containment..

*SOR/2017-137*

#### **4.18.3 Class 2, Gases: Placards for Tube Trailers *SOR/2014-159***

When dangerous goods included in Class 2, Gases, are contained in a combination of tubes that are a single unit as a result of being interconnected through a piping arrangement and are permanently mounted on a structural frame for transport, the combination of tubes may be placarded as if it were one large means of containment.

*SOR/2014-159*

#### **4.19 Placards and UN Numbers on a Compartmentalized Large Means of Containment *SOR/2014-159***

- (1) When dangerous goods included in different primary classes are transported in different compartments of a compartmentalized large means of containment,
  - (a) the primary class placard and the UN number for the dangerous goods in each compartment must be displayed on each side of that compartment; and
  - (b) each placard and UN number displayed in accordance with paragraph (a) must be displayed on each end of the compartmentalized large means of containment but each specific placard need only be displayed once on each end.

*SOR/2008-34*

- (2) When all compartments in a compartmentalized large means of containment contain dangerous goods included in the same primary class,
  - (a) the primary class placard must be displayed on each side and on each end of the compartmentalized large means of containment; and
  - (b) the UN number of the dangerous goods in a compartment must be displayed on each side of that compartment and on each end of the compartmentalized large means of containment, except that, if all the dangerous goods are included in Class 3, Flammable Liquids, only the UN number of the dangerous goods with the lowest flash point is required to be displayed on each side and on each end of the compartmentalized large means of containment.

*SOR/2014-159*

- (3) Despite paragraph (2)(b), if a compartmentalized large means of containment contains UN3475, ETHANOL AND GASOLINE MIXTURE, the number “3475” must be displayed, in addition to the UN number — without the prefix “UN” — of the dangerous goods with the lowest flash point, on each side and on each end of the compartmentalized large means of containment.

*SOR/2017-137*

#### **4.20 Elevated Temperature Sign**

- (1) In addition to the requirements for placards and UN numbers in section 4.15, the elevated temperature sign must be displayed for dangerous goods that are contained in a large means of containment and that are offered for transport or transported at a temperature greater than or equal to
  - (a) 100°C if the dangerous goods are in a liquid state; and
  - (b) 240°C if the dangerous goods are in a solid state.
- (2) The elevated temperature sign must be displayed on each side and on each end of the large means of containment next to each primary class placard for the dangerous goods or, if there is a subsidiary class placard, next to the subsidiary class placard.

*SOR/2014-306*

#### **4.21 Fumigation Sign**

- (1) If the fumigation of a large means of containment is done using dangerous goods, the fumigation sign must be displayed at or next to each entryway through which a person can enter into the large means of containment. The consignor must ensure that the fumigation sign is displayed by the person in charge of the fumigation process and that the sign has displayed on it the name of the fumigant, the date and time the fumigant was applied and the date of ventilation.
- (2) The fumigation sign must continue to be displayed on a large means of containment that has been fumigated until
  - (a) the large means of containment has been ventilated to remove harmful concentrations of the fumigant; and
  - (b) the dangerous goods that were in the large means of containment during the fumigation have been unloaded.

*SOR/2014-159*

#### **4.22 Marine Pollutant Mark**

- (1) In addition to the requirements for placards and UN numbers in section 4.15, the marine pollutant mark must be displayed in the following locations, for dangerous goods that are marine pollutants in transport by ship:
  - (a) on a small means of containment, next to the primary class label for the dangerous goods or, if there is a subsidiary class label, next to the subsidiary class label; and
  - (b) on each side and each end of a large means of containment next to the placard that is required to be displayed for the dangerous goods.
- (2) The marine pollutant mark is not required to be displayed when marine pollutants are
  - (a) on board a road vehicle or railway vehicle on a roll-on roll-off ship; or
  - (b) contained in
    - (i) a small means of containment and are in a quantity that is less than or equal to 5 L for a liquid marine pollutant or 5 kg for a solid marine pollutant, or  
*SOR/2014-306*
    - (ii) a large means of containment and
      - (A) are in a quantity that is less than or equal to 500 kg,
      - (B) are transported by ship between two points in Canada, other than a ship on a home-trade voyage, Class I, and
      - (C) the large means of containment does not contain Class 1, Explosives, other than explosives included in Class 1.4, Class 5.2, Organic Peroxides, Class 6.1, Toxic Substances, or Class 7, Radioactive Materials.
- (3) The placard and UN number are not required to be displayed for substances identified as marine pollutants in subparagraph 2.43(b)(ii) when the marine pollutant mark is not required to be displayed in accordance with subsection (2).  
*SOR/2008-34*

#### **4.22.1 Category B Mark SOR/2008-34**

The Category B mark illustrated in the appendix to this Part must be displayed, instead of the Class 6.2, Infectious Substances label, on a small means of containment containing infectious substances included in UN3373, BIOLOGICAL SUBSTANCE, CATEGORY B.

*SOR/2014-159*

#### **4.23 Toxic – Inhalation Hazard SOR/2014-159**

A person must not import, offer for transport, handle or transport dangerous goods that are included in Class 6.1, Toxic Substances, in accordance with paragraph 2.28(c) of Part 2 (Classification), or Class 2.3, Toxic Gases, in accordance with paragraph 2.14(c) of Part 2 (Classification), unless the words “inhalation hazard” or “dangereux par inhalation” are displayed

- (a) in the case of a small means of containment, in letters at least 12 mm high, next to the shipping name, unless these words are already part of the shipping name; and
- (b) in the case of a large means of containment, on two opposite sides of the large means of containment, in addition to any placard or placard and UN number required by this Part, in letters
  - (i) at least 6 mm wide and 100 mm high in the case of a tank car,
  - (ii) at least 4 mm wide and 25 mm high in the case of a portable tank or an intermediate bulk container (IBC), and
  - (iii) at least 6 mm wide and 50 mm high in the case of all other large means of containment.

*SOR/2017-137*

#### **4.24 Lithium Battery Mark SOR/2017-137**

- (1) For the purposes of special provision 34, the lithium battery mark, illustrated in the appendix to this Part, must indicate
  - (a) “UN3090” for lithium metal cells or batteries;
  - (b) “UN3480” for lithium ion cells or batteries; and
  - (c) “UN3091” or “UN3481”, as appropriate, for lithium cells or batteries that are contained in, or packed with, equipment.
- (2) When a means of containment contains lithium cells or batteries assigned to different UN numbers, all applicable UN numbers must be indicated on one or more marks.
- (3) Subject to subsection (4), the mark must be at least 120 mm wide × 110 mm high and the hatching must be at least 5 mm wide.
- (4) The dimensions of the mark may be reduced for a means of containment that is an irregular shape or size if
  - (a) the mark is at least 105 mm wide × 74 mm high; and
  - (b) every symbol, letter and number required on the mark is reduced proportionately.

*SOR/2017-137*

## APPENDIX

### ILLUSTRATION OF DANGEROUS GOODS SAFETY MARKS

Each class of dangerous goods has assigned to it a label, a placard or both. The labels and placards are illustrated below. Also illustrated is the DANGER placard, the oxidizing gas label and placard, the elevated temperature sign, the fumigation sign, the marine pollutant mark and the orange panel. The size requirements for the signs, the marine pollutant mark and the orange panel are also provided.

#### LABELS AND PLACARDS

##### CLASS 1, EXPLOSIVES

Class 1.1, 1.2, 1.3



Label and Placard

Black: Symbol, numbers, letter and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Orange: Background

The symbol is an exploding bomb.

\*\* place for division – to be left blank if explosive is a subsidiary class

\* place for the Compatibility Group Letter – to be left blank if explosive is a subsidiary class

Class 1.4



Label and Placard

Black: Numbers, letter and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Orange: Background

\* place for the Compatibility Group Letter

Class 1.5



Class 1.6



## CLASS 2, GASES

### Class 2.1, Flammable Gases



**Label and Placard**

Black or White: Symbol, number and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Red: Background

The symbol is a flame.

### Class 2.2, Non-flammable and Non-toxic Gases



**Label and Placard**

Black or White: Symbol, number and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Green: Background

The symbol is a gas cylinder.

### Class 2.3, Toxic Gases



**Label and Placard**

Black: Symbol, number and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

White: Background

The symbol is a skull and crossbones.

### Oxidizing Gases



**Label and Placard**

Black: Symbol, number and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Yellow: Background

The symbol is a flame over a circle (Flaming "O").



**Placard for UN1005, ANHYDROUS AMMONIA  
SOR/2014-159**

Black: Number, symbol and line 12.5 mm inside the edge

White: Background

The symbol is a gas cylinder.

### **CLASS 3, FLAMMABLE LIQUIDS**

#### **Class 3, Flammable Liquids**



#### **Label and Placard**

Black or White:      Symbol, number and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Red:                  Background

The symbol is a flame.

**CLASS 4, FLAMMABLE SOLIDS, SUBSTANCES LIABLE TO SPONTANEOUS COMBUSTION AND SUBSTANCES THAT ON CONTACT WITH WATER EMIT FLAMMABLE GASES (WATER REACTIVE SUBSTANCES)**

**Class 4.1, Flammable Solids**



**Label and Placard**

Black: Symbol, number and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Red: 7 red stripes resulting in 13 equally spaced vertical stripes

White: Background

The symbol is a flame.

**Class 4.2, Substances Liable to Spontaneous Combustion**



**Label and Placard**

Black: Symbol, number and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Red: Lower half

White: Upper half

The symbol is a flame.

**Class 4.3, Water Reactive Substances**



**Label and Placard**

Black: Symbol, number and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Blue: Background

The symbol is a flame.

**CLASS 5, OXIDIZING SUBSTANCES AND ORGANIC PEROXIDES**

**Class 5.1, Oxidizing Substances**



**Class 5.2, Organic Peroxides**



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**Label and Placard**

Black: Symbol, number and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Yellow: Background

The symbol is a flame over a circle (Flaming "O").

Black: Number and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Black or white: Symbol

Yellow: Lower half of the background

Red: Upper half of the background

The symbol is a flame.

**Label and Placard**

*SOR/2014-159*

## **CLASS 6, TOXIC AND INFECTIOUS SUBSTANCES**

### **Class 6.1, Toxic Substances**



#### **Label and Placard**

Black: Symbol, number and line 5 mm inside the edge for a label  
and 12.5 mm inside the edge for a placard

White: Background

The symbol is a skull and crossbones.

### **Class 6.2, Infectious Substances**



#### **Label**

Black: Symbol, number, text and line 5 mm inside the edge

White: Background

The symbol is three crescents superimposed on a circle

The text is:

INFECTIOUS IN CASE OF DAMAGE OR LEAKAGE IMMEDIATELY NOTIFY LOCAL AUTHORITIES AND	INFECTIEUX EN CAS DE DOMMAGE OU DE FUISTE COMMUNIQUER IMMÉDIATEMENT AVEC LES AUTORITÉS LOCALES ET
CANUTEC 613-996-6666	

### **Class 6.2, Infectious Substances**



#### **Placard**

Black: Symbol, number and line 12.5 mm inside the edge

White: Background

The symbol is three crescents superimposed on a circle.

## CLASS 7, RADIOACTIVE MATERIALS

### Class 7, Radioactive Materials

#### Category I – White



#### Label and Optional Placard

Black: Symbol, number, text and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Red: One vertical bar following the word “RADIOACTIVE”

White: Background

The symbol is a trefoil.

The additional text under the word “RADIOACTIVE” is:

CONTENTS ACTIVITY	CONTENU ACTIVITÉ
----------------------	---------------------

### Class 7, Radioactive Materials

#### Category II – Yellow



#### Label and Optional Placard

Black: Symbol, number, text and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Red: Two vertical bars following the word “RADIOACTIVE”

Yellow: Upper half of background excluding the border

White: Lower half of background and the border

The symbol is a trefoil.

The additional text under the word “RADIOACTIVE” is:

CONTENTS ACTIVITY	CONTENU ACTIVITÉ
----------------------	---------------------



### Class 7, Radioactive Materials

#### Category III – Yellow



#### Label and Optional Placard

Black: Symbol, number, text and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

Red: Three vertical bars following the word “RADIOACTIVE”

Yellow: Upper half of background excluding the border

White: Lower half of background and the border

The symbol is a trefoil.

The additional text under the word “RADIOACTIVE” is:

CONTENTS ACTIVITY	CONTENU ACTIVITÉ
----------------------	---------------------

INDICE DE TRANSPORT INDEX



### Class 7, Radioactive Materials

#### Category



#### Placard

Black: Symbol, number, text and line 12.5 mm inside the edge

Yellow: Upper half of background excluding the border

White: Lower half of background and the border

The symbol is a trefoil.

The word “RADIOACTIVE” is optional.

**Class 7, Radioactive Materials**

**Category**



**Label**

- Black: Number, text, outline of the box in lower half and line through the centre of the label
- White: Background

## **CLASS 8, CORROSIVES**

### **Class 8, Corrosives**



#### **Label and Placard**

White: The number 8, upper half of background and the border

Black: Lower half of the background, except for the border and the number, and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

The symbol is liquid spilling from two glass vessels and attacking a hand and a metal bar.

## **CLASS 9, MISCELLANEOUS PRODUCTS, SUBSTANCES OR ORGANISMS AND LITHIUM BATTERIES**

*SOR/2017-137*

### **Class 9, Miscellaneous Products, Substances or Organisms**



*SOR/2017-137*

#### **Label and Placard**

Black: Symbol, number and line 5 mm inside the edge for a label and 12.5 mm inside the edge for a placard

White: Background

Symbol: 7 black stripes resulting in 13 equally spaced vertical stripes in the upper half

The number "9" underlined in bottom corner

*SOR/2017-137*

**Class 9, Lithium Batteries**

*SOR/2017-137*



*SOR/2017-137*

**Label**

*SOR/2017-137*

Black: Symbol, number and line 5 mm inside the edge

White: Background

Symbol: 7 black stripes resulting in 13 equally spaced vertical stripes in the upper half; battery group, one broken and emitting flame in lower half

The number “9” underlined in bottom corner

**OTHER PLACARDS**

**DANGER PLACARD**



**Placard**

Black: Text

White: Centre horizontal band forming the background for the word “DANGER”

Red: Background except for the centre band

The symbol is the word DANGER, with each letter at least 50 mm high and at least 10 mm wide.

## SIGNS

### ELEVATED TEMPERATURE SIGN



Red: Symbol and border

White: Background

Size: Equilateral triangle with sides of at least 250 mm in length

The symbol is a thermometer.

*This sign may be displayed on a standard-sized white placard.*

**FUMIGATION SIGN**



*SOR/2017-137*

Black: Symbol and text

White: Background

Size: Rectangle, at least 400 mm wide and 300 mm high  
with an outer line that is at least 2 mm wide

Symbol: The word "DANGER" centered on top of skull and  
crossbones

The lettering must be at least 25 mm high

The additional text under the symbol is:

THIS UNIT IS UNDER FUMIGATION  
WITH \* APPLIED ON  
\*\*  
\*\*\*  
VENTILATED ON \*\*\*\*

DO NOT ENTER

\* Replace with name of fumigant

\*\* Replace with date

\*\*\* Replace with time of fumigation

\*\*\*\* Replace with date of ventilation

*SOR/2017-137*

## MARKS

### MARINE POLLUTANT MARK



SOR/2014-159

Black: Symbol

White: Background

Size: For small means of containment, a square on point with each side at least 100 mm in length. For large means of containment, a square on point with each side at least 250 mm in length.

The symbol is a fish and a tree.

SOR/2014-159

### CATEGORY B MARK

SOR/2008-34



Letters, numbers and line:

Letters and numbers at least 6 mm high and line at least 2 mm wide

White:

Background, except that the background may be the colour of the means of containment if it contrasts with the letters, numbers and line

Size:

Square on point with each side at least 50 mm in length

SOR/2014-159

**LITHIUM BATTERY MARK**

*SOR/2017-137*



\* Replace with UN number(s)

\*\* Replace with telephone number for additional information

Black: Symbol

White: Background

Red: Border hatching, at least 5 mm wide

Size: Rectangle, at least 120 mm wide x 110 mm high

Symbol: A group of batteries, one damaged and emitting flame, above the UN number for lithium ion or lithium metal batteries or cells

*SOR/2017-137*

**PANELS**

**ORANGE PANEL**



Black: Numbers and border

Orange: Background

Size: Rectangle, at least 120 mm high and 300 mm wide with a border 10 mm wide.

Replace \* with the four digits of the UN number which must be at least 65 mm high.

## PART 5

### MEANS OF CONTAINMENT

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## **MEANS OF CONTAINMENT**

### ***Definitions*** **SOR/2008-34**

*Definitions for the following terms, used in this Part, are provided in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:*

<i>accidental release</i>	<i>handling</i>	<i>railway vehicle</i>
<i>aerosol container</i>	<i>IMDG Code</i>	<i>road vehicle</i>
<i>aircraft</i>	<i>IMDG Code, 29th Amendment</i>	<i>safety requirements</i>
<i>capacity</i>	<i>SOR/2002-306</i>	<i>safety standards</i>
<i>Category A</i>	<i>import</i>	<i>ship</i>
<i>Category B</i>	<i>infectious substance</i>	<i>small means of containment</i>
<i>certification safety mark</i>	<i>in standard</i>	<i>standardized means of containment</i>
<i>49 CFR</i>	<i>in transport</i>	<i>subsidiary class</i>
<i>class</i>	<i>large means of containment</i>	<i>substance</i>
<i>compatibility group</i>	<i>liquid</i>	<i>tube</i>
<i>consolidation bin SOR/2014-159</i>	<i>means of containment</i>	<i>Type 1A means of containment</i>
<i>culture</i>	<i>means of transport</i>	<i>Type 1B means of containment</i>
<i>cylinder</i>	<i>net explosives quantity</i>	<i>Type 1C means of containment</i>
<i>dangerous goods</i>	<i>offer for transport</i>	<i>UN Recommendations</i>
<i>flash point</i>	<i>packing group</i>	<i>UN standardized means of containment</i>
<i>gas</i>	<i>person</i>	
<i>gross mass</i>	<i>public safety</i>	

## **5.1 Interpretation – Crude Oil, Oil and Refined Petroleum Products SOR/2017-137**

For the purposes of this Part

**(a) crude oil**

means

- (i) oil, other than refined petroleum products,
- (ii) a blend of oils, other than refined petroleum products, or
- (iii) a blend of oils, other than refined petroleum products, with refined petroleum products;

**(b) oil**

means

- (i) crude oil produced at a wellhead in liquid form, and
- (ii) any other hydrocarbons, except coal and gas, including hydrocarbons that may be extracted or recovered from deposits of oil sand, bitumen, bituminous sand, oil shale or from any other types of deposits on the surface or subsurface or the seabed or its subsoil; and

**(c) refined petroleum products**

means

- (i) gasoline-type fuels for use in internal combustion engines,
- (ii) oil for use as a component in the blending of gasoline-type fuels referred to in subparagraph (i),
- (iii) middle distillates, including the products commercially known as kerosene, solvents, stove oil, diesel fuel, furnace oil, diesel oil, gas oil, distillate heating oil, engine distillates and Nos. 1, 2, and 3 fuel oils, and
- (iv) heavy fuel oils, including Nos. 4, 5 and 6 fuel oils, bunker “C” oil, “C” grade oil, residual fuel oil, heavy bunker oil, intermediate and thin bunker fuels and any blend of heavy fuel oils.

SOR/2017-137

### **5.1.1 Selecting and Using Means of Containment SOR/2017-137**

- (1) A person must not handle, offer for transport, transport or import dangerous goods in a means of containment unless the means of containment is required or permitted by this Part to be used for the transportation of the dangerous goods.
- (2) A person must not handle, offer for transport or transport dangerous goods in a standardized means of containment unless the standardized means of containment is in standard.
- (3) A person must not handle, offer for transport or transport dangerous goods in a means of containment that is required or permitted by this Part unless the means of containment is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety.

SOR/2017-137

## **5.2 Requirements for a Standardized Means of Containment to Be in Standard**

A standardized means of containment is in standard with a specific safety standard if it has displayed on it the certification safety marks required by the standard and

- (a) was in compliance with the requirements of the standard when each certification safety mark was first displayed; and
- (b) remains in compliance with the requirements of the standard that had to be complied with when each certification safety mark was first displayed.

### **5.3 Certification Safety Marks on a Means of Containment**

Any mark required by a safety standard is a certification safety mark and must be visible and legible when it is displayed on a means of containment.

*Under section 8 of the Act, a person must not sell, offer for sale, deliver, distribute, import or use a standardized means of containment unless it has displayed on it all the applicable prescribed safety marks.*

### **5.4 Loading and Securing**

A person must load and secure dangerous goods in a means of containment and must load and secure the means of containment on a means of transport in such a way as to prevent, under normal conditions of transport, damage to the means of containment or to the means of transport that could lead to an accidental release of the dangerous goods.

### **5.5 Filling Limits**

- (1) A person filling a means of containment with dangerous goods must not exceed the maximum quantity limit specified in a safety standard or safety requirement applicable to that means of containment.
- (2) If the maximum quantity limit for a means of containment is not specified in a safety standard or safety requirement, the person filling the means of containment with dangerous goods
  - (a) must not exceed the maximum quantity limit established by the manufacturer for the means of containment; and
  - (b) must ensure that the means of containment could not become liquid full at any temperature that is less than or equal to 55°C.

*SOR/2012-245*

#### **5.5.1 Repealed SOR/2015-100**

### **5.6 UN Standardized Means of Containment**

A means of containment is a UN standardized means of containment if it has displayed on it the applicable UN marks illustrated in Chapter 6.1, Chapter 6.3 and Chapter 6.5 of the UN Recommendations and

*SOR/2002-306*

- (a) it is in compliance with
  - (i) sections 2 and 3 and Part I of CGSB-43.125 for a Type P620 means of containment,  
*SOR/2017-137*
  - (ii) sections 2 and 3 and Part I of CGSB-43.146, or  
*SOR/2017-137*
  - (iii) sections 2 and 3 and Part 1 of TP14850; or  
*SOR/2014-152*
- (b) it was manufactured outside Canada in compliance with Chapter 6.1, 6.3 or 6.5 of the UN Recommendations and with the national regulations of the country of manufacture.

**Class 1, Explosives****5.7 Compatibility Groups**

- (1) A person must not load or transport with other explosives in the same means of transport, except for a ship, explosives that have a compatibility group letter listed in column 1 of a row in the following table unless the compatibility group letter of the other explosives is listed in column 2 of the same row:

Table  
SOR/2008-34

Column 1	Column 2
A	A
B	B, S
C	C, D, E, N, S
D	C, D, E, N, S
E	C, D, E, N, S
F	F, S
G	G, S
H	H, S
J	J, S
K	K, S
L	L
N	C, D, E, N, S
S	B, C, D, E, F, G, H, J, K, N, S

- (2) For a mixed load of two or more explosives with compatibility groups C, D, E, N or S, the compatibility group of the mixed load is the first compatibility group of E, D, C, N or S present in the mixed load.

*SOR/2008-34*

- (3) Despite subsection (1), detonators in compatibility group B may be loaded or transported in the same road vehicle with explosives in compatibility group D or N. The compatibility group of the mixed load is D.

*SOR/2008-34*

- (4) Despite subsection (1), explosive articles included in compatibility group G, except for fireworks with UN number UN0333, UN0334, UN0335 or UN0336, may be loaded or transported in the same road vehicle together with explosive articles included in compatibility group C, D or E. The compatibility group of the mixed load is E.

*SOR/2008-34*

- (5) For a mixed load of two explosives with one of the compatibility groups being S, the compatibility group of the mixed load is that of the other compatibility group.

*SOR/2008-34*

**5.8 Means of Containment for Class 1, Explosives**

A person must not handle, offer for transport or transport dangerous goods included in Class 1, Explosives, unless they are in a means of containment that is selected and used in accordance with CGSB-43.151.

*SOR/2014-306*

**5.9 Repealed SOR/2008-34**

## Class 2, Gases

### 5.10 Means of Containment for Class 2, Gases

- (1) A person must not offer for transport, handle or transport dangerous goods included in Class 2, Gases, in a means of containment unless the means of containment is manufactured, selected and used in accordance with
  - (a) for transport by road vehicle,
    - (i) CGSB-43.123, if the gas is included in Class 2.1, Flammable Gases or Class 2.2, Non-flammable and Non-toxic Gases,
    - (ii) CSA B340,
    - (iii) CSA B342,
    - (iv) CSA B622, except clause 4.3 of that standard, and, despite any indication to the contrary in CSA B620, Annex B of CSA B620,
    - (v) CSA B625, or
    - (vi) TP14877, if the means of containment is a ton container;
  - (b) for transport by railway vehicle,
    - (i) CGSB-43.123, if the gas is included in Class 2.1, Flammable Gases or Class 2.2, Non-flammable and Non-toxic Gases,
    - (ii) TP14877,
    - (iii) CSA B340,
    - (iv) CSA B342, or
    - (v) CSA B625;
  - (c) for transport by aircraft,
    - (i) CGSB-43.123, if the gas is included in Class 2.1, Flammable Gases or Class 2.2, Non-flammable and Non-toxic Gases,
    - (ii) CSA B340, or
    - (iii) CSA B342; and
  - (d) for transport by ship,
    - (i) CGSB-43.123, if the gas is included in Class 2.1, Flammable Gases or Class 2.2, Non-flammable and Non-toxic Gases,
    - (ii) TP14877,
    - (iii) CSA B340,
    - (iv) CSA B342,
    - (v) CSA B622, except clause 4.3 of that standard, and, despite any indication to the contrary in CSA B620, Annex B of CSA B620, or
    - (vi) CSA B625.
- (2) For the purposes of this section, clause 5.1.3(a) of CSA B340 must be read as requiring a cylinder, sphere or tube to be inspected before it is filled by verifying, through its markings or, in the case of a horizontally mounted container, the markings affixed to the vehicle or frame used to transport the container, that the cylinder, sphere or tube
  - (a) was manufactured in accordance with a container specification that is designated by the prefix “CTC”, “ICC”, “TC” or “DOT” and is listed in Table 29 of CSA B339;
  - (b) is an equivalent container as defined in CSA B340 and was manufactured in accordance with a container specification that is designated by the prefix “BTC”, “CRC”, “ICC” or “DOT”;
  - (c) was manufactured in accordance with a container specification that is designated by the prefix “BTC”, “CRC”, “ICC” or “DOT” followed by “3”, “3A480X”, “3B”, “3BN”, “4B240FLW”, “8”, “8AL” or “8WC”;

- (d) has the letters "CRC", "BTC", "CTC" or "TC" displayed on it and was manufactured before January 1, 1993 in accordance with the conditions of a special permit that was issued under the regulations for the transportation of dangerous goods by rail in force before December 5, 1991; or
  - (e) has the letters "ICC" or "DOT" displayed on it and was manufactured before January 1, 1993 in accordance with a packaging or handling exemption that was issued under Subpart B of Part 107 of 49 CFR.
- (3) For the purposes of this section, clause 5.1.4 of CSA B340 must be read as requiring a cylinder, sphere or tube that is referred to in paragraph (2)(a), (b) or (c) and is due for requalification to be requalified – before being filled – in accordance with the requirements of
- (a) CSA B339, if the requalification is performed in Canada;
  - (b) Part 180 of 49 CFR, if the requalification is performed in the United States; or
  - (c) CSA B339 or Part 180 of 49 CFR, if the requalification is performed outside both Canada and the United States.
- (4) For the purposes of this section, clause 5.1.4 of CSA B340 must be read as requiring
- (a) a cylinder, sphere or tube that is referred to in paragraph (2)(d) or (e) and that is due for requalification to be filled and requalified in accordance with the applicable special permit or exemption; and
  - (b) the requalification to be performed by a facility that is registered in accordance with CSA B339 or approved in accordance with Subpart I of Part 107 of 49 CFR.
- (5) For the purposes of this section, clause 5.1.4 of CSA B340 must be read as requiring a cylinder, sphere or tube that is referred to in subsection (2) that is due for requalification and that does not meet the requirements of the prefill inspection to be rejected and not be filled until the cause for rejection has been corrected.
- (6) For the purposes of this section, the following requirements apply in respect of a report of requalification, repair, reheat treatment or rebuilding that is referred to in clause 24.7 of CSA B339:
- (a) the person who prepares the report must give a copy of it to the owner of the means of containment;
  - (b) the person who prepares the report and the owner must each keep a copy of the report for 10 years; and
  - (c) the owner must, during the 10-year period, give a copy of the report to any person to whom ownership of the means of containment is transferred.
- (7) For the purposes of this section, clause 4.1.7 of CSA B342 must be read as requiring a UN pressure receptacle, including its closures,
- (a) to comply with the design, construction, initial inspection, and testing requirements set out in the edition of CSA B341 that was incorporated by reference in these Regulations at the time of manufacture;
  - (b) to comply with the design, construction, initial inspection, and testing requirements set out in an edition of CSA B341 that was not yet incorporated by reference in these Regulations at time of manufacture but for which early implementation was authorized by an equivalency certificate issued by the Minister; or
  - (c) to be marked with the letters "USA" in accordance with section 178.71(q)(3) of 49 CFR and to comply with the design, construction, initial inspection, and testing requirements set out in Subpart C of Part 178 of 49 CFR.
- (8) For the purposes of this section, if a UN pressure receptacle is used in accordance with CSA B342 and an outer packaging is required by that standard,
- (a) the UN pressure receptacle must be firmly secured within the outer packaging; and
  - (b) one or more inner packagings may be enclosed in the outer packaging, unless otherwise specified in clause 5 of CSA B342.
- (9) For the purposes of this section, clause 4.2.3 of CSA B342 must be read as requiring a multiple-element gas container
- (a) to comply with the design, construction, initial inspection, and testing requirements set out in the edition of CSA B341 that was incorporated by reference in these Regulations at the time of manufacture;
  - (b) to comply with the design, construction, initial inspection, and testing requirements set out in an edition of CSA B341 that was not yet incorporated by reference in these Regulations at time of manufacture but for which early implementation was

- authorized by an equivalency certificate issued by the Minister; or
- (c) to be marked with the letters “USA”, denoting the United States as the country of approval, in accordance with section 178.75(j)(1) of 49 CFR, and to comply with the design, construction, initial inspection, and testing requirements set out in Subpart C of Part 178 of 49 CFR.
- (10) For the purposes of this section, clause 5.5.1(b) of CSA B342 must be read as requiring a UN cylinder for adsorbed gases
- (a) to comply with the design, construction, initial inspection, and testing requirements set out in the edition of CSA B341 that was incorporated by reference in these Regulations at the time of manufacture; or
- (b) to be marked with the letters “USA” in accordance with section 178.71(q)(3) of 49 CFR and to comply with the design, construction, initial inspection, and testing requirements set out in Subpart C of Part 178 of 49 CFR.
- (11) For the purposes of this section, a person who uses a standardized means of containment in accordance with CSA B622 must use a means of containment that
- (a) is manufactured in accordance with CSA B620 if it was manufactured in Canada on or after August 31, 2008; and
- (b) is tested and inspected in accordance with CSA B620 if its most recent periodic re-test or periodic inspection was performed in Canada on or after August 31, 2008.
- (12) Despite paragraph 11(a), a standardized means of containment that is a TC 51 portable tank and that is used in accordance with CSA B622 may be manufactured in accordance with CSA B620-09.
- (13) For the purposes of subsection (12), the following requirements of CSA B622 do not apply:
- (a) the requirement in clause 4.2 respecting TC 51 portable tanks; and
- (b) the requirement in the footnote respecting TC 51 portable tanks after Table 1 to clause 4.4.3.

SOR/2017-137

## **5.11 UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES SOR/2014-152**

Despite section 5.10, a person must not handle, offer for transport or transport dangerous goods that are UN1950, AEROSOLS, or UN2037, GAS CARTRIDGES, unless they are contained in a means of containment that is manufactured, selected and used in accordance with CGSB-43.123.

SOR/2014-152

### **Classes 3, 4, 5, 6.1, 8 and 9 Dangerous Goods**

## **5.12 Small Means of Containment**

- (1) A person must not offer for transport, handle or transport dangerous goods included in Class 3, 4, 5, 6.1, 8 or 9 in a small means of containment unless it is a means of containment that is selected and used in accordance with Part II of CGSB-43.146 or a means of containment that is selected and used in accordance with sections 2 and 3 and with Part 2 of TP14850.
- SOR/2017-137
- (2) A person must not reuse a steel or plastic drum with a capacity greater than or equal to 150 L to handle, offer for transport or transport dangerous goods that are liquid and are included in Class 3, 4, 5, 6.1, 8 or 9 unless

SOR/2011-60

- (a) for a steel drum, the requirements for the reconditioning, remanufacturing and repair in Part II of CGSB-43.126 are complied with and the drum reconditioning, remanufacturing and repair facility is registered with Transport Canada in accordance with the requirements of Appendix A of CGSB-43.126; or

SOR/2011-60

- (b) for a plastic drum, the requirements for the reconditioning, remanufacturing and repair in Part III of CGSB-43.126 are complied with and the drum reconditioning, remanufacturing and repair facility is registered with Transport Canada in accordance with the requirements of Appendix A of CGSB-43.126.

SOR/2011-60

- (3) The manufacturer or subsequent distributor of a UN standardized small means of containment manufactured in Canada must provide a notice to the initial user in accordance with section 4.4 of TP14850. The manufacturer or subsequent distributor of a UN standardized intermediate bulk container (IBC) manufactured in Canada must provide a notice to the initial user in accordance with clause 4.8 of CGSB-43.146.

*SOR/2017-137*

- (4) A person must not reuse an IBC for liquids, or an IBC for solids, that is filled or discharged under pressure to offer for transport, handle or transport dangerous goods that are included in Class 3, 4, 5, 6.1, 8 or 9 unless it has been leak tested and inspected in accordance with clause 12.6 of CGSB-43.146.

*SOR/2017-137*

- (5) In addition to the requirements set out in subsection (1), a person who uses a means of containment that is required under CGSB-43.146 for the offering for transport of dangerous goods must follow the requirements of clauses 12.2, 12.3 and 12.4 of CGSB-43.146.

*SOR/2017-137*

### **5.13 Repealed SOR/2014-152**

### **5.14 Large Means of Containment SOR/2008-34**

- (1) A person must not handle, offer for transport or transport dangerous goods included in Class 3, 4, 5, 6.1, 8 or 9 in a large means of containment unless it is manufactured, selected and used in accordance with
- (a) for transport by road vehicle,
    - (i) the requirements of sections 2, 3, 12 and 13 of CGSB-43.146, if the means of containment is a UN standardized means of containment,
    - (ii) CSA B621, except clause 8.2(b), and, despite any indication to the contrary in CSA B620, Annex B of CSA B620,
    - (iii) CSA B625, or
    - (iv) TP14877, if the means of containment is a ton container;
  - (b) for transport by railway vehicle,
    - (i) the requirements of sections 2, 3, 12 and 13 of CGSB-43.146, if the means of containment is a UN standardized means of containment,
    - (ii) TP14877, or
    - (iii) CSA B625;
  - (c) for transport by aircraft, Part 12, Air, of these Regulations; and
  - (d) for transport by ship,
    - (i) the requirements of sections 2, 3, 12 and 13 of CGSB-43.146, if the means of containment is a UN standardized means of containment,
    - (ii) TP14877,
    - (iii) CSA B621, except clause 8.2(b), and, despite any indication to the contrary in CSA B620, Annex B of CSA B620, or
    - (iv) CSA B625.

*SOR/2014-152*

- (1.1) If there is a conflict between sections 5.14.1 to 5.15.6 and subparagraph (1)(b)(ii), sections 5.14.1 to 5.15.6 prevail to the extent of the conflict.

*SOR/2015-100*

- (2) In addition to the requirements of subparagraphs (1)(a)(ii) and (d)(iii), a person who uses a standardized means of containment that is required by CSA B621 to offer for transport dangerous goods included in Class 3, 4, 5, 6.1, 8 or 9 must use a means of containment
- (a) manufactured in accordance with CSA B620 if the means of containment was manufactured in Canada on or after August 31, 2008; and
  - (b) tested and inspected in accordance with CSA B620 when the most recent periodic re-test or periodic inspection is performed in Canada on or after August 31, 2008.

*SOR/2008-34*

- (3) ***Repealed*** *SOR/2017-137*

- (4) ***Repealed*** *SOR/2017-137*

**Tank Cars for Flammable Liquids** *SOR/2015-100*

**5.14.1 Clause 10.5.3 of TP14877** *SOR/2015-100*

The requirements of clause 10.5.3 of TP14877 do not apply in respect of the importing, offering for transport, handling or transporting of any dangerous goods included in Class 3, Flammable Liquids, Packing Group I, II or III, in a tank car.

*SOR/2015-100*

**5.14.2 Clause 10.1 of TP14877** *SOR/2017-137*

The exception set out in clause 10.1 of TP14877 does not apply in respect of the importing, offering for transport, handling or transporting of any of the following dangerous goods in a tank car:

*SOR/2017-137*

- (a) UN1170, ETHANOL more than 24% ethanol, by volume;
- (b) UN1267, PETROLEUM CRUDE OIL;
- (c) UN1268, PETROLEUM DISTILLATES, N.O.S., or PETROLEUM PRODUCTS, N.O.S. that are crude oil;
- (d) UN1987, ALCOHOLS, N.O.S.;
- (e) UN1993, FLAMMABLE LIQUID, N.O.S.;
- (f) UN3475, ETHANOL AND GASOLINE MIXTURE with more than 10% ethanol, ETHANOL AND MOTOR SPIRIT MIXTURE with more than 10% ethanol, or ETHANOL AND PETROL MIXTURE with more than 10% ethanol; and
- (g) UN3494, PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC.

*SOR/2015-100*

**5.14.3 Clause 10.1 of TP14877 – May 1, 2025** *SOR/2015-100*

Starting on May 1, 2025, the exception set out in clause 10.1 of TP14877 does not apply in respect of the importing, offering for transport, handling or transporting of dangerous goods included in Class 3, Flammable Liquids, Packing Group I, II or III, in a tank car.

*SOR/2015-100*

**5.15 Tank Car Selection** *SOR/2017-137*

- (1) A person must not import, offer for transport, handle or transport any of the dangerous goods listed in subsection (2) and included in Packing Group I, II or III in a tank car unless the tank car

*SOR/2017-137*

- (a) is a Class 105, 112, 115 or 120 tank car that is in compliance with the requirements of TP14877 for the tank car's class and that is equipped with a jacket that

*SOR/2017-137*

- (i) is made of ASTM A1011 steel, or steel of an equivalent standard,
  - (ii) has a thickness equal to or greater than 3 mm (11 gauge), and
  - (iii) is weather-resistant;
- (b) is an enhanced Class 111 tank car with a jacket;
- (c) is an enhanced Class 111 tank car without a jacket;
- (d) is a TC 117R tank car;
- (e) is a TC 117 tank car; or
- (f) is a TC 117P tank car.

- (2) The dangerous goods are

- (a) UN1267, PETROLEUM CRUDE OIL;
  - (b) UN1268, PETROLEUM DISTILLATES, N.O.S., or PETROLEUM PRODUCTS, N.O.S. that are crude oil; and
- SOR/2017-137*
- (c) UN3494, PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC.

*SOR/2015-100*

#### **5.15.1 Tank Car Selection *SOR/2017-137***

- (1) A person must not import, offer for transport, handle or transport any of the dangerous goods listed in subsection (2) and included in Packing Group I, II or III in a tank car unless the tank car

*SOR/2017-137*

- (a) is an enhanced Class 111 tank car with a jacket;
- (b) is an enhanced Class 111 tank car without a jacket;
- (c) is a TC 117R tank car;
- (d) is a TC 117 tank car; or
- (e) is a TC 117P tank car.

- (2) The dangerous goods are

- (a) UN1267, PETROLEUM CRUDE OIL;
  - (b) UN1268, PETROLEUM DISTILLATES, N.O.S., or PETROLEUM PRODUCTS, N.O.S. that are crude oil; and
- SOR/2017-137*
- (c) UN3494, PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC.

*SOR/2015-100*

**5.15.2 Tank Car Selection – April 1, 2020 SOR/2015-100**

- (1) Starting on April 1, 2020, a person must not import, offer for transport, handle or transport any of the dangerous goods listed in subsection (2) and included in Packing Group I, II or III in a tank car unless the tank car
  - (a) is an enhanced Class 111 tank car with a jacket;
  - (b) is a TC 117R tank car;
  - (c) is a TC 117 tank car; or
  - (d) is a TC 117P tank car.
- (2) The dangerous goods are
  - (a) UN1267, PETROLEUM CRUDE OIL;
  - (b) UN1268, PETROLEUM DISTILLATES, N.O.S., or PETROLEUM PRODUCTS, N.O.S. that are crude oil; and  
*SOR/2017-137*
  - (c) UN3494, PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC.

*SOR/2015-100*

**5.15.3 Tank Car Selection – May 1, 2023 SOR/2015-100**

- (1) Starting on May 1, 2023, a person must not import, offer for transport, handle or transport any of the dangerous goods listed in subsection (2) and included in Packing Group I, II or III in a tank car unless the tank car
  - (a) is an enhanced Class 111 tank car with a jacket;
  - (b) is an enhanced Class 111 tank car without a jacket;
  - (c) is a TC 117R tank car;
  - (d) is a TC 117 tank car; or
  - (e) is a TC 117P tank car.
- (2) The dangerous goods are
  - (a) UN1170, ETHANOL more than 24% ethanol, by volume;
  - (b) UN1987, ALCOHOLS, N.O.S.;
  - (c) UN1993, FLAMMABLE LIQUID, N.O.S.; and
  - (d) UN3475, ETHANOL AND GASOLINE MIXTURE with more than 10% ethanol, ETHANOL AND MOTOR SPIRIT MIXTURE with more than 10% ethanol, or ETHANOL AND PETROL MIXTURE with more than 10% ethanol.

*SOR/2015-100*

**5.15.4 Tank Car Selection – July 1, 2023 SOR/2015-100**

- (1) Starting on July 1, 2023, a person must not import, offer for transport, handle or transport any of the dangerous goods listed in subsection (2) and included in Packing Group I, II or III in a tank car unless the tank car

- (a) is an enhanced Class 111 tank car with a jacket;
  - (b) is a TC 117R tank car;
  - (c) is a TC 117 tank car; or
  - (d) is a TC 117P tank car.
- (2) The dangerous goods are
- (a) UN1170, ETHANOL more than 24% ethanol, by volume;
  - (b) UN1987, ALCOHOLS, N.O.S.;
  - (c) UN1993, FLAMMABLE LIQUID, N.O.S.; and
  - (d) UN3475, ETHANOL AND GASOLINE MIXTURE with more than 10% ethanol, ETHANOL AND MOTOR SPIRIT MIXTURE with more than 10% ethanol, or ETHANOL AND PETROL MIXTURE with more than 10% ethanol.

*SOR/2015-100*

#### **5.15.5 Tank Car Selection – May 1, 2025 *SOR/2015-100***

Starting on May 1, 2025, a person must not import, offer for transport, handle or transport dangerous goods included in Class 3, Flammable Liquids, Packing Group I, II or III, in a tank car unless the tank car

- (a) is a TC 117R tank car;
- (b) is a TC 117 tank car; or
- (c) is a TC 117P tank car.

*SOR/2015-100*

#### **5.15.6 Tank Cars Manufactured on or after October 1, 2015 *SOR/2015-100***

A person must not import, offer for transport, handle or transport dangerous goods included in Class 3, Flammable Liquids, Packing Group I, II or III, in a tank car that is manufactured on or after October 1, 2015 unless the tank car

- (a) is a TC 117 tank car; or
- (b) is a TC 117P tank car.

*SOR/2015-100*

#### **5.15.7 Enhanced Class 111 Tank Cars *SOR/2015-100***

- (1) For the purposes of sections 5.15 to 5.15.4 and 5.15.11, a tank car is an enhanced Class 111 tank car with a jacket if the following conditions are met:
- (a) the tank car is in compliance with the requirements of TP14877 for Class 111 tank cars;
  - (b) all the top shell service equipment is enclosed in a protective housing that meets the requirements set out in subsection (3);
  - (c) the tank shell and heads are made of carbon or low-alloy steel plate, in the normalized condition, that is AAR TC128 Grade B steel or ASTM A516 Grade 70 steel;

- (d) the tank heads are normalized after forming;
  - (e) in the case of a tank shell and heads made of AAR TC128 Grade B steel, the shell and heads have a thickness equal to or greater than 11.1 mm (7/16 in.);
  - (f) in the case of a tank shell and heads made of ASTM A516 Grade 70 steel, the shell and heads have a thickness equal to or greater than 12.7 mm (1/2 in.);
  - (g) the tank car is equipped with a jacket that
    - (i) is made of ASTM A1011 steel, or steel of an equivalent standard,
    - (ii) has a thickness equal to or greater than 3 mm (11 gauge), and
    - (iii) is weather-resistant;
  - (h) the tank is insulated, or fitted with a thermal protection blanket;
  - (i) the tank car is equipped with one or more reclosing pressure relief devices, each with a start-to-discharge pressure that is equal to or greater than 517 kPa (75 psi);
  - (j) the tank car is equipped at each end with a head shield that
    - (i) is made with structural or pressure vessel steel plate that has a thickness equal to or greater than 12.7 mm (1/2 in.), and
    - (ii) covers at least the lower half of the tank head; and
  - (k) in the case of a tank car equipped with a bottom outlet valve, the valve handle – unless stowed separately – is designed to bend or break free on impact without the valve opening or is designed so that all of the handle is located within the bottom discontinuity protective structure.
- (2) For the purposes of sections 5.15 to 5.15.3 and 5.15.11, a tank car is an enhanced Class 111 tank car without a jacket if the following conditions are met:
- (a) the tank car meets the conditions set out in paragraphs (1)(a) to (d) and (i) to (k);
  - (b) in the case of a tank shell and heads made of AAR TC128 Grade B steel, the shell and heads have a thickness equal to or greater than 12.7 mm (1/2 in.); and
  - (c) in the case of a shell and heads made of ASTM A516 Grade 70 steel, the shell and heads have a thickness equal to or greater than 14.3 mm (9/16 in.).
- (3) The protective housing must be in compliance with clause 10.5.3.1 of TP14877, but
- (a) clause 10.5.3.1.a must be read as “W is defined as the designed gross rail load of the tank car, less trucks”; and
  - (b) clause 10.5.3.1.3 must be read as “The protective structure must provide a means of drainage with a minimum flow area equivalent to six holes, each with a diameter of 25.4 mm (1 in.)”.

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#### **5.15.8 TC 117R Tank Cars SOR/2015-100**

For the purposes of sections 5.15 to 5.15.5 and 5.15.11, a tank car is a TC 117R tank car if the following conditions are met:

- (a) the tank car is in compliance with the requirements of TP14877 for Class 111 tank cars;
- (b) the tank shell and heads have a thickness equal to or greater than 11.1 mm (7/16 in.);

- (c) the tank car is equipped with a jacket that
  - (i) is made of ASTM A1011 steel, or steel of an equivalent standard,
  - (ii) has a thickness equal to or greater than 3 mm (11 gauge), and
  - (iii) is weather-resistant;
- (d) the tank car is equipped with a thermal protection system that meets the requirements of clause 8.2.7 of TP14877;
- (e) the tank car is equipped at both ends with a full head shield that is made with structural or pressure vessel steel plate that has a thickness equal to or greater than 12.7 mm (1/2 in.);
- (f) in the case of a tank car equipped with a bottom outlet valve, the valve handle – unless stowed separately – is designed to bend or break free on impact without the valve opening or is designed so that all of the handle is located within the bottom discontinuity protective structure; and
- (g) the tank car is equipped with a reclosing pressure relief device.

*SOR/2015-100*

#### **5.15.9 TC 117 Tank Cars *SOR/2015-100***

- (1) For the purposes of sections 5.15 to 5.15.6, a tank car is a TC 117 tank car if the following conditions are met:
  - (a) the tank car is in compliance with the requirements of sections 1 to 9 of TP14877 for Class 111 tank cars;
  - (b) the tank shell and heads are made of steel plate, in the normalized condition, that is AAR TC128 Grade B steel that
    - (i) has a minimum tensile strength equal to or greater than 560 MPa (81 000 psi), and
    - (ii) has a thickness equal to or greater than 14.3 mm (9/16 in.);
  - (c) the plate thickness of the tank heads is measured after the heads are formed;
  - (d) all the top shell service equipment – except for a hinged and bolted manway – is mounted on the manway cover plate and enclosed in a protective housing that meets the requirements set out in subsection (2);
  - (e) in the case of a tank car equipped with a bottom outlet valve, the valve handle – unless stowed separately – is designed to bend or break free on impact without the valve opening or is designed so that all of the handle is located within the bottom discontinuity protective structure;
  - (f) the tank car is equipped with a reclosing pressure relief device;
  - (g) the tank car is equipped with a jacket that
    - (i) is made of ASTM A1011 steel, or steel of an equivalent standard,
    - (ii) has a thickness equal to or greater than 3 mm (11 gauge), and
    - (iii) is weather-resistant;
  - (h) the tank car is equipped with a thermal protection system that meets the requirements of clause 8.2.7 of TP14877;
  - (i) the tank car is equipped with a tank head puncture resistance system that meets the requirement of clause 8.2.8 of TP14877;
  - (j) the test pressure of the tank is 6.9 bar (100 psi); and
  - (k) the burst pressure of the tank is 34.5 bar (500 psi).
- (2) The protective housing must be in compliance with clause 10.5.3.1 of TP14877, but

- (a) clause 10.5.3.1.a must be read as “W is defined as the designed gross rail load of the tank car, less trucks”; and
- (b) clause 10.5.3.1.3 must be read as “The protective structure must provide a means of drainage with a minimum flow area equivalent to six holes, each with a diameter of 25.4 mm (1 in.)”.

*SOR/2015-100*

**5.15.10 TC 117P Tank Cars *SOR/2015-100***

- (1) For the purposes of sections 5.15 to 5.15.5 and 5.15.11, a tank car is a TC 117P tank car if the tank car passes a side impact test and a head impact test carried out in accordance with this section and meets the conditions set out in
    - (a) paragraphs 5.15.8(a), (d), (f) and (g); or
    - (b) paragraphs 5.15.9(1)(a), (d) to (f), (h), (j) and (k).
  - (2) For the purposes of section 5.15.6, a tank car is a TC 117P tank car if the tank car passes a side impact test and a head impact test carried out in accordance with this section and meets the conditions set out in paragraphs 5.15.9(1)(a), (d) to (f), (h), (j) and (k).
  - (3) A tank car passes the impact tests if, at rest, there is no leak visible from the tank shell or head within at least one hour of the side impact test and within at least one hour of the head impact test.
  - (4) The side impact test is carried out as follows:
    - (a) the tank car is restrained in the direction of impact;
    - (b) the tank is filled, with no more than 4 per cent outage and with no internal pressure, with lading of the same density as the dangerous goods that the tank car is intended to carry;
    - (c) the tank may be filled with water if the dangerous goods that the tank car is intended to carry have a specific gravity of 1.1 or less;
    - (d) the tank car is hit by a proxy object;
    - (e) the proxy object has a mass equal to or greater than 129 727 kg (286,000 lbs.) and is fitted with a rigid punch that
      - (i) protrudes at least 1.5 m (60 in.) from the base of the proxy object, and
      - (ii) has a cross-section 30.5 cm (12 in.) high by 30.5 cm (12 in.) wide, with a 2.54 cm (1 in.) radius on each edge of the impact face;

*The proxy object is intended to approximate a loaded freight car, including the coupler with the knuckle removed.*
  - (f) at the instant of impact,
    - (i) the centre of the impact face of the punch is aligned with the intersection of the vertical and longitudinal centrelines of the tank, and
    - (ii) the horizontal centreline of the punch is perpendicular to the point of impact; and
  - (g) at the instant of impact, the speed of the punch face is equal to or greater than 5.36 m/s (12 mph).
- (5) The head impact test is carried out as follows:
    - (a) the tank car is restrained in the direction of impact;
    - (b) the tank is filled, with no more than 4 per cent outage and with no internal pressure, with lading of the same density as the dangerous goods that the tank car is intended to carry;
    - (c) the tank may be filled with water if the dangerous goods that the tank car is intended to carry have a specific gravity of 1.1 or less;

- (d) the tank car is hit by a proxy object;
  - (e) the proxy object has a mass equal to or greater than 129 727 kg (286,000 lbs.) and is fitted with a rigid punch that
    - (i) protrudes at least 1.5 m (60 in.) from the base of the proxy object, and
    - (ii) has a cross-section 30.5 cm (12 in.) high by 30.5 cm (12 in.) wide, with a 2.54 cm (1 in.) radius on each edge of the impact face;
- The proxy object is intended to approximate a loaded freight car, including the coupler with the knuckle removed.*
- (f) at the instant of impact,
    - (i) the centre of the impact face of the punch is aligned with the centre of the tank head, and
    - (ii) the horizontal centreline of the punch is perpendicular to the point of impact; and
  - (g) at the instant of impact, the speed of the punch face is equal to or greater than 8.05 m/s (18 mph).

*SOR/2015-100*

#### **5.15.11 Reporting *SOR/2015-100***

A consignor must, on reasonable notice given by the Minister, provide the Minister with the following information:  
*SOR/2017-137*

- (a) the number of TC117R tank cars that the consignor owns or leases;
- (b) the number of TC117P tank cars that the consignor owns or leases;
- (c) the number of Class 111 tank cars that the consignor owns or leases, and uses for importing, offering for transport or handling dangerous goods included in Class 3, Flammable Liquids; and
- (d) the number of enhanced Class 111 tank cars that the consignor owns or leases, and uses for importing, offering for transport or handling dangerous goods included in Class 3, Flammable Liquids.

*SOR/2015-100*

#### **Class 6.2, Infectious Substances**

#### **5.16 Means of Containment for Class 6.2, Infectious Substances**

- (1) A person must not offer for transport, handle or transport dangerous goods included in Category A or Category B of Class 6.2, Infectious Substances, unless the dangerous goods are in a means of containment that is manufactured, selected and used in accordance with CGSB-43.125.  
*SOR/2017-137*
- (2) If the means of containment is made available as a kit, the packaging manufacturer and subsequent distributor must provide the packaging information required under section 4.4 of CGSB-43.125 to the packaging purchaser at each initial purchase and to a packaging user upon request.  
*SOR/2017-137*

**Table  
SOR/2008-34**

Item	Column 1 Category	Column 2 Means of containment for cultures	Column 3 Means of containment or biological substances	Column 4 Means of containment for infectious substances intended for disposal
1.	Category A	1A	1B except for the following substances which must be contained in a 1A means of containment: (a) Crimean-Congo Hemorrhagic fever virus; (b) Ebola virus; (c) Flexal virus; (d) Guanarito virus; (e) Hantaviruses causing hemorrhagic fever with renal syndrome; (f) Hantaviruses causing pulmonary syndrome; (g) Hendra virus; (h) Herpes B virus (Cercopithecine Herpesvirus-1) (i) Junin virus; (j) Kyasanur Forest virus; (k) Lassa virus; (l) Machupo virus; (m) Marburg virus; (n) Monkeypox virus; (o) Nipah virus; (p) Omsk hemorrhagic fever virus; (q) Russian Spring-summer encephalitis virus (r) Sabia virus; and (s) Variola (smallpox virus).	1C except for the following substances which must be contained in a 1A means of containment: (a) Crimean-Congo Hemorrhagic fever virus; (b) Ebola virus; (c) Flexal virus; (d) Guanarito virus; (e) Hantaviruses causing hemorrhagic fever with renal syndrome; (f) Hantaviruses causing pulmonary syndrome; (g) Hendra virus; (h) Herpes B virus (Cercopithecine Herpesvirus-1) (i) Junin virus; (j) Kyasanur Forest virus; (k) Lassa virus; (l) Machupo virus; (m) Marburg virus; (n) Monkeypox virus; (o) Nipah virus; (p) Omsk hemorrhagic fever virus; (q) Russian Spring-summer encephalitis virus (r) Sabia virus; and (s) Variola (smallpox virus).
2.	Category B	1B	1B	1C

### **5.16.1 *Repealed* SOR/2017-137**

### **5.16.2 *Repealed* SOR/2017-137**

## **Class 7, Radioactive Materials**

### **5.17 Means of Containment for Class 7, Radioactive Materials**

A person must not handle, offer for transport or transport dangerous goods included in Class 7, Radioactive Materials, in a means of containment unless the means of containment is in compliance with the “Packaging and Transport of Nuclear Substances Regulations”.

## **Consolidation Bins SOR/2014-159**

### **5.18 Consolidation Bins SOR/2014-159**

A person must not use a consolidation bin to handle or transport dangerous goods in a road vehicle unless

- (a) the capacity of the consolidation bin is less than or equal to 1.8 m<sup>3</sup> (64 cubic feet);
- (b) the consolidation bin is reusable and constructed of plastic, wood or metal; and
- (c) the consolidation bin is blocked or braced within the road vehicle.

*SOR/2014-159*



## PART 6

### TRAINING

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## TRAINING

### *Definitions*

*Definitions for the following terms, used in this Part, are provided in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:*

<i>accidental release</i>	<i>employer</i>	<i>railway vehicle</i>
<i>aircraft</i>	<i>handling</i>	<i>road vehicle</i>
<i>certification safety mark</i>	<i>ICAO Technical Instructions</i>	<i>safety requirements</i>
<i>49 CFR</i>	<i>IMDG Code</i>	<i>safety standards</i>
<i>classification</i>	<i>imminent accidental release</i>	<i>ship</i>
<i>dangerous goods</i>	<i>inspector</i>	<i>shipping documents</i>
<i>dangerous goods safety mark</i>	<i>means of containment</i>	<i>shipping name</i>
<i>emergency</i>	<i>offer for transport</i>	<i>train</i>
<i>emergency response assistance plan or ERAP or ERP</i>	<i>person</i>	
	<i>public safety</i>	

### 6.1 Training Certificate Requirements

- (1) A person who handles, offers for transport or transports dangerous goods must
  - (a) be adequately trained and hold a training certificate in accordance with this Part; or
  - (b) perform those activities in the presence and under the direct supervision of a person who is adequately trained and who holds a training certificate in accordance with this Part.
- (2) An employer must not direct or allow an employee to handle, offer for transport or transport dangerous goods unless the employee
  - (a) is adequately trained and holds a training certificate in accordance with this Part; or
  - (b) performs those activities in the presence and under the direct supervision of a person who is adequately trained and who holds a training certificate in accordance with this Part.

### 6.2 Adequate Training

A person is adequately trained if the person has a sound knowledge of all the topics listed in paragraphs (a) to (m) that relate directly to the person's duties and to the dangerous goods the person is expected to handle, offer for transport or transport:

- (a) the classification criteria and test methods in Part 2, Classification;
- (b) shipping names;
- (c) the use of Schedules 1, 2 and 3;
- (d) the shipping document and train consist requirements in Part 3, Documentation;
- (e) the dangerous goods safety marks requirements in Part 4, Dangerous Goods Safety Marks;
- (f) the certification safety marks requirements, safety requirements and safety standards in Part 5, Means of Containment;
- (g) the emergency response assistance plan requirements in Part 7, Emergency Response Assistance Plan;
- (h) the report requirements in Part 8 (Reporting Requirements);  
*SOR/2016-95*
- (i) safe handling and transportation practices for dangerous goods, including the characteristics of the dangerous goods;

- (j) the proper use of any equipment used to handle or transport the dangerous goods;
  - (k) the reasonable emergency measures the person must take to reduce or eliminate any danger to public safety that results or may reasonably be expected to result from an accidental release of the dangerous goods;
  - (l) for air transport, the aspects of training set out in Chapter 4, Training, of Part 1, General, of the ICAO Technical Instructions for the persons named in that Chapter and the requirements in Part 12, Air, of these Regulations; and  
*SOR/2002-306*
- The ICAO Technical Instructions require the approval of training programmes for air carriers. Information may be obtained from the Chief, Dangerous Goods Standards, Civil Aviation, Transport Canada.*
- (m) for marine transport, the requirements set out in the IMDG Code and the “Dangerous Goods Shipping Regulations”, as applicable, and the requirements in Part 11, Marine, of these Regulations.

### **6.3 Issuance and Contents of a Training Certificate**

- (1) An employer who has reasonable grounds to believe that an employee is adequately trained and will perform duties to which the training relates must issue a training certificate to the employee that includes the following information:
  - (a) the name and address of the place of business of the employer;  
*The place of business could be a local office, a regional office or a head office.*
  - (b) the employee’s name;
  - (c) the date the training certificate expires, preceded by the words “Expires on” or “Date d’expiration”; and
  - (d) the aspects of handling, offering for transport or transporting dangerous goods for which the employee is trained, including the specific topics set out in section 6.2.

*Examples of how aspects of training may be shown on a certificate are:*

*All aspects of handling and transporting chlorine*

*All aspects of transporting dangerous goods included in Class 1*

*All aspects of acceptance procedures for transporting by air*

*All aspects of handling and transporting propane by ship*
- (2) A self-employed person who has reasonable grounds to believe that he or she is adequately trained and who will perform duties to which the training relates must issue to himself or herself a training certificate that includes the information required by subsection (1).
- (3) The training certificate must be signed
  - (a) by the employee and by the employer or another employee acting on behalf of the employer; or
  - (b) in the case of a self-employed person, by that person.
- (4) Despite subsection (1), if the employer of a person who is a member of a ship’s complement has reasonable grounds to believe that the person’s certificate of competency issued in accordance with the “Marine Certification Regulations” is acceptable evidence that the person is adequately trained, the employer is not required to issue the training certificate. The certificate of competency is a valid training certificate for the purposes of these Regulations when the certificate of competency is valid in Canada.

### **6.4 Foreign Carriers**

- (1) A document that is issued to a driver of a road vehicle licensed in the United States or to a member of the crew of a train subject to 49 CFR for the transportation of dangerous goods and that indicates that the driver or the crew member is trained in accordance with sections 172.700 to 172.704 of 49 CFR is a valid training certificate for the purposes of these Regulations when that document is valid in the United States.
- (2) A document that is issued to a foreign member of the flight crew of an aircraft registered in a country that is a Member State of the International Civil Aviation Organization and that indicates that the crew member is trained to transport dangerous goods by air is a valid training certificate for the purposes of these Regulations, in accordance with Article 33 of the Convention on

International Civil Aviation, when that document is valid in the Member State.

- (3) A document that is issued to a foreign member of the crew of a ship registered in a country that is a Member State of the International Maritime Organization and that indicates that the crew member is trained to transport dangerous goods by ship is a valid training certificate for the purposes of these Regulations when that document is valid in the Member State.

## **6.5 Expiry of a Training Certificate**

A training certificate expires

- (a) for transport by aircraft, 24 months after its date of issuance; and
- (b) for transport by road vehicle, railway vehicle or ship, 36 months after its date of issuance.

*A person's training should be up-to-date with these Regulations which, in turn, incorporate by reference other documents such as the ICAO Technical Instructions, the IMDG Code and the "Dangerous Goods Shipping Regulations". Consequently, additional training may have to be undertaken if regulatory changes applicable to the person's duties occur before the training certificate expires.*

## **6.6 Keeping Proof of Training: Employer's and Self-employed Person's Responsibility**

An employer or a self-employed person must keep a record of training or a statement of experience, as well as a copy of a training certificate, in electronic or paper form, beginning on the date the training certificate is issued and continuing until two years after the date it expires.

## **6.7 Showing Proof of Training: Employer's and Self-employed Person's Responsibility**

Within 15 days after the date of a written request by an inspector, the employer of a person who holds a training certificate or a self-employed person must provide a copy of the training certificate to the inspector and, if applicable, a copy of the record of training or the statement of experience and a description of the training material used in the person's training.

## **6.8 Showing Proof of Training: Trained Person's Responsibility**

A person who handles, offers for transport or transports dangerous goods, or who directly supervises another person engaged in these activities, must give his or her training certificate, or a copy of it, to an inspector immediately on request.

## PART 7

### EMERGENCY RESPONSE ASSISTANCE PLAN

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### ***Background***

*It is the responsibility of the person offering for transport or importing dangerous goods for which an emergency response assistance plan (ERAP) is required to establish such a plan and to have that plan approved by Transport Canada.*

*The object of an emergency response assistance plan is to ensure that there is immediately available a suitable response to emergency situations involving the dangerous goods for which the plan was created. Assistance from the plan holder may be in the form of telephone advice based on the information given by the personnel at the scene of an emergency or travel to the scene with specialized personnel and equipment.*

*If the person offering for transport or importing dangerous goods is also the carrier, that person still needs an approved plan.*

*The persons designated to issue an approval of an ERAP are the people in the Transport Canada, Transport Dangerous Goods Directorate, who hold the following positions:*

*Director General;*

*Director, Compliance and Response; and*

*Chief, Response Operations.*

## EMERGENCY RESPONSE ASSISTANCE PLAN

### **Definitions**

*Definitions for the following terms, used in this Part, are provided in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:*

<i>accidental release</i>	<i>gas</i>	<i>net explosives quantity</i>
<i>Act</i>	<i>ICAO Technical Instructions SOR/2011-239</i>	<i>offer for transport</i>
<i>capacity SOR/2008-34</i>	<i>IMDG Code SOR/2011-239</i>	<i>packing group SOR/2011-239</i>
<i>class SOR/2011-239</i>	<i>imminent accidental release</i>	<i>person</i>
<i>classification</i>	<i>import</i>	<i>railway vehicle</i>
<i>consignment</i>	<i>infectious substance SOR/2011-239</i>	<i>road vehicle</i>
<i>dangerous goods</i>	<i>large means of containment</i>	<i>shipping document SOR/2011-239</i>
<i>Director General</i>	<i>liquid</i>	<i>small means of containment SOR/2011-239</i>
<i>emergency</i>	<i>means of containment</i>	<i>solid</i>
<i>emergency response assistance plan or ERAP or ERP</i>	<i>Minister</i>	<i>special provision SOR/2011-239</i>
		<i>UN number SOR/2011-239</i>

### **7.1 Requirement for an Emergency Response Assistance Plan (ERAP)**

*SOR/2008-34*

*Subsection (1) deals with a quantity of dangerous goods having the same UN number and that are contained in a single minimum required means of containment (see paragraph 1.3(2)(j) in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases, for an explanation of a minimum required means of containment). If the quantity of dangerous goods in a single means of containment exceeds the ERAP limit, an ERAP is required regardless of the size of the means of containment. SOR/2011-239*

- (1) A person who offers for transport or imports dangerous goods that have the same UN number and that are contained in a single means of containment must have an approved ERAP if the quantity of those dangerous goods in the single means of containment exceeds the ERAP limit referred to in subsection (8).  
*SOR/2011-239*

*Subsection (2) deals with an accumulation of means of containment containing dangerous goods included in Class 3 with a subsidiary class of Class 6.1, in Class 4, in Class 5.2, Type B or Type C, or in Class 6.1 included in Packing Group I. SOR/2011-239*

- (2) A person who offers for transport or imports, in a road vehicle or a railway vehicle, dangerous goods that have the same UN number, that are included in one of the following classes and that are contained in more than one means of containment must have an approved ERAP if the total quantity of those dangerous goods in all the means of containment exceeds the ERAP limit referred to in subsection (8):
  - (a) Class 3, Flammable Liquids, with a subsidiary class of Class 6.1, Toxic Substances;
  - (b) Class 4, Flammable Solids, Substances Liable to Spontaneous Combustion, Substances That on Contact with Water Emit Flammable Gases (Water-reactive substances);
  - (c) Class 5.2, Organic Peroxides, that are Type B or Type C; and
  - (d) Class 6.1, Toxic Substances, that are included in Packing Group I.

*SOR/2011-239*

*Subsection (3) deals with an accumulation of large means of containment containing dangerous goods that require an ERAP.*  
*SOR/2011-239*

- (3) A person who offers for transport or imports, in a road vehicle or a railway vehicle, dangerous goods that have the same UN number and that are contained in more than one large means of containment must have an approved ERAP if the total quantity of those dangerous goods in all the large means of containment exceeds the ERAP limit referred to in subsection (8).  
*SOR/2011-239*

*Subsection (4) deals with dangerous goods included in Class 1, Explosives, that require an ERAP.*  
*SOR/2011-239*

- (4) A person who offers for transport or imports, in a road vehicle or a railway vehicle, dangerous goods included in Class 1, Explosives, and contained in one or more means of containment must have an approved ERAP if the total quantity of explosives with an ERAP index in Col. 7 of Schedule 1 exceeds the ERAP limit referred to in subsection (8) for the explosives with the lowest index number. If the quantities of explosives are expressed in net explosives quantity and number of articles, one kilogram net explosives quantity must be counted as 100 articles and each 100 articles must be counted as one kilogram net explosives quantity.  
*SOR/2011-239*

*Subsection (5) deals with an accumulation of interconnected means of containment with a capacity greater than 225 L that contain dangerous goods included in Class 2, Gases.*  
*SOR/2011-239*

- (5) A person who offers for transport or imports dangerous goods included in Class 2, Gases, that have the same UN number, that are contained in more than one means of containment, each of which has a capacity greater than 225 L, that are a single unit as a result of being interconnected through a piping arrangement, and that are permanently mounted on a structural frame for transport must have an approved ERAP if the total quantity of those dangerous goods in the interconnected means of containment exceeds the ERAP limit referred to in subsection (8).  
*SOR/2011-239*

- (6) A person who imports or offers for transport any of the following dangerous goods by rail in a tank car must have an approved ERAP if the quantity of the dangerous goods in the tank car exceeds 10 000 L:  
*SOR/2015-100*

- (a) UN1170, ETHANOL with more than 24% ethanol, by volume, ETHANOL SOLUTION with more than 24% ethanol, by volume, ETHYL ALCOHOL with more than 24% ethanol, by volume, or ETHYL ALCOHOL SOLUTION with more than 24% ethanol, by volume;
- (b) UN1202, DIESEL FUEL, GAS OIL or HEATING OIL, LIGHT;
- (c) UN1203, GASOLINE, MOTOR SPIRIT or PETROL;
- (d) UN1267, PETROLEUM CRUDE OIL;
- (e) UN1268, PETROLEUM DISTILLATES, N.O.S., or PETROLEUM PRODUCTS, N.O.S.;
- (f) UN1863, FUEL, AVIATION, TURBINE ENGINE;
- (g) UN1987, ALCOHOLS, N.O.S.;
- (h) UN1993, FLAMMABLE LIQUID, N.O.S.;
- (i) UN3295, HYDROCARBONS, LIQUID, N.O.S.;
- (j) UN3475, ETHANOL AND GASOLINE MIXTURE, with more than 10% ethanol, ETHANOL AND MOTOR SPIRIT MIXTURE, with more than 10% ethanol, or ETHANOL AND PETROL MIXTURE, with more than 10% ethanol; and
- (k) UN3494, PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC.

*SOR/2014-306*

*Subsection (7) deals with dangerous goods included in Class 6.2, Infectious Substances, that require an ERAP.*  
*SOR/2011-239*

- (7) A person who offers for transport or imports any quantity of the following Class 6.2, Infectious Substances, or any substance that exhibits characteristics similar to these substances, must have an approved ERAP:
- (a) Crimean-Congo Hemorrhagic fever virus;
  - (b) Ebola virus;
  - (c) Foot and mouth virus cultures;
  - (d) Guanarito virus;
  - (e) Hendra virus;
  - (f) Herpes B virus (Cercopithicine Herpesvirus-1) cultures;
  - (g) Junin virus;
  - (h) Kyasanur Forest virus;
  - (i) Lassa virus;
  - (j) Machupo virus;
  - (k) Marburg virus;
  - (l) Nipah virus;
  - (m) Omsk hemorrhagic fever virus;
  - (n) Russian Spring-Summer encephalitis virus;
  - (o) Sabia virus; and
  - (p) Variola (smallpox virus).

*SOR/2011-239*

- (8) A quantity of dangerous goods exceeds the ERAP limit if the dangerous goods have an index number in Col. 7 of Schedule 1 and
- (a) if a solid, have a mass that is greater than the index number when that number is expressed in kilograms;
  - (b) if a liquid, have a volume that is greater than the index number when that number is expressed in litres;
  - (c) if a gas, including a gas in a liquefied form, are contained in a means of containment that has a capacity greater than the index number when that number is expressed in litres; or
  - (d) if an explosive
    - (i) not subject to special provision 86, have a net explosives quantity that is greater than the index number when that number is expressed in kilograms, or
    - (ii) subject to special provision 86, are in a quantity that is greater than the number of articles listed for the explosive.

*SOR/2011-239*

- (9) For the purposes of subsections (1) to (7), a person, other than a manufacturer or producer, who offers for transport or imports dangerous goods for which an approved ERAP is required, is not required to apply for approval of an ERAP in accordance with section 7.2 if the person shows on a shipping document
- (a) the ERAP reference number and the telephone number to call to activate the approved ERAP held by a manufacturer, producer or distributor of the dangerous goods, and
    - (i) the approved ERAP applies to the dangerous goods, the mode of transport, the means of containment and the area in which the dangerous goods are to be transported,
    - (ii) the person who holds the approved ERAP gives permission in writing for the approved ERAP to be used and for the reference number of that approved ERAP and the telephone number to call to activate the approved ERAP to be shown on the other person's shipping document, and

- (iii) the person who holds the approved ERAP agrees to respond to an emergency on behalf of the other person; or

*The written permission required under subparagraph (a)(ii) from the person who holds an approved ERAP to another person to use that ERAP is required only once. However, the written permission may be in a notation on a shipping document that indicates that the holder of the approved ERAP gives permission, for example, to a carrier to use the approved ERAP.*

- (b) the ERAP reference number and the telephone number to call to activate the approved ERAP held by any other person, if the dangerous goods originate outside Canada and
- (i) the dangerous goods are transported through Canada to a destination outside Canada, and
  - (ii) the person who offers for transport or imports the dangerous goods complies with the conditions set out in subparagraphs (a)(i) to (iii).

*A distributor is not referred to in the portion of subsection (9) before paragraph (a) because a manufacturer or producer must always have an approved ERAP if one is required. This is not the case for a distributor, who may hold an approved ERAP but may also use the approved ERAP of a manufacturer or producer.*

*SOR/2011-239*

- (10) The person who holds an approved ERAP and gives permission to another person to use that ERAP in accordance with subsection (9) must
- (a) when that permission is given, notify the Director General in writing of the name of the person who will use the approved ERAP and the ERAP reference number; and
  - (b) when that permission is rescinded, notify the Director General in writing.

*SOR/2011-239*

- (11) Whether or not another person's ERAP number is shown on a shipping document in accordance with subsection (9), the person who is required to have an approved ERAP in accordance with subsection 7(1) of the Act remains responsible for emergency response assistance as required under the Act.

*SOR/2011-239*

- (12) Any substance that would require an ERAP if its classification were determined in accordance with Part 2, Classification, requires an approved ERAP if its classification from the ICAO Technical Instructions, the IMDG Code or the UN Recommendations is used as permitted under subsection 2.2(4) of that Part.

*SOR/2014-152*

## 7.2 Applying for Approval of an ERAP

*The level of detail of the information required in paragraph (2)(h) of this section should be appropriate for a fire department evaluating an emergency situation. The person who provides the information must include an analysis of how a release could occur (e.g., damage to a valve, a manway cover, a frangible disk or a container wall) and how any released dangerous goods could react. Transport Canada has developed a brochure to give guidance on this topic.*

- (1) A person must apply, in writing, to the Minister or a designated person for the approval of an ERAP.
- (2) The application for an ERAP approval must be signed by the person submitting it and must include the following information:
- (a) the name and address of the place of business of the applicant;
  - (b) the telephone number, including the area code and, if applicable, the electronic mailing address and facsimile number of the applicant;
  - (c) the classification of the dangerous goods to which the ERAP relates;
  - (d) the type and size of the means of containment used to transport the dangerous goods to which the ERAP relates;
  - (e) the geographical area covered by the ERAP;
  - (f) the telephone number, including the area code, to call to have the ERAP activated immediately;

- (g) a description of the emergency response capabilities available to the person offering for transport or importing dangerous goods including
    - (i) the number of persons qualified to give, by telephone, technical advice about the dangerous goods,
    - (ii) the number of persons qualified and available to give advice and assistance at the site of an emergency,
    - (iii) a list of the specialized equipment that can be transported to and used at the site of an emergency,
    - (iv) a general description of the response actions capable of being taken at the site of an emergency,
    - (v) a description of the transportation arrangements to bring specialized emergency response personnel and equipment to the site of an emergency, and
    - (vi) a description of the communications systems that can be made available at the site of an emergency;
  - (h) a potential accident assessment including
    - (i) a general analysis of how an accidental release of dangerous goods could occur,
    - (ii) a general description of the potential consequences of an accidental release of dangerous goods, and
    - (iii) a description of the action the applicant is expected to take in the event of an accidental release or an imminent accidental release of dangerous goods; and
- (i) a copy of any formal agreement with a third party for the provision of assistance.

### **7.3 Approval or Refusal of an ERAP**

- (1) When an ERAP application is approved, the Minister or the designated person must give the applicant, in writing, a reference number for the ERAP.

*Under subsection 7(3) of the Act, the Minister or a designated person may approve an ERAP pending an investigation if the Minister or the designated person has no reason to suspect that the plan is incapable of being implemented or will be ineffective. An ERAP application that does not include all the information required by subsection 7.2(2) could be approved for a specified period pending an investigation.*

- (2) If an ERAP application is refused, the Minister or the designated person must notify the applicant, in writing, of the refusal and the reasons for the refusal.

### **7.4 Applying for Approval of a Renewal or Revision of an ERAP**

A person who applies for approval of a renewal or revision of an ERAP must submit to the Minister or a designated person, in writing, the following information:

- (a) the name and address of the place of business of the applicant;
- (b) the telephone number, including the area code and, if applicable, the electronic mailing address and the facsimile number of the applicant;
- (c) for renewal of an ERAP, certification that the information provided in the original application in accordance with paragraphs 7.2(2)(c) to (i) or in the most recent renewal is still accurate and complete; and
- (d) for a revision of an ERAP, a description of the proposal for the revision stating how the proposed revision will ensure that the ERAP is capable of being implemented and will be effective in responding to an accident that occurs while the dangerous goods are being transported.

### **7.5 Approval or Refusal of a Renewal or Revision of an ERAP**

- (1) When an application for renewal or revision of an ERAP is approved, the Minister or the designated person must give the applicant, in writing, a reference number for the ERAP.
- (2) If an application for renewal or revision of an ERAP is refused, the Minister or the designated person must notify the applicant, in writing, of the refusal and the reasons for the refusal.

## **7.6 Revoking an ERAP Approval**

- (1) The Minister or a designated person must notify the affected person, in writing, of the revocation of an ERAP approval under subsection 7(4) of the Act and the reasons for the revocation.
- (2) A revocation takes effect when it is signed or at a later date if one is indicated in it. However, after the effective date of the revocation, any non-compliance with the Act that is a result of the revocation must not be enforced against a person unless the person has received the original, signed revocation or an electronic copy of it, or reasonable steps have been taken to make the person aware of the revocation.

## **7.7 Requesting a Review of a Decision to Refuse or Revoke an ERAP Approval**

- (1) A person may request a review of the decision to refuse or revoke an ERAP approval within 30 days after being notified of the decision.
- (2) The request must be made, in writing, to the Minister or a designated person and must include the following information:
  - (a) the name and address of the place of business of the person requesting the review; and
  - (b) the reasons why the decision should be reversed.

## **7.8 Processing a Request for a Review**

The Minister or, in the case of an approval that was refused or revoked by a designated person, the Director General may issue an approval that was refused or reissue a revoked approval, if the Minister or Director General determines on the basis of available information, including information provided with the request for review, that the ERAP is capable of being implemented and will be effective in responding to an accident that occurs while the dangerous goods are being transported.

## **7.9 Notification of a Decision on Review**

The Minister or the Director General must notify in writing the person who made the request for a review of the decision on the review and the reasons for it.

## **7.10 Compensation for Authorized Implementation of an Approved Emergency Response Assistance Plan (ERAP)**

*In accordance with section 7.2 of the Act, section 7.10 sets out compensation for a person with an approved emergency response assistance plan (ERAP) and who is authorized by the Minister to implement it to respond to a security (terrorist) incident.*

*If a person with an approved ERAP is contacted by the Minister and agrees, the Minister could authorize the person to respond to a security (terrorist) incident on behalf of the Government of Canada. The Minister would select an ERAP based on the appropriateness of the plan and the ability of the person to respond in a timely manner. Should the person agree to respond, the Government would pay the expenses, specified in section 7.10, that are associated with the response action, including those related to death, disability or injury. The person would have personal liability protection under section 20 of the Act.*

*An ERAP response to a security (terrorist) incident involving a release of dangerous goods would occur once it has been determined that all terrorist-related hazards other than the dangerous goods have been eliminated.*

*Under the Act, industry is responsible for responding to safety or security incidents involving dangerous goods that are offered for transport, imported, handled or transported by a known person who has an approved ERAP for those dangerous goods. This existing response program and associated activities do not change because of these Regulations, which are intended to provide emergency response in the event that there is a security (terrorist) incident involving a release of dangerous goods by unknown persons.*

- (1) If a person agrees to implement an approved ERAP in accordance with paragraph 7.1(b) of the Act, the following expenses are authorized for the purposes of compensation under section 7.2 of the Act:
  - (a) expenses related to the death, disability or injury of the person or to the death, disability or injury of any of the person's employees or contractors if
    - (i) the person, the employee or the contractor is killed, disabled or injured during the implementation of the approved ERAP, and
    - (ii) the death, disability or injury is the result of an act or omission that was committed by the person in good faith and without negligence;
  - (b) the cost of the person's employees or contractors who are reasonably required to implement the approved ERAP;
  - (c) the cost of using the person's tools and other equipment, such as vehicles, pumps, hoses and generators, that are reasonably required to implement the approved ERAP;
  - (d) travel expenses, such as those incurred for meals, accommodation, fuel, oil and flights, for persons who are reasonably required to implement the approved ERAP;
  - (e) rental fees for heavy equipment, such as cranes, bulldozers, pumps, compressors and generators, that is reasonably required to implement the approved ERAP;
  - (f) other overhead costs that can be reasonably attributed to the implementation of the approved ERAP;
  - (g) the cost of repairing tools and other equipment that are damaged during the implementation of the approved ERAP;
  - (h) the cost of replacing
    - (i) single-use equipment and supplies, such as packaging, personal protective equipment, personal protective clothing, chemicals and other consumables, that are reasonably required to implement the approved ERAP,
    - (ii) tools and other equipment that are lost during the implementation of the approved ERAP, and
    - (iii) tools and other equipment that are damaged beyond repair during the implementation of the approved ERAP;
  - (i) the cost of repairing or replacing personal property or movables or real property or immovables that have to be damaged to implement the approved ERAP;
  - (j) the cost of defending any legal action for which there is no personal liability under paragraph 20(c) of the Act; and
  - (k) the cost of cleaning up after an incident, including handling and disposal costs for dangerous goods and contaminated materials.
- (2) The following expenses are not authorized for the purposes of compensation under section 7.2 of the Act:
  - (a) the cost of purchasing new equipment to implement the approved ERAP; and
  - (b) the cost of lost business or production during the implementation of the approved ERAP.

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## 7.11 Compensation Limits

- (1) Compensation under paragraph 7.10(1)(a) is limited to the compensation that would be paid in relation to the dead, disabled or injured person if the person were insured under
  - (a) the Public Service Management Insurance Plan;
  - (b) the Public Service Health Care Plan, with hospital coverage at level III; and
  - (c) the Public Service Dental Care Plan.
- (2) Compensation under paragraph 7.10(1)(h) in relation to the replacement of the items listed in subparagraphs (i), (ii) and (iii) is limited to the cost of an item of equivalent capability and quality.

- (3) Compensation under paragraph 7.10(1)(i) in relation to damaged property is limited to the fair market value of the property immediately before it is damaged by the person who implements the approved ERAP.

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### **7.12 Claims for Compensation**

Claims for compensation must be submitted with supporting documentation to the Director General no later than three months after completion of the emergency response work.

*This section is intended to accommodate more than one claim because the emergency response work may include mitigation of the danger at multiple sites or may include multiple sequential mitigation actions that take time.*

*SOR/2011-210*

### **7.13 Emergency Response Assistance Plan for Emergency Response Contractors**

A person who is not a manufacturer, producer or distributor of dangerous goods that require an ERAP, but who specializes in emergency response, may apply to have an ERAP approved under section 7.2 of this Part for the purpose of responding, in accordance with paragraph 7.1(b) of the Act, to an actual or anticipated release of dangerous goods.

*SOR/2011-210*

## PART 8

### REPORTING REQUIREMENTS *SOR/2016-95*

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**REPORTING REQUIREMENTS**  
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**Definitions**

*Definitions for the following terms, used in this Part, are provided in Part I (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases):*

*SOR/2016-95*

<i>aircraft</i>	<i>Director General</i>	<i>person</i>
<i>CANUTEC</i>	<i>emergency</i>	<i>railway vehicle</i>
<i>certification safety mark</i>	<i>emergency response assistance plan or ERAP or ERP</i>	<i>release</i> <i>SOR/2016-95</i>
<i>class</i>	<i>employer</i>	<i>road vehicle</i>
<i>classification</i>	<i>infectious substance</i>	<i>ship</i>
<i>consignor</i>	<i>means of containment</i>	<i>shipping name</i>
<i>dangerous goods</i>		<i>UN number</i>

**8.1 Application and Interpretation***SOR/2016-95*

This Part applies in respect of

- (a) the release or anticipated release of dangerous goods that are being offered for transport, handled or transported by road vehicle, railway vehicle or ship;
- (b) the release or anticipated release of dangerous goods that are being offered for transport, handled or transported by aircraft;
- (c) undeclared and misdeclared dangerous goods that are being offered for transport, handled or transported by aircraft;
- (d) the loss or theft of dangerous goods; and
- (e) unlawful interference with dangerous goods.

*SOR/2016-95***Road, Rail and Marine Reports***SOR/2016-95***8.2 Emergency Report — Road, Rail or Marine***SOR/2016-95*

A person who is required by subsection 18(1) of the Act to report a release or anticipated release of dangerous goods that are being offered for transport, handled or transported by road vehicle, railway vehicle or ship must, as soon as possible after a release or anticipated release, make an emergency report to any local authority that is responsible for responding to emergencies at the geographic location of the release or anticipated release if the dangerous goods are, or could be, in excess of the quantity set out in the following table:

Table

Class	Packing Group or Category	Quantity
1	II	Any quantity
2	Not applicable	Any quantity
3, 4, 5, 6.1 or 8	I or II	Any quantity
3, 4, 5, 6.1 or 8	III	30 L or 30 kg
6.2	A or B	Any quantity
7	Not applicable	A level of ionizing radiation greater than the level established in section 39 of the “Packaging and Transport of Nuclear Substances Regulations, 2015”
9	II or III, or without packing group	30 L or 30 kg

*SOR/2016-95***8.3 Information to be Included in an Emergency Report — Road, Rail or Marine***SOR/2016-95*

An emergency report referred to in section 8.2 must include the following information:

- (a) the name and contact information of the person making the report;
- (b) in the case of a release of dangerous goods, the date, time and geographic location of the release;

- (c) in the case of an anticipated release of dangerous goods, the date, time and geographic location of the incident that led to the anticipated release;
- (d) the mode of transport used;
- (e) the shipping name or UN number of the dangerous goods;
- (f) the quantity of dangerous goods that was in the means of containment before the release or anticipated release;
- (g) in the case of a release of dangerous goods, the quantity of dangerous goods estimated to have been released; and
- (h) if applicable, the type of incident leading to the release or anticipated release, including a collision, roll-over, derailment, overfill, fire, explosion or load-shift.

*SOR/2016-95*

#### **8.4 Release or Anticipated Release Report — Road, Rail or Marine**

*SOR/2016-95*

- (1) Subject to subsection (2), a person who has made an emergency report referred to in section 8.2 must, as soon as possible after making it, make a report to the persons listed in subsection (4).
- (2) Subject to subsection (3), the person is not required to make a report referred to in subsection (1) if the release or anticipated release did not result in
  - (a) the death of a person;
  - (b) a person sustaining injuries that required immediate medical treatment by a health care provider;
  - (c) an evacuation of people or their shelter in place; or
  - (d) the closure of
    - (i) a facility used in the loading and unloading of dangerous goods, or
    - (ii) a road, a main railway line or a main waterway.
- (3) The person is required to make a report referred to in subsection (1) if
  - (a) a means of containment has been damaged to the extent that its integrity is compromised; or
  - (b) the centre sill or stub sill of a tank car is broken or there is a crack in the metal equal to or greater than 15 cm (6 in.).
- (4) For the purposes of subsection (1), the persons to whom a report must be made are
  - (a) CANUTEC, at 1-888-CANUTEC (1-888-226-8832) or 613-996-6666;
  - (b) the consignor of the dangerous goods;
  - (c) in the case of dangerous goods included in Class 7, Radioactive Materials, the Canadian Nuclear Safety Commission; and
  - (d) in the case of a ship, a Vessel Traffic Services Centre or a Canadian Coast Guard radio station.

*SOR/2016-95*

#### **8.5 Information to be Included in a Release or Anticipated Release Report — Road, Rail or Marine**

*SOR/2016-95*

A release or anticipated release report referred to in section 8.4 must include the following information:

- (a) the name and contact information of the person making the report;
- (b) in the case of a release of dangerous goods, the date, time and geographic location of the release;
- (c) in the case of an anticipated release of dangerous goods, the date, time and geographic location of the incident that led to the anticipated release;
- (d) the mode of transport used;
- (e) the shipping name or UN number of the dangerous goods;
- (f) the quantity of dangerous goods that was in the means of containment before the release or anticipated release;

- (g) in the case of a release of dangerous goods, the quantity of dangerous goods estimated to have been released;
- (h) if applicable, the type of incident leading to the release or anticipated release, including a collision, rollover, derailment, overfill, fire, explosion or load-shift;
- (i) if applicable, the name and geographic location of any road, main railway line or main waterway that was closed;
- (j) a description of the means of containment containing the dangerous goods;
- (k) if applicable, an estimate of the number of people evacuated or sheltered in place; and
- (l) if applicable, the number of deaths and the number of persons who sustained injuries that required immediate medical treatment by a health care provider.

*SOR/2016-95*

## **8.6 30-Day Follow-up Report**

*SOR/2016-95*

A person who has made a report referred to in section 8.4, or the person's employer, must make a follow-up report in writing to the Director General within 30 days after the day on which the report was made.

*SOR/2016-95*

## **8.7 Information to be Included in a 30-Day Follow-up Report**

*SOR/2016-95*

A follow-up report referred to in section 8.6 must include the following information:

- (a) the name and contact information of the person making the report;
- (b) the names and contact information of the consignor, consignee and carrier;
- (c) in the case of a release of dangerous goods, the date, time and geographic location of the release;
- (d) in the case of an anticipated release of dangerous goods, the date, time and geographic location of the incident that led to the anticipated release;
- (e) the mode of transport used;
- (f) the classification of the dangerous goods;
- (g) the quantity of dangerous goods that was in the means of containment before the release or anticipated release;
- (h) in the case of a release of dangerous goods, the quantity of dangerous goods estimated to have been released;
- (i) a description of the means of containment containing the dangerous goods;
- (j) if applicable, a description of any failure of or damage to the means of containment;
- (k) information about the events leading to the release or anticipated release of dangerous goods;
- (l) information as to whether there was an explosion or fire;
- (m) the name and geographic location of any facility used in the loading or unloading of the dangerous goods that was closed, and the duration of the closure;
- (n) the name and geographic location of any road, main railway line or main waterway that was closed, and the duration of the closure;
- (o) if applicable, an estimate of the number of people evacuated or sheltered in place and the duration of the evacuation or shelter in place;
- (p) if applicable, the number of deaths and the number of persons who sustained injuries that required immediate medical treatment by a health care provider;
- (q) if applicable, the ERAP reference number;
- (r) the date on which the report referred to in section 8.4 was made; and

- (s) an estimate of any financial loss incurred as a result of the release or anticipated release, and any emergency response cost or remediation costs related to it.

*SOR/2016-95*

## **8.8 30-Day Follow-up Report — Notice and Retention of Report**

*SOR/2016-95*

- (1) A person who has made a follow-up report referred to in section 8.6 must, as soon as possible, notify the Director General of any change to the information referred to in paragraph 8.7(f), (i), (j), (k), (l), (p) or (s) that occurs within one year after the day on which the follow-up report was made.
- (2) The person must keep a copy of the report for two years after the day on which it is made.
- (3) The person must make the report available to an inspector within 15 days after the day on which the person receives a written request from the inspector.

*SOR/2016-95*

## **Air Reports**

*SOR/2016-95*

## **8.9 Dangerous Goods Accident or Incident Report — Air**

*SOR/2016-95*

- (1) Subject to subsection (3), a person who is required by subsection 18(1) of the Act to report a release or anticipated release of dangerous goods that are being offered for transport, handled or transported at an aerodrome, at an air cargo facility or by aircraft must as soon as possible after a release or anticipated release, make a report if the dangerous goods are, or could be, in excess of the quantity set out in the following table:

Table

Class	Quantity
1, 2, 3, 4, 5, 6, 8 or 9	Any quantity
7	A level of ionizing radiation greater than the level established in section 39 of the “Packaging and Transport of Nuclear Substances Regulations, 2015”

- (2) The report referred to in subsection (1) must be made to CANUTEC, at 1-888-CANUTEC (1-888-226-8832) or 613-996-6666, and, in the case of dangerous goods included in Class 7, Radioactive Materials, to the Canadian Nuclear Safety Commission.
- (3) The person is not required to make the report referred to in subsection (1) if the release or anticipated release does not result in any of the following:
  - (a) the death or injury of a person;
  - (b) damage to property or to the environment;
  - (c) signs that the integrity of a means of containment has been compromised, including signs of fire, of breakage or of fluid or radiation leakage;
  - (d) serious jeopardy to persons on an aircraft or to the aircraft itself;
  - (e) an evacuation of people or their shelter in place; or
  - (f) the closure of an aerodrome, air cargo facility or runway.

*SOR/2016-95*

## **8.10 Information to be Included in a Dangerous Goods Accident or Incident Report — Air**

*SOR/2016-95*

A report referred to in section 8.9 must include the following information:

- (a) the name and contact information of the person making the report;
- (b) in the case of a release of dangerous goods, the date, time and geographic location of the release;
- (c) in the case of an anticipated release of dangerous goods, the date, time and geographic location of the incident that led to the anticipated release;
- (d) the name of the aircraft operator, aerodrome or air cargo facility;
- (e) the shipping name or UN number of the dangerous goods;
- (f) the quantity of dangerous goods that was in the means of containment before the release or anticipated release;
- (g) in the case of a release of dangerous goods, the quantity of dangerous goods estimated to have been released;
- (h) if applicable, the type of incident leading to the release or anticipated release;
- (i) a description of the means of containment containing the dangerous goods;
- (j) if applicable, the number of deaths and the number of persons who sustained injuries; and
- (k) if applicable, an estimate of the number of people evacuated or sheltered in place.

*SOR/2016-95*

## **8.11 30-Day Follow-up Report**

*SOR/2016-95*

A person who has made a report referred to in section 8.9, or the person's employer, must make a follow-up report in writing to the Director General within 30 days after the day on which the report was made.

*SOR/2016-95*

## **8.12 Information to be Included in a 30-Day Follow-up Report**

*SOR/2016-95*

A follow-up report referred to in section 8.11 must include the following information:

- (a) the name and contact information of the person making the report;
- (b) the names and contact information of the consignor, consignee and aircraft operator;
- (c) in the case of a release of dangerous goods, the date, time and geographic location of the release;
- (d) in the case of an anticipated release of dangerous goods, the date, time and geographic location of the incident that led to the anticipated release;
- (e) the classification of the dangerous goods;
- (f) the quantity of dangerous goods that was in the means of containment before the release or anticipated release;
- (g) in the case of a release of dangerous goods, the quantity of dangerous goods estimated to have been released;
- (h) a description of the means of containment containing the dangerous goods;
- (i) if applicable, a description of any failure of or damage to the means of containment;
- (j) information about the events leading to the release or anticipated release of dangerous goods;
- (k) information as to whether there was an explosion or fire;
- (l) the name and geographic location of any aerodrome, air cargo facility or runway that was closed, and the duration of the closure;
- (m) if applicable, an estimate of the number of people evacuated or sheltered in place, and the duration of the evacuation or shelter in place;
- (n) if applicable, the number of deaths and the number of persons who sustained injuries;

- (o) if applicable, the ERAP reference number;
- (p) the date on which the report referred to in section 8.9 was made;
- (q) an estimate of any financial loss incurred as a result of the release or anticipated release, and any emergency response costs or remediation costs related to it;
- (r) a description of the route by which the dangerous goods were to be transported, including the names of any aerodromes along the route;
- (s) a description of any serious jeopardy to persons on any aircraft or to the aircraft itself; and
- (t) a description of any damage to property or to the environment.

*SOR/2016-95*

### **8.13 30-Day Follow-up Report — Notice and Retention of Report**

*SOR/2016-95*

- (1) A person who has made a follow-up report referred to in section 8.11 must, as soon as possible, notify the Director General of any change to the information referred to in paragraph 8.12(e), (h), (i), (k), (n) or (q) that occurs within one year after the day on which the follow-up report was made.
- (2) The person must keep a copy of the report for two years after the day on which it is made.
- (3) The person must make the report available to an inspector within 15 days after the day on which the person receives a written request from the inspector.

*SOR/2016-95*

### **8.14 Undeclared or Misdeclared Dangerous Goods Report**

*SOR/2016-95*

A person must make a report to CANUTEC, at 1-888-CANUTEC (1-888-226-8832) or 613-996-6666, as soon as possible after discovering, at an aerodrome or air cargo facility or on board an aircraft, dangerous goods that are not accompanied by the documentation or dangerous goods marks set out for the dangerous goods in Parts 1 to 6 and 8 of the ICAO Technical Instructions.

*SOR/2016-95*

### **8.15 Information to be Included in an Undeclared or Misdeclared Dangerous Goods Report**

*SOR/2016-95*

A report referred to in section 8.14 must include the following information:

- (a) the name and contact information of the person making the report;
- (b) the name of the aircraft operator, aerodrome or air cargo facility;
- (c) the names and contact information of the consignor and consignee;
- (d) the date of the discovery of the dangerous goods;
- (e) the shipping name or UN number of the dangerous goods;
- (f) a description of the means of containment containing the dangerous goods;
- (g) the gross mass or capacity of the means of containment and, if applicable, the total number of means of containment; and
- (h) a description of the route by which the dangerous goods were to be transported, including the names of any aerodromes along the route.

*SOR/2016-95*

#### **8.15.1 Dangerous Goods Occurrence Report (ICAO)**

*SOR/2017-137*

A person must make a dangerous goods occurrence report (ICAO) to the Director General within seven days after discovering, at

- an aerodrome or air cargo facility or on board an aircraft, dangerous goods that have been transported on board an aircraft without
- (a) being loaded, segregated or secured in accordance with Chapter 2 of Part 7 of the ICAO Technical Instructions; or
  - (b) the pilot-in-command having been informed in accordance with section 7;4.1 of the ICAO Technical Instructions.

*SOR/2017-137*

### **8.15.2 Information to be Included in a Dangerous Goods Occurrence Report (ICAO)**

*SOR/2017-137*

A dangerous goods occurrence report (ICAO) referred to in section 8.15.1 must be in writing and include the following information:

- (a) the name and contact information of the person making the report;
- (b) the name of the aircraft operator, aerodrome or air cargo facility;
- (c) the names and contact information of the consignor and consignee;
- (d) the date of the discovery of the occurrence referred to in paragraph 8.15.1(a) or (b);
- (e) the shipping name or UN number of the dangerous goods;
- (f) a description of the means of containment containing the dangerous goods;
- (g) the gross mass or capacity of the means of containment and, if applicable, the total number of means of containment;
- (h) a description of the route by which the dangerous goods were, or were to be, transported, including the names of any aerodromes along the route; and
- (i) a detailed description of the circumstances that led to the discovery of the occurrence referred to in paragraph 8.15.1(a) or (b), as the case may be.

*SOR/2017-137*

### **Security Reports**

*SOR/2016-95*

### **8.16 Loss or Theft Report**

*SOR/2016-95*

- (1) A person who is required by subsection 18(3) of the Act to report the loss or theft of dangerous goods must, as soon as possible after the loss or theft, report it by telephone to the persons listed in subsection (3) if the lost or stolen dangerous goods are in excess of the quantity set out in subsection (2).
- (2) For the purposes of subsection (1), the quantities of dangerous goods are
  - (a) any quantity, in the case of the following dangerous goods:
    - (i) UN1261, NITROMETHANE,
    - (ii) UN1357, UREA NITRATE, WETTED, with not less than 20% water, by mass,
    - (iii) UN1485, POTASSIUM CHLORATE,
    - (iv) UN1486, POTASSIUM NITRATE,
    - (v) UN1487, POTASSIUM NITRATE AND SODIUM NITRITE MIXTURE,
    - (vi) UN1489, POTASSIUM PERCHLORATE,
    - (vii) UN1495, SODIUM CHLORATE,
    - (viii) UN1498, SODIUM NITRATE,

- (ix) UN1499, SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE,
  - (x) UN1511, UREA HYDROGEN PEROXIDE,
  - (xi) UN1796, NITRATING ACID MIXTURE with more than 50% nitric acid,
  - (xii) UN1826, NITRATING ACID MIXTURE, SPENT, with more than 50% nitric acid,
  - (xiii) UN1942, AMMONIUM NITRATE with not more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance,
  - (xiv) UN2014, HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary),
  - (xv) UN2015, HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 60% hydrogen peroxide, or HYDROGEN PEROXIDE, STABILIZED,
  - (xvi) UN2031, NITRIC ACID, other than red fuming,
  - (xvii) UN2032, NITRIC ACID, RED FUMING,
  - (xviii) UN3149, HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE with acid(s), water and not more than 5% peroxyacetic acid, STABILIZED, and
  - (xix) UN3370, UREA NITRATE, WETTED, with not less than 10% water by mass;
- (b) any quantity, in the case of dangerous goods in the following primary and subsidiary classes:
- (i) explosives included in Class 1.1, 1.2 or 1.3,
  - (ii) toxic gases included in Class 2.3,
  - (iii) organic peroxides included in Class 5.2, Type B, liquid or solid, temperature controlled,
  - (iv) toxic substances included in Class 6.1 and Packing Group I,
  - (v) infectious substances included in Class 6.2, and
  - (vi) radioactive materials included in Class 7; and
- (c) a total quantity of 450 kg or more, in the case of dangerous goods in the following primary and subsidiary classes:
- (i) explosives included in Class 1.4 (except for 1.4S), 1.5 or 1.6,
  - (ii) flammable gases included in Class 2.1,
  - (iii) flammable liquids included in Class 3,
  - (iv) desensitized explosives included in Class 3 or 4.1,
  - (v) substances liable to spontaneous combustion, pyrophoric solids or liquids, included in Class 4.2 and Packing Group I or II,
  - (vi) water-reactive substances included in Class 4.3 and Packing Group I or II,
  - (vii) oxidizing substances included in Class 5.1 and Packing Group I or II, and
  - (viii) corrosives included in Class 8 and Packing Group I or II.
- (3) For the purposes of subsection (1), the persons to whom the report must be made are
- (a) CANUTEC, at 1-888-CANUTEC (1-888-226-8832) or 613-996-6666;
  - (b) in the case of dangerous goods included in Class 1, Explosives, or referred to in paragraph (2)(a) or subparagraph (2)(b)(i) or (c)(i), a Natural Resources Canada inspector, at 613-995-5555; and
  - (c) in the case of dangerous goods included in Class 7, Radioactive Materials, the Canadian Nuclear Safety Commission.
- (4) A person who made the report referred to in subsection (1) must notify the persons referred to in subsection (3) if that person finds the dangerous goods that were lost or stolen.

### **8.17 Information to be Included in a Loss or Theft Report**

*SOR/2016-95*

A loss or theft report referred to in section 8.16 must include the following information:

- (a) the name and contact information of the person making the report;
- (b) the names and contact information of the consignor, the consignee and the carrier;
- (c) information as to whether the dangerous goods were lost or stolen;
- (d) the shipping name or UN number of the lost or stolen dangerous goods;
- (e) the quantity of the lost or stolen dangerous goods;
- (f) a description of the means of containment containing the lost or stolen dangerous goods; and
- (g) the approximate date, time and geographic location of the loss or theft.

*SOR/2016-95*

### **8.18 Unlawful Interference Report**

*SOR/2016-95*

- (1) If there has been unlawful interference with dangerous goods while they were being imported, offered for transport, handled or transported, the person who had the charge, management or control of the goods must, as soon as possible after the discovery of the unlawful interference, report it by telephone to the persons listed in subsection (2).
- (2) For the purposes of subsection (1), the persons to whom the unlawful interference must be reported are
  - (a) CANUTEC, at 1-888-CANUTEC (1-888-226-8832) or 613-996-6666;
  - (b) in the case of dangerous goods included in Class 1, Explosives, or referred to in paragraph 8.16(2)(a) or subparagraph 8.16(2)(b)(i) or (c)(i), a Natural Resources Canada inspector, at 613-995-5555; and
  - (c) in the case of dangerous goods included in Class 7, Radioactive Materials, the Canadian Nuclear Safety Commission.

*SOR/2016-95*

### **8.19 Information to be Included in an Unlawful Interference Report**

*SOR/2016-95*

A report referred to in section 8.18 must include the following information:

- (a) the name and contact information of the person making the report;
- (b) the names and contact information of the consignor, the consignee and the carrier;
- (c) a detailed description of the unlawful interference;
- (d) the shipping name or UN number of the dangerous goods;
- (e) a description of the means of containment containing the dangerous goods, and the number of means of containment; and
- (f) the approximate date, time and geographic location of the unlawful interference.

*SOR/2016-95*

**PART 9**

**ROAD**

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## ROAD

### **Definitions**

*Definitions for the following terms, used in this Part, are provided in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:*

<i>aircraft</i>	<i>dangerous goods safety mark</i>	<i>means of containment</i>
<i>carrier</i>	<i>emergency response assistance plan or ERAP or ERP</i>	<i>person</i>
<i>49 CFR</i>		<i>road vehicle</i>
<i>classification</i>	<i>handling</i>	<i>ship</i>
<i>consignment</i>	<i>ICAO Technical Instructions</i>	<i>shipping document</i>
<i>consignor</i>	<i>IMDG Code</i>	<i>shipping name</i>
<i>dangerous goods</i>	<i>large means of containment</i>	<i>UN Recommendations</i>

*According to the definition of “import”, when dangerous goods being imported are being transported to a place in Canada, the person who imports the dangerous goods is the consignor. If the dangerous goods are being transported through Canada, each person who transports them in Canada (that is, each carrier) is the consignor while in possession of the dangerous goods.*

### **9.1 Transporting Dangerous Goods from the United States into or through Canada**

*Consignments of dangerous goods that originate in the United States are subject to expert inspection by U.S. inspectors. These consignments can be transported in Canada under the requirements of 49 CFR. However, consignments that originate in Canada are not permitted under these Regulations to be transported in Canada under 49 CFR only, because these consignments are not subject to expert inspection by U.S. inspectors.*

- (1) Despite the requirements in Part 2, Classification, Part 3, Documentation, and Part 4, Dangerous Goods Safety Marks, a person may handle or transport dangerous goods by road vehicle from a place in the United States to a place in Canada or from a place in the United States through Canada to a place outside Canada in accordance with the classification, marking, labelling, placarding and documentation requirements of 49 CFR, if
  - (a) the information required on the shipping document is easy to identify, legible, in indelible print, in English or French and includes
    - (i) when dangerous goods are transported to a place in Canada, the name and address of the place of business in Canada of the consignor,  
*The consignor in this case is the consignee in Canada.*
    - (ii) when dangerous goods are transported from a place in the United States through Canada to a place outside Canada, the name and the address of the place of business of each consignor, except that in this case the name and address may be shown on a separate document attached to the shipping document and is required only while that person is the consignor,  
*The consignor in this case is the carrier.*
    - (iii) the classification in Schedule 1 or in the UN Recommendations, for dangerous goods that have the letter “D” assigned to them in column 1 of the table to section 172.101 of 49 CFR, except for dangerous goods with the shipping name “Consumer commodity”, and  
*SOR/2008-34*
    - (iv) in accordance with section 3.6 of Part 3, Documentation, the emergency response assistance plan reference number and the telephone number to call to activate the plan when an emergency response assistance plan is required under Part 7, Emergency Response Assistance Plan, for the dangerous goods shown on the shipping document;  
*SOR/2008-34*
  - (b) the person complies with the following sections in Part 3, Documentation:
    - (i) section 3.2, Carrier Responsibilities,
    - (ii) section 3.7, Location of a Shipping Document: Road, and

- (iii) section 3.10, Location of a Shipping Document: Storage in the Course of Transportation, and  
*SOR/2008-34*
  - (c) on or after August 31, 2008, the labels and placards displayed for dangerous goods included in Class 2.3 or Class 6.1 are the labels and placards required in these Regulations for the dangerous goods. The labels and placards may be displayed before August 31, 2008.  
*SOR/2008-34*
- (2) Subsection (1) does not apply to dangerous goods that
- (a) are forbidden for transport by these Regulations;
  - (b) are not regulated by 49 CFR but are regulated by these Regulations; or  
*SOR/2017-137*
  - (c) *Repealed SOR/2017-137*
  - (d) are given dangerous goods safety mark or packaging exceptions in 49 CFR that are not permitted by these Regulations.  
*SOR/2008-34*
- (3) A person who handles or transports dangerous goods by road vehicle in accordance with an exemption issued under Subpart B of Part 107 of 49 CFR may do so from a place in the United States to a place in Canada or from a place in the United States through Canada to a place outside Canada if the exemption number appears on the shipping document.  
*SOR/2017-137*
- (4) If there is a conflict between the requirements of Part 2 (Classification), Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks) or Part 5 (Means of Containment) and an exemption referred to in subsection (3), the exemption prevails to the extent of the conflict.  
*SOR/2017-137*

## 9.2 Transporting Dangerous Goods to or from an Aircraft, an Aerodrome or an Air Cargo Facility

- (1) Despite the requirements in Part 2, Classification, Part 3, Documentation, and Part 4, Dangerous Goods Safety Marks, if transport has been or is to be by aircraft, a person may handle or transport dangerous goods by road vehicle to or from an aircraft, an aerodrome or an air cargo facility in accordance with the classification, marking, labelling, and documentation requirements of the ICAO Technical Instructions, if
- (a) the information required on the shipping document is easy to identify, legible, in indelible print, in English or French and includes, in accordance with section 3.6 of Part 3, Documentation, the emergency response assistance plan reference number and the telephone number to call to activate the plan when an emergency response assistance plan is required under Part 7, Emergency Response Assistance Plan, for the dangerous goods shown on the shipping document; and
  - (b) the person complies with the following provisions in Part 3, Documentation:
    - (i) section 3.2, Carrier Responsibilities,
    - (ii) paragraph 3.5(1)(f) and subsection 3.5(2), concerning a 24-hour number on a shipping document,
    - (iii) section 3.7, Location of a Shipping Document: Road, and
    - (iv) section 3.10, Location of a Shipping Document: Storage in the Course of Transportation.
- SOR/2002-306*
- (2) Subsection (1) does not apply if these Regulations forbid the transport of the dangerous goods or if the dangerous goods are not regulated by the ICAO Technical Instructions but are regulated by these Regulations.
- (3) When dangerous goods are transported to or from an aircraft, an aerodrome or an air cargo facility, by a road vehicle, the road vehicle, or any means of containment visible from outside the road vehicle, must have placards displayed on it in accordance with Part 4, Dangerous Goods Safety Marks.
- SOR/2008-34*

### **9.3 Transporting Dangerous Goods to or from a Ship, a Port Facility or a Marine Terminal**

- (1) Despite the requirements in Part 2, Classification, Part 3, Documentation, and Part 4, Dangerous Goods Safety Marks, if transport has been or is to be by ship, a person may handle or transport by road vehicle an international consignment of dangerous goods to or from a ship, a port facility or a marine terminal in accordance with the classification, marking, labelling, placarding and documentation requirements of the IMDG Code if
- (a) the information required on the shipping document is easy to identify, legible, in indelible print, in English or French and includes, in accordance with section 3.6 of Part 3, Documentation, the emergency response assistance plan reference number and the telephone number to call to activate the plan when an emergency response assistance plan is required under Part 7, Emergency Response Assistance Plan, for the dangerous goods shown on the shipping document; and
  - (b) the person complies with the following provisions in Part 3, Documentation:
    - (i) section 3.2, Carrier Responsibilities,
    - (ii) paragraph 3.5(1)(f) and subsection 3.5(2), concerning a 24-hour number on a shipping document,
    - (iii) section 3.7, Location of a Shipping Document: Road, and
    - (iv) section 3.10, Location of a Shipping Document: Storage in the Course of Transportation.

*SOR/2002-306*

- (2) Subsection (1) does not apply if these Regulations forbid the transport of the dangerous goods or if the dangerous goods are not regulated by the IMDG Code but are regulated by these Regulations.
- (3) When dangerous goods are transported in a large means of containment to or from a ship, a port facility or a marine terminal, the large means of containment must have placards displayed on it in accordance with Part 4, Dangerous Goods Safety Marks, or the IMDG Code.

*SOR/2012-245*

### **9.4 Reshipping in Canada**

- (1) When a consignment of dangerous goods is transported from a place outside Canada to a place in Canada and is reshipped within Canada by road vehicle, the dangerous goods safety marks displayed in accordance with 49 CFR, the ICAO Technical Instructions or the IMDG Code at the time of entry into Canada may continue to be displayed, except that the large means of containment containing the dangerous goods must have placards displayed on it in accordance with Part 4, Dangerous Goods Safety Marks.

*If the dangerous goods are not regulated in Canada, the placards are not required to be displayed on the large means of containment.*  
*SOR/2012-245*

- (2) The shipping document that accompanies the dangerous goods must include a notation that the dangerous goods safety marks are in accordance with 49 CFR, the ICAO Technical Instructions or the IMDG Code, if they differ from the ones required to be displayed by Part 4, Dangerous Goods Safety Marks.

### **9.5 Maximum Net Explosives Quantity in a Road Vehicle**

*SOR/2008-34*

The total net explosives quantity of all explosives that are transported together in a road vehicle must be less than or equal to the following limits:

- (a) 25 kg if any of the explosives are UN0190, SAMPLES, EXPLOSIVE;
- (b) 2 000 kg if any of the explosives are included in Class 1.1A; and
- (c) 20 000 kg.

*SOR/2008-34*

## PART 10

### RAIL

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**RAIL****Definitions**

*Definitions for the following terms, used in this Part, are provided in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:*

<i>aircraft</i>	<i>dangerous goods safety mark</i>	<i>person</i>
<i>carrier</i>	<i>emergency response assistance plan or ERAP or ERP</i>	<i>railway vehicle</i>
<i>49 CFR</i>		<i>ship</i>
<i>class</i>	<i>handling</i>	<i>shipping document</i>
<i>classification</i>	<i>ICAO Technical Instructions</i>	<i>shipping name</i>
<i>consignment</i>	<i>IMDG Code</i>	<i>trainUN Recommendations</i>
<i>consignor</i>	<i>large means of containment</i>	
<i>dangerous goods</i>	<i>means of containment</i>	

*According to the definition of “import”, when dangerous goods being imported are being transported to a place in Canada, the person who imports the dangerous goods is the consignor. If the dangerous goods are being transported through Canada, each person who transports them in Canada (that is, each carrier) is the consignor while in possession of the dangerous goods.*

### **10.1 Transporting Dangerous Goods from the United States into or through Canada**

*Consignments of dangerous goods that originate in the United States are subject to expert inspection by U.S. inspectors. These consignments can be transported in Canada under the requirements of 49 CFR. However, consignments that originate in Canada are not permitted under these Regulations to be transported in Canada under 49 CFR only, because these consignments are not subject to expert inspection by U.S. inspectors.*

- (1) Despite the requirements in Part 2, Classification, Part 3, Documentation and Part 4, Dangerous Goods Safety Marks, a person may handle or transport dangerous goods by railway vehicle from a place in the United States to a place in Canada or from a place in the United States through Canada to a place outside Canada in accordance with the classification, marking, labelling, placarding and documentation requirements of 49 CFR if
  - (a) the information required on the shipping document is easy to identify, legible, in indelible print, in English or French and includes
    - (i) when dangerous goods are transported to a place in Canada, the name and address of the place of business in Canada of the consignor,  
*The consignor in this case is the consignee in Canada.*
    - (ii) when dangerous goods are transported from a place in the United States through Canada to a place outside Canada, the name and the address of the place of business of each consignor, except that in this case the name and address may be shown on a separate document attached to the shipping document and is required only while that person is the consignor,  
*The consignor in this case is the carrier.*
    - (iii) the classification in Schedule 1 or in the UN Recommendations, for dangerous goods that have the letter “D” assigned to them in column 1 of the table to section 172.101 of 49 CFR, except for dangerous goods with the shipping name “Consumer commodity”, and  
*SOR/2008-34*
    - (iv) in accordance with section 3.6 of Part 3, Documentation, the emergency response assistance plan reference number and the telephone number to call to activate the plan when an emergency response assistance plan is required under Part 7, Emergency Response Assistance Plan, for the dangerous goods shown on the shipping document;  
*SOR/2008-34*
  - (b) the person complies with the following sections in Part 3, Documentation:
    - (i) section 3.2, Carrier Responsibilities,

- (ii) section 3.8, Location of a Shipping Document and Consist: Rail, and
  - (iii) section 3.10, Location of a Shipping Document: Storage in the Course of Transportation, and  
*SOR/2008-34*
  - (c) on or after August 31, 2008, the labels and placards displayed for dangerous goods included in Class 2.3 or 6.1 are the labels and placards required in these Regulations for the dangerous goods. The labels or placards may be displayed before August 31, 2008.  
*SOR/2008-34*
- (2) Subsection (1) does not apply to dangerous goods that
- (a) are forbidden for transport by these Regulations;
  - (b) are not regulated by 49 CFR but are regulated by these Regulations; or  
*SOR/2017-137*
  - (c) *Repealed SOR/2017-137*
  - (d) are given dangerous goods safety mark or packaging exceptions in 49 CFR that are not permitted by these Regulations.  
*SOR/2008-34*
- (3) A person who handles or transports dangerous goods by railway vehicle in accordance with an exemption issued under Subpart B of Part 107 of 49 CFR may do so from a place in the United States to a place in Canada or from a place in the United States through Canada to a place outside Canada if the exemption number appears on the shipping document.  
*SOR/2017-137*
- (4) If there is a conflict between the requirements of Part 2 (Classification), Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks) or Part 5 (Means of Containment) and an exemption referred to in subsection (3), the exemption prevails to the extent of the conflict.  
*SOR/2017-137*

## 10.2 Transporting Dangerous Goods to or from an Aircraft, an Aerodrome or an Air Cargo Facility

- (1) Despite the requirements in Part 2, Classification, Part 3, Documentation, and Part 4, Dangerous Goods Safety Marks, if transport has been or is to be by aircraft, a person may handle or transport dangerous goods by railway vehicle to or from an aircraft, an aerodrome or an air cargo facility in accordance with the classification, marking, labelling and documentation requirements of the ICAO Technical Instructions, if
  - (a) the information required on the shipping document is easy to identify, legible, in indelible print, in English or French and includes, in accordance with section 3.6 of Part 3, Documentation, the emergency response assistance plan reference number and the telephone number to call to activate the plan when an emergency response assistance plan is required under Part 7, Emergency Response Assistance Plan, for the dangerous goods shown on the shipping document; and
  - (b) the person complies with the following provisions in Part 3, Documentation:
    - (i) section 3.2, Carrier Responsibilities,
    - (ii) paragraph 3.5(1)(f) and subsection 3.5(2), concerning a 24-hour number on a shipping document,
    - (iii) section 3.8, Location of a Shipping Document and Consist: Rail, and
    - (iv) section 3.10, Location of a Shipping Document: Storage in the Course of Transportation.
- (2) Subsection (1) does not apply if these Regulations forbid the transport of the dangerous goods or if the dangerous goods are not regulated by the ICAO Technical Instructions but are regulated by these Regulations.
- (3) When dangerous goods are transported to or from an aircraft, an aerodrome or an air cargo facility, by railway vehicle, the railway vehicle, or any means of containment visible from outside the railway vehicle must have placards displayed on it in accordance with Part 4, Dangerous Goods Safety Marks.  
*SOR/2008-34*

### **10.3 Transporting Dangerous Goods to or from a Ship, a Port Facility or a Marine Terminal**

- (1) Despite the requirements in Part 2, Classification, Part 3, Documentation, and Part 4, Dangerous Goods Safety Marks, if transport has been or is to be by ship, a person may handle an international consignment of dangerous goods or transport it by railway vehicle to or from a ship, a port facility or a marine terminal in accordance with the classification, marking, labelling, placarding and documentation requirements of the IMDG Code if
- (a) the information required on the shipping document is easy to identify, legible, in indelible print, in English or French and includes, in accordance with section 3.6 of Part 3, Documentation, the emergency response assistance plan reference number and the telephone number to call to activate the plan when an emergency response assistance plan is required under Part 7, Emergency Response Assistance Plan, for the dangerous goods shown on the shipping document; and
  - (b) the person complies with the following provisions in Part 3, Documentation:
    - (i) section 3.2, Carrier Responsibilities,
    - (ii) paragraph 3.5(1)(f) and subsection 3.5(2), concerning a 24-hour number on a shipping document,
    - (iii) section 3.8, Location of a Shipping Document and Consist: Rail, and
    - (iv) section 3.10, Location of a Shipping Document: Storage in the Course of Transportation.

*SOR/2002-306*

- (2) Subsection (1) does not apply if these Regulations forbid the transport of the dangerous goods or if the dangerous goods are not regulated by the IMDG Code but are regulated by these Regulations.
- (3) When dangerous goods are transported in a large means of containment to or from a ship, a port facility or a marine terminal, the large means of containment must have placards displayed on it in accordance with Part 4, Dangerous Goods Safety Marks, or the IMDG Code.

*SOR/2012-245*

### **10.4 Reshipping in Canada**

- (1) When a consignment of dangerous goods is transported from a place outside Canada to a place in Canada and is reshipped within Canada by railway vehicle, the dangerous goods safety marks displayed in accordance with 49 CFR, the ICAO Technical Instructions or the IMDG Code at the time of entry into Canada may continue to be displayed, except that the large means of containment containing the dangerous goods must have placards displayed on it in accordance with Part 4, Dangerous Goods Safety Marks.

*If the dangerous goods are not regulated in Canada, the placards are not required to be displayed on the large means of containment.*

*SOR/2012-245*

- (2) The shipping document that accompanies the dangerous goods must include a notation that the dangerous goods safety marks are in accordance with 49 CFR, the ICAO Technical Instructions or the IMDG Code, if they differ from the ones required to be displayed by Part 4, Dangerous Goods Safety Marks.

### **10.5 Repealed *SOR/2008-34***

### **10.6 Location of Placarded Railway Vehicle in a Train**

*SOR/2008-34*

- (1) Unless it is likely to have a serious impact on train dynamics, a person must not, in a train, locate a railway vehicle that contains dangerous goods described in column 1 of the table to this subsection for which a placard is required to be displayed in accordance with Part 4, Dangerous Goods Safety Marks, next to a railway vehicle described in the same row in column 2.

*SOR/2008-34*

**Table  
SOR/2008-34**

Item	Column 1 Dangerous Goods	Column 2 Railway vehicle
1.	Any class of dangerous goods	<ul style="list-style-type: none"> <li>(a) an operating engine or an engine tender unless all the railway vehicles in the train, other than engines, tenders and cabooses, have placards displayed on them;</li> <li>(b) an occupied railway vehicle unless all the other railway vehicles in the train, other than engines, tenders and cabooses, are occupied or have placards displayed on them;</li> <li>(c) a railway vehicle that has a continual source of ignition; or</li> </ul>
		<ul style="list-style-type: none"> <li>(d) any open railway vehicle, <ul style="list-style-type: none"> <li>(i) when the lading protrudes beyond the railway vehicle and may shift during transport, or</li> <li>(ii) when the lading is higher than the top of the railway vehicle and may shift during transport.</li> </ul> </li> </ul>
2.	Dangerous goods included in Class 1.1 or Class 1.2	Any railway vehicle that is required to have a placard displayed on it for Class 2, 3, 4 or 5.
3.	UN1008, BORON TRIFLUORIDE COMPRESSED UN1026, CYANOGEN UN1051, HYDROGEN CYANIDE, STABILIZED UN1067, DINITROGEN TETROXIDE or NITROGEN DIOXIDE UN1076, PHOSGENE UN1589, CYANOGEN CHLORIDE, STABILIZED UN1614, HYDROGEN CYANIDE, STABILIZED UN1660, NITRIC OXIDE, COMPRESSED UN1911, DIBORANE, COMPRESSED UN1975, NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURE or NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURE UN2188, ARSINE UN2199, PHOSPHINE UN2204, CARBONYL SULPHIDE or CARBONYL SULFIDE UN3294, HYDROGEN CYANIDE, SOLUTION IN ALCOHOL	Any railway vehicle that is required to have a placard displayed on it for Class 1, 2, 3, 4 or 5 unless the railway vehicle next to it contains the same dangerous goods

- (2) Dangerous goods that are being transported in railway vehicles in a train from the United States to Canada or from the United States through Canada to a place outside Canada may be located in the train in accordance with sections 174.84 and 174.85 of 49 CFR.

*SOR/2008-34*

## 10.7 Coupling of Railway Vehicles

- (1) A person must not couple a railway vehicle with another railway vehicle at a relative coupling speed greater than 9.6 km/h (6 mph) if either of the railway vehicles that make contact on coupling contains dangerous goods for which a placard is required to be displayed in accordance with Part 4, Dangerous Goods Safety Marks.
- (2) Despite subsection (1), a person may couple a single railway vehicle moving under its own momentum at a relative coupling speed less than or equal to 12 km/h (7.5 mph) when the ambient temperature is above -25°C.
- (3) If a person couples a tank car that contains dangerous goods for which a placard is required to be displayed in accordance with Part 4, Dangerous Goods Safety Marks, with another railway vehicle and the three conditions in any one of the four rows set out in the table to this subsection apply, the person must

- (a) visually inspect the underframe assembly and coupling and cushioning components of the tank car to ensure their integrity before the tank car is moved more than 2 km from the place where the coupling occurred; and
- (b) report, in writing, to the owner of the tank car within 10 days after the coupling and include a copy of the text of this section and information about any damage that compromises the integrity of the underframe assembly or draft gear of the tank car discovered as a result of the inspection.

*SOR/2008-34*

**Table**  
*SOR/2008-34*

Item	Column 1 Combined Coupling Mass: Tank Car and Other Railway Vehicle, and their Contents, in Kilograms	Column 2 Ambient Temperature: in Degrees Celsius	Column 3 Relative Coupling Speed: in Kilometres per hour
1.	> 150 000	≤ -25	> 9.6
2.	> 150 000	> -25	> 12
3.	≤ 150 000	≤ -25	> 12.9
4.	≤ 150 000	> -25	> 15.3

- (4) The owner of a tank car who receives the report must not use the tank car or permit the tank car to be used to transport dangerous goods, other than the dangerous goods that were contained in the tank car at the time of the coupling, until the tank car undergoes
  - (a) a visual inspection and a structural integrity inspection in accordance with clause 9.5.6(a) and clause 9.5.7 of TP14877; and  
*SOR/2014-152*
  - (b) for a tank car equipped with a stub sill, a stub sill inspection covering at least the following areas:
    - (i) the termination of the stub sill reinforcement pad closest to the mid-point of the tank car and associated welds for a 30-cm length from that point back towards the other end of the pad,
    - (ii) all welds
      - (A) connecting the head brace to the stub sill,
      - (B) between the head brace and the head reinforcement pad, and
      - (C) between the tank and the head reinforcement pad and, if the head reinforcement pad is connected to the stub sill reinforcement pad, 2.5 cm past that connection towards the centre of the tank,
    - (iii) all metal of the stub sill assembly, other than welds, from the body bolster to the coupler, and
    - (iv) the draft gear pocket.

*SOR/2008-34*

- (5) This section does not apply if either the tank car or the other railway vehicle that was coupled is equipped with a cushioning device designed for a displacement of 15 cm or more in compression and capable of limiting the maximum coupler force to 453 600 kg when impacted at 16.1 km/h (10 mph) by a railway vehicle having a gross mass of 99 792 kg.

*SOR/2008-34*

**PART 11**

**MARINE**

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## **Background**

*Certain requirements in this Part must be complied with before dangerous goods are presented for transport by ship. The stowage and segregation requirements for a means of containment or a means of transport on board a ship are contained in the “Dangerous Goods Shipping Regulations”, which must be consulted.*

*As a consequence of the exclusion of “bulk” transport by ship in section 3 of the Act, these Regulations do not apply to dangerous goods confined only by the permanent structure of a ship.*

*There are some terms used in this Part that are not defined in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases, but that were defined in the “Canada Shipping Act” and regulations made under that Act. The terms as they read immediately before that Act was repealed on July 1, 2007 were:*

*SOR/2008-34*

*harbour*

*home-trade voyage, Class I*

*inland voyage*

*master*

## MARINE

### **Definitions**

*Definitions for the following terms, used in this Part, are provided in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:*

<i>accidental release</i>	<i>handling</i>	<i>person</i>
<i>carrier</i>	<i>IMDG Code</i>	<i>public safety</i>
<i>class</i>	<i>imminent accidental release</i>	<i>ship</i>
<i>consignor</i>	<i>in transport</i>	<i>shipping document</i>
<i>dangerous goods</i>	<i>means of containment</i>	
<i>dangerous goods safety mark</i>	<i>offer for transport</i>	

### **11.1 International Transport and Home-Trade Voyage, Class I, Transport**

- (1) A person who handles, offers for transport or transports dangerous goods by ship must comply with the IMDG Code when the dangerous goods are in transport between
- (a) Canada and another country, if the voyage is not an inland voyage;
  - (b) two points in Canada on a home-trade voyage, Class I; or
  - (c) two points outside Canada on board a ship registered in Canada.
- (2) In addition to the requirements in subsection (1), a person who handles, offers for transport or transports dangerous goods by ship must do so in accordance with the following provisions of these Regulations:  
*SOR/2008-34*
- (a) the following provisions in Part 3, Documentation:
    - (i) section 3.2, Carrier Responsibilities,
    - (ii) subsection 3.4(1), Legibility and Language,
    - (iii) paragraph 3.5(1)(f) and subsection 3.5(2), concerning a 24-hour number on a shipping document,
    - (iv) section 3.9, Location of a Shipping Document: Marine, and
    - (v) section 3.10, Location of a Shipping Document: Storage in the Course of Transportation;
  - (b) the following provisions in Part 4, Dangerous Goods Safety Marks:
    - (i) section 4.2, Misleading Dangerous Goods Safety Marks,
    - (ii) section 4.4, Consignor Responsibilities,
    - (iii) subsection 4.5(1), Carrier Responsibilities, and
    - (iv) section 4.6, Visibility, Legibility and Colour;
  - (c) the following provisions in Part 5, Means of Containment:
    - (i) section 5.2, Requirements for a Standardized Means of Containment to Be in Standard,
    - (ii) section 5.3, Certification Safety Marks on a Means of Containment,
    - (iii) section 5.6, UN Standardized Means of Containment, and
    - (iv) section 5.10, Means of Containment for Class 2, Gases, and section 5.11, UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES; and  
*SOR/2014-152*
  - (d) Part 8 (Reporting Requirements).  
*SOR/2016-95*

*SOR/2002-306*

- (3) The means of containment used to transport the dangerous goods must be designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety.

*SOR/2008-34*

## **11.2 Domestic Transport**

A person who handles, offers for transport or transports dangerous goods by ship between two points in Canada, other than on a home-trade voyage, Class I, must comply with these Regulations.

## **11.3 Transporting Dangerous Goods from One Country through Canada to Another Country**

A person who transports dangerous goods by ship from one country through Canada to another country must comply with the IMDG Code and Part 8 (Reporting Requirements), of these Regulations.

*SOR/2016-95*

## **11.4 Notification of the Loading or Unloading of Explosives or Ammonium Nitrate**

At least 24 hours before 25 tonnes or more of explosives, other than explosives included in Class 1.4S, or 150 tonnes or more of ammonium nitrate, are to be loaded on or unloaded from a ship, the consignor of the dangerous goods or the consignor's agent must notify the following of the intended loading or unloading and the place where the loading or unloading will take place:

- (a) the Marine Safety Office of Transport Canada nearest to the place where the explosives or the ammonium nitrate is to be loaded or unloaded; and
- (b) the harbour master at the port where the explosives or the ammonium nitrate is to be loaded or unloaded or, if there is no harbour master, the person responsible for the port.

*This section applies to UN0222, UN0223, UN1942, UN2067, UN2068, UN2069, UN2070 and UN2426.*

## PART 12

### AIR

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### ***Background***

*There are many air carriers who delegate to third parties some of the duties that are assigned to them in the ICAO Technical Instructions and in this Part.*

*There is nothing in these Regulations that hinders this practice but it should be noted by air carriers that delegating responsibility for certain duties does not include delegating liability for those duties. This means that if an air carrier contracts a third party to provide, for example, cargo handling, acceptance or loading activities, the approval programme for training mandated by the ICAO Technical Instructions and carried out by the Civil Aviation Directorate, Transport Canada, applies to those third party activities.*

*The ICAO Technical Instructions refers to the air carrier as the operator.*

**AIR****Definitions**  
*SOR/2008-34*

Definitions for the following terms, used in this Part, are provided in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:

<i>accidental release</i>	<i>gas</i>	<i>person</i>
<i>aircraft</i>	<i>gross mass</i>	<i>prescribed</i>
<i>biological product</i>	<i>handling</i>	<i>primary class</i>
<i>cargo aircraft</i>	<i>ICAO Technical Instructions</i>	<i>protective direction</i>
<i>carrier</i>	<i>IMDG Code</i>	<i>public safety</i>
<i>Category A</i>	<i>imminent accidental release</i>	<i>safety mark</i>
<i>Category B</i>	<i>infectious substance</i>	<i>safety requirements</i>
<i>certification safety mark</i>	<i>inspector</i>	<i>shipping document</i>
<i>49 CFR</i>	<i>in standard</i>	<i>shipping name</i>
<i>class</i>	<i>in transport</i>	<i>small means of containment</i>
<i>classification</i>	<i>large means of containment</i>	<i>solid</i>
<i>compatibility group</i>	<i>liquid</i>	<i>special provision</i>
<i>consignment</i>	<i>means of containment</i>	<i>standardized means of containment</i>
<i>consignor</i>	<i>means of transport</i>	<i>substance</i>
<i>cylinder</i>	<i>net explosives quantity</i>	<i>Supplement to the ICAO Technical Instructions</i>
<i>dangerous goods</i>	<i>offer for transport</i>	<i>technical name</i>
<i>dangerous goods safety mark</i>	<i>packing group</i>	<i>UN number</i>
<i>emergency response assistance plan or ERAP or ERP</i>	<i>passenger</i>	<i>UN standardized means of containment</i>
<i>flash point</i>	<i>passenger carrying aircraft</i>	<i>vapour</i>
	<i>permit for equivalent level of safety</i>	

**International and Domestic Transport by Aircraft****12.1 General Requirements**

- (1) A person who handles, offers for transport or transports dangerous goods by aircraft between Canada and another country must do so in accordance with the ICAO Technical Instructions and the following provisions of these Regulations:
- (a) in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases,
    - (i) section 1.7, Safety Requirements, Documents, Safety Marks,
    - (ii) paragraphs 1.8(a) and (b), Prohibition: Explosives,
    - (iii) **Repealed SOR/2017-137**
    - (iv) section 1.12, Evidence: Safety Marks, Prescribed Documents,
    - (v) section 1.13, Defence: Due Diligence,
    - (vi) **Repealed SOR/2002-306**

- (vii) section 1.20, National Defence, and
  - (viii) section 1.43, Class 7, Radioactive Materials;
- (b) in Part 2, Classification,
- (i) section 2.2, Responsibility for Classification,
  - (ii) section 2.36, Infectious Substances,
- SOR/2008-34*
- (iii) section 2.37, General, Class 7, Radioactive Materials, and
  - (iv) subparagraphs 2.43(b)(iv) and (v), concerning classifying in Class 9 dangerous goods that are environmentally hazardous substances;
- (c) in Part 3, Documentation,
- (i) section 3.1, Consignor Responsibilities,
  - (ii) subsections 3.2(1), (2), (3), (5) and (6), Carrier Responsibilities,
  - (iii) subsection 3.4(1), Legibility and Language,
  - (iv) paragraph 3.5(1)(f) and subsection 3.5(2), concerning a 24-hour number on a shipping document,
  - (v) subsections 3.6(1) and (2), which require the emergency response assistance plan reference number and telephone number on a shipping document, and
  - (vi) section 3.11, Keeping Shipping Document Information;
- (d) in Part 4, Dangerous Goods Safety Marks,
- (i) section 4.2, Misleading Dangerous Goods Safety Marks,
  - (ii) section 4.4, Consignor Responsibilities,
  - (iii) subsection 4.5(1), Carrier Responsibilities,
  - (iv) subsection 4.7(1), Labels and Placards: Size and Orientation, and
  - (v) section 4.9, Removal of Dangerous Goods Safety Marks;
- (e) in Part 5, Means of Containment,
- (i) section 5.2, Requirements for a Standardized Means of Containment to Be in Standard,
  - (ii) section 5.3, Certification Safety Marks on a Means of Containment,
  - (iii) section 5.6, UN Standardized Means of Containment, and
  - (iv) section 5.10, Means of Containment for Class 2, Gases;
- (f) Part 6, Training;
- (g) Part 7, Emergency Response Assistance Plan;
- (h) Part 8 (Reporting Requirements);
- SOR/2016-95*
- (i) Part 13, Protective Direction; and
  - (j) Part 14, Permit for Equivalent Level of Safety.
- (2) A person who handles, offers for transport or transports dangerous goods by aircraft within Canada must do so in accordance with the ICAO Technical Instructions and the provisions of these Regulations referred to in subsection (1).
- (3) Despite subsection (2), a person may handle, offer for transport or transport dangerous goods by aircraft within Canada in accordance with the requirements of sections 12.4 to 12.17.

## 12.2 Shipping Document

The shipping document for dangerous goods transported by aircraft must

- (a) be completed in accordance with Chapter 4, Documentation, of Part 5, Shipper's Responsibilities, of the ICAO Technical Instructions; and  
*SOR/2008-34*
- (b) show the information required for the dangerous goods by the ICAO Technical Instructions on a document that has, on the left and right margins, red hatchings that are oriented to the right or to the left.  
*SOR/2008-34*

## 12.3 Information to Pilot-in-command

Despite subsection 12.1(1), the following text replaces subsection 4.1.5 in section 4.1, Information to the pilot-in-command, of Chapter 4, Provision of information, of Part 7, Operator's Responsibilities, of the ICAO Technical Instructions:

“4.1.5 The information provided to the pilot-in-command must be presented on a dedicated form and not by means of air waybills, dangerous goods transport documents, invoices, etc.”

*SOR/2014-152*

### Domestic Transport by Aircraft

## 12.4 Explosives, Class 1.4S

- (1) A person may handle, offer for transport or transport by aircraft within Canada explosives included in Class 1.4S if  
*SOR/2008-34*
  - (a) the person complies with the ICAO Technical Instructions, other than Part 4, Packing Instructions, and sections 1.1 to 1.3 of Chapter 1, General, sections 2.1 to 2.4.1 and 2.4.3 to 2.5 of Chapter 2, Package markings, Chapter 3, Labelling, and Chapter 4, Documentation, of Part 5, Shipper's Responsibilities;  
*SOR/2002-306*
  - (b) when the consignor is not the air carrier, the consignor notifies the air carrier of the presence of the explosives before offering them for transport;
  - (c) the explosives are one or more of the explosives set out in the following table:

Table

UN Number	Shipping Name
UN0012	CARTRIDGES FOR WEAPONS, INERT PROJECTILE, or CARTRIDGES, SMALL ARMS
UN0014	CARTRIDGES FOR WEAPONS, BLANK, or CARTRIDGES, SMALL ARMS, BLANK
UN0055	CASES, CARTRIDGE, EMPTY, WITH PRIMER
UN0323	CARTRIDGES, POWER DEVICE
UN0405	CARTRIDGES, SIGNAL

- (d) the calibre of cartridges with the UN number UN0012 or UN0014 is
  - (i) less than 50 calibres, in the case of cartridges for rifles or pistols, or
  - (ii) greater than or equal to 8 gauge, in the case of cartridges for shotguns;
- (e) the gross mass of each means of containment is less than or equal to 25 kg;

- (f) the explosives are placed in an inner means of containment that is a box, in metal or plastic clips or in partitions that fit snugly in an outer means of containment that is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety;  
*SOR/2008-34*
  - (g) the primers are protected from accidental initiation; and
  - (h) each of the outer means of containment is marked with the gross mass in kilograms and the words “Explosives — Excepted” or “Explosifs — Exceptés”, in letters at least 25 mm high and in a colour that contrasts with the background colour of the means of containment.
- (2) Despite paragraph 1.1.2(n) of Chapter 1, Provisions for dangerous good carried by passengers or crew, of Part 8, Provisions Concerning Passengers and Crew, of the ICAO Technical Instructions, ammunition, or ammunition loaded in a firearm, with the UN number and shipping name UN0012, CARTRIDGES FOR WEAPONS, INERT PROJECTILE, or CARTRIDGES, SMALL ARMS, or UN0014, CARTRIDGES FOR WEAPONS, BLANK, or CARTRIDGES, SMALL ARMS, BLANK, may be transported on board an aircraft by a peace officer as defined in section 3 of the “Canadian Aviation Security Regulations, 2012” or by an in-flight security officer.  
*SOR/2014-152*

## 12.5 Forbidden Explosives

- (1) A person may handle, offer for transport or transport by aircraft within Canada explosives that are forbidden for transport in any of columns 10 to 13 of Table 3-1, Dangerous Goods List, in Chapter 2, Arrangement of the dangerous goods list (Table 3-1), of Part 3, Dangerous Goods List, Special Provisions and Limited and Excepted Quantities, of the ICAO Technical Instructions if  
*SOR/2014-152*
  - (a) the person complies with
    - (i) paragraphs 12.1(1)(a) to (j),
    - (ii) the quantity limits and the packing instructions set out in columns 10 to 13 of Table S-3-1, Supplementary Dangerous Goods List, in Chapter 2, Dangerous goods list, of Part S-3, Dangerous Goods List and Limited Quantities Exceptions, of the Supplement to the ICAO Technical Instructions, and  
*SOR/2014-152*
    - (iii) the requirements of the ICAO Technical Instructions;
  - (b) the explosives are
    - (i) UN0030, DETONATORS, ELECTRIC for blasting,
    - (ii) UN0042, BOOSTERS without detonator,
    - (iii) UN0059, CHARGES, SHAPED without detonator,
    - (iv) UN0065, CORD, DETONATING, flexible,
    - (v) UN0081, EXPLOSIVE, BLASTING, TYPE A,
    - (vi) UN0082, EXPLOSIVE, BLASTING, TYPE B,
    - (vii) UN0083, EXPLOSIVE, BLASTING, TYPE C,
    - (viii) UN0084, EXPLOSIVE, BLASTING, TYPE D,
    - (ix) UN0241, EXPLOSIVE, BLASTING, TYPE E,
    - (x) UN0331, EXPLOSIVE, BLASTING, TYPE B,
    - (xi) UN0332, EXPLOSIVE, BLASTING TYPE E, or
    - (xii) UN0360, DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting;
  - (c) the explosives
    - (i) are not included in compatibility group A,
    - (ii) have not deteriorated or been damaged,
    - (iii) do not have an active means of initiation and are not primed for use, and

- (iv) are in a means of containment that is required for them by the packing instructions set out in Chapter 3, Class 1 — Explosives, of Part S-4, Packing Instructions, of the Supplement to the ICAO Technical Instructions; and  
*SOR/2014-152*
  - (d) there are no other dangerous goods transported on board the aircraft at the same time as the explosives.
- (2) The consignor of the explosives must
- (a) notify the air carrier, in writing, of the shipping name, UN number, primary class and compatibility group of the explosives at least 48 hours before the explosives are loaded on the aircraft;
  - (b) keep a copy of the notification to the air carrier for two years after the date the notification is sent to the air carrier; and
  - (c) notify the consignee at least 24 hours before the explosives are transported of the expected time of transport unless the consignor and the air carrier agree that the air carrier will notify the consignee of the expected time of transport when the air carrier gives the consignor written agreement to transport the explosives.
- (3) The air carrier must, at least 24 hours before transporting the explosives,
- (a) give the consignor written agreement to transport the explosives and keep a copy of this agreement for two years after the date the notification referred to in paragraph (2)(a) is sent to the consignor; and
  - (b) notify each aerodrome operator listed on the flight plan of the intended time of departure, arrival and technical stops, if any.
- (4) The notification referred to in paragraph (2)(a) and the agreement referred to in paragraph (3)(a) are valid for any subsequent transport of the explosives for two years beginning on the date that the notification and the agreement were made unless any of the information required in them changes.  
*SOR/2002-306*

## **12.6 Handling and Transporting of Toxic and Infectious Substances**

A person may handle or transport by aircraft in Canada toxic or infectious substances, other than toxic substances included in Class 6.1 and packing group I if  
*SOR/2008-34*

- (a) the person complies with
  - (i) paragraphs 12.1(1)(a) to (j), and
  - (ii) the ICAO Technical Instructions, other than section 2.8, Stowage of toxic and infectious substances, of Chapter 2, Storage and loading, of Part 7, Operator's Responsibilities; and  
*SOR/2002-306*
- (b) the dangerous goods are
  - (i) transported by cargo aircraft or passenger carrying aircraft referred to in Subpart 4 of Part VI and Subparts 1 to 4 of Part VII of the "Canadian Aviation Regulations";
  - (ii) placed in a non-permeable or sift-proof overpack that has displayed on it the markings required for an overpack by the ICAO Technical Instructions, and
  - (iii) located in an area of the aircraft that is not readily accessible to passengers.

## **12.7 Repealed *SOR/2008-34***

## **12.8 Packing Instruction Y963 *SOR/2014-152***

- (1) A person may handle, offer for transport or transport by aircraft within Canada dangerous goods that are aerosols included in Class 2.1 or 2.2, are UN3175, SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., or are included in Class 3 and Packing Group II or III or in Class 6.1 and Packing Group III, if
- (a) the person complies with
    - (i) paragraphs 12.1(1)(a) to (j), and

- (ii) the ICAO Technical Instructions, other than Chapter 2, Package markings, Chapter 3, Labelling, and Chapter 4, Documentation, of Part 5, Shipper's Responsibilities, and paragraphs (j) and (l) of Packing Instruction Y963 of Chapter 11, Class 9 — Miscellaneous dangerous goods, of Part 4, Packing Instructions;  
*SOR/2014-152*
  - (b) when the dangerous goods are liquid,
    - (i) the quantity for Class 3, Packing Group II, is less than or equal to
      - (A) 1 L in a metal inner means of containment, except for UN1263, PAINT or PAINT RELATED MATERIAL, in which case the quantity may be less than or equal to 5 L, or
      - (B) 500 mL in a glass, earthenware or plastic inner means of containment, and
    - (ii) the quantity for Class 3, Packing Group III, and for Class 6.1, Packing Group III, is less than or equal to
      - (A) 5 L in a metal inner means of containment, or
      - (B) 500 mL in a glass, earthenware or plastic inner means of containment; and
  - (c) when the dangerous goods are solid, the quantity is less than or equal to 5 kg in an inner means of containment.
- (2) The person who offers for transport the dangerous goods must, on each small means of containment that contains the dangerous goods,  
*SOR/2003-273*
- (a) mark the words "Air Transport, 12.8, Consumer commodity" or "Transport aérien, 12.8, produit de consommation" in letters at least 25 mm high and in a colour that contrasts with the background colour of the means of containment; and  
*SOR/2003-273*
  - (b) for liquids, except flammable liquids in a quantity less than or equal to 120 mL, display on two opposite sides of the means of containment a package orientation label illustrated in Figure 5-26 of Chapter 3, Labelling, of Part 5, Shipper's Responsibilities, of the ICAO Technical Instructions.  
*SOR/2014-152*
- (3) Despite subsection (2), the dangerous goods safety marks that are required by that subsection to be marked or displayed on a small means of containment are not required to be marked or displayed on a small means of containment that is inside another small means of containment if the other small means of containment is not opened during loading or unloading or while the dangerous goods are in transport.  
*SOR/2003-273*

## 12.9 Limited Access

### General

- (1) An air carrier may handle, offer for transport or transport by aircraft within Canada the dangerous goods referred to in subsections (2) to (12) if
- (a) the air carrier complies with subsections (2) to (14);
  - (b) the air carrier complies with the following requirements in the ICAO Technical Instructions:
    - (i) wherever practicable, section 5.1, Information to passengers, of Chapter 5, Provisions concerning passengers and crew, of Part 7, Operator's Responsibilities,  
*SOR/2002-306*
    - (ii) section 2.4, Loading and securing of dangerous goods, and section 2.5, Damaged packages of dangerous goods, of Chapter 2, Storage and loading, of Part 7, Operator's Responsibilities,  
*SOR/2002-306*
    - (iii) section 3.1, Inspection for damage or leakage, of Chapter 3, Inspection and decontamination, of Part 7, Operator's Responsibilities,  
*SOR/2002-306*
    - (iv) when the person loading or supervising the loading of the dangerous goods on board the aircraft is not a crew member,
      - (A) section 4.1, Information to the pilot-in-command, except for packing group, number of packages and identification of the aerodrome, of Chapter 4, Provision of information, of Part 7, Operator's Responsibilities, and  
*SOR/2002-306*

- (B) in the case of dangerous goods transported by helicopter, the information required in clause (A) is provided to a person identified in the air carrier's Operations Manual rather than the pilot-in-command,
- (v) section 4.2, Information to be provided to employees, of Chapter 4, Provision of information, of Part 7, Operator's Responsibilities,  
*SOR/2014-152*
- (vi) wherever practicable, section 4.7, Cargo acceptance areas — provision of information, of Chapter 4, Provision of information, of Part 7, Operator's Responsibilities, and  
*SOR/2002-306*
- (vii) Table 7-1, "Segregation between packages", of Chapter 1, Acceptance procedures, of Part 7, Operator's Responsibilities;  
*SOR/2014-152*
- (c) the dangerous goods are
- (i) transported by cargo aircraft or passenger carrying aircraft referred to in Subpart 4 of Part VI and Subparts 1 to 4 of Part VII of the "Canadian Aviation Regulations",
- (ii) transported to or from a location where access is limited and there is no other practical or readily available means of transport to transport the dangerous goods, and
- (iii) contained in a means of containment that has displayed on it the package markings and labels required by Chapter 2, Package markings, except for section 2.4.2, and required by Chapter 3, Labelling, except for section 3.2.12, of Part 5, Shipper's Responsibilities, of the ICAO Technical Instructions;  
*SOR/2014-152*
- (d) when the dangerous goods are Class 2.1, Flammable Gases, or Class 3, Flammable Liquids, smoking is prohibited on board the aircraft and the aircraft and each area or compartment of the aircraft containing the dangerous goods is ventilated to prevent the accumulation of vapours;
- (e) when the dangerous goods are transported on a passenger carrying aircraft, where practicable, they are secured in an area of the aircraft so that they are not readily accessible to the passengers;
- (f) the person who handles, offers for transport or transports the dangerous goods is trained in accordance with Part 6, Training, of these Regulations and Chapter 4, Training, of Part 1, General, of the ICAO Technical Instructions; and  
*SOR/2002-306*
- (g) the person who has possession of the dangerous goods complies with Part 8 (Reporting Requirements); of these Regulations.  
*SOR/2016-95*

#### Class 3, Flammable Liquids

- (2) The requirements in subsections (3) to (6) apply to dangerous goods that are included in Class 3, Flammable Liquids, and that are
- (a) UN1202, GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT;
- (b) UN1203, GASOLINE or MOTOR SPIRIT or PETROL;
- (c) UN1219, ISOPROPANOL or ISOPROPYL ALCOHOL;
- (d) UN1223, KEROSENE;
- (e) UN1268, PETROLEUM DISTILLATES, N.O.S., or PETROLEUM PRODUCTS, N.O.S., Packing Groups II and III only; or
- (f) UN1863, FUEL, AVIATION, TURBINE ENGINE, Packing Groups II and III only.
- (3) When the Class 3, Flammable Liquids, referred to in subsection (2) are
- (a) contained in a small means of containment that is a drum, the drum must be securely closed and marked with one of the following manufacturer's permanent markings when the drum has a capacity greater than 25 L and less than or equal to 230 L: TC, CTC, DOT, ICC 5A, 5B, 5C, 17C, 17E, TC-34, CTC-34, DOT-34, UN 1A1, UN 1B1, UN 1H1 or UN 6HA; or  
*SOR/2008-34*
- (b) contained in a small means of containment that is not a drum, the small means of containment must be securely closed and

- (i) marked with one of the following manufacturer's permanent markings when the small means of containment has a capacity less than or equal to 25 L: UN 3A1, UN 3H1, UL or ULC,  
*SOR/2008-34*
  - (ii) marked in accordance with ASTM F 852, or
  - (iii) an unmarked steel marine fuel tank of a type that is used to supply fuel for an outboard motor.
- (4) The following means of containment may be reused to transport the Class 3, Flammable Liquids, referred to in subsection (2):
- (a) a steel drum or jerrican, if
    - (i) neither the body nor the top or bottom of the drum or jerrican is damaged by wear, scoring, dents or corrosion to the extent that the integrity of the drum or the jerrican is compromised,
    - (ii) any worn or leaking bung caps or seals are replaced,
    - (iii) the top and bottom of the drum are not bulging, and
    - (iv) sufficient ullage is left to ensure that no leakage or permanent distortion will occur as a result of expansion of the liquid caused by any temperature that may be experienced during transport;
  - (b) a plastic drum or jerrican, if
    - (i) the body of the drum or jerrican is not faded, discoloured, gouged, cracked or distorted to the extent that the integrity of the drum or jerrican is compromised,
    - (ii) the closure flange and bung of the drum show no evidence of cross-threading or thread wear,
    - (iii) any worn gaskets are replaced, and
    - (iv) when the capacity of the jerrican exceeds 25 L, it is used only for flammable liquids that are included in Packing Group III and that have a flash point greater than 37.8°C; and
  - (c) a steel marine fuel tank, if
    - (i) neither the body nor the bottom chimes of the tank is damaged by wear, scoring, dents or corrosion to the extent that the integrity of the tank is compromised,
    - (ii) any worn or leaking caps, attachments or seals are replaced, and
    - (iii) sufficient ullage is left to ensure that no leakage or permanent distortion will occur as a result of expansion of the liquid caused by any temperature that may be experienced during transport.
- (5) When the Class 3, Flammable Liquids, referred to in subsection (2) are contained in a large means of containment, that large means of containment must be
- (a) a tank, a container or an apparatus that is an integral part of the aircraft or that is attached to the aircraft in accordance with the Certificate of Airworthiness issued under the "Canadian Aviation Regulations";
  - (b) a cylindrical collapsible rubber drum that is transported in or suspended from an aircraft and that is constructed, tested, inspected and used in accordance with MIL-D-23119G; or
  - (c) a collapsible fabric tank that is transported suspended from a helicopter and that is constructed of material and seamed in accordance with MIL-T-52983G.
- (6) When the Class 3, Flammable Liquids, referred to in subsection (2) are transported
- (a) on board a passenger carrying aircraft, the total capacity of all the means of containment must be less than or equal to 230 L; and
  - (b) on board a cargo aircraft, the total capacity of each of the means of containment must be less than or equal to 230 L except for those means of containment referred to in subsection (5).

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Internal Combustion Engines and Vehicles

- (7) Dangerous goods that are UN3166, ENGINE, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED, or ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED, or VEHICLE, FLAMMABLE GAS POWERED, or VEHICLE, FLAMMABLE LIQUID POWERED, or VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED, or VEHICLE,

FUEL CELL, FLAMMABLE LIQUID POWERED, or ENGINE, FUEL CELL, FLAMMABLE GAS POWERED, or ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED, must be handled, offered for transport or transported in accordance with the following requirements in the ICAO Technical Instructions:

- (a) Special Provision A87 of Chapter 3, Special provisions, of Part 3, Dangerous Goods List, Special Provisions and Limited and Excepted Quantities;
- (b) Packing Instruction 950 of Chapter 11, Class 9 — Miscellaneous dangerous goods, of Part 4, Packing Instructions, in the case of
  - (i) UN3166, ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED,
  - (ii) UN3166, VEHICLE, FLAMMABLE LIQUID POWERED,
  - (iii) UN3166, VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED, or
  - (iv) UN3166, ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED; and
- (c) Packing Instruction 951 of Chapter 11, Class 9 — Miscellaneous dangerous goods, of Part 4, Packing Instructions, in the case of
  - (i) UN3166, ENGINE, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED,
  - (ii) UN3166, VEHICLE, FLAMMABLE GAS POWERED,
  - (iii) UN3166, VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED, or
  - (iv) UN3166, ENGINE, FUEL CELL, FLAMMABLE GAS POWERED.

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#### Fire Extinguishers

- (8) When dangerous goods are UN1044, FIRE EXTINGUISHERS, Class 2.2, they must
  - (a) be in compliance with section 5.10 of Part 5, Means of Containment;
  - (b) have a capacity less than or equal to 18 L when they are transported on board a passenger carrying aircraft; and  
*SOR/2008-34*
  - (c) be packed in accordance with Packing Instruction 213 of Chapter 4, Class 2 – Gases, of Part 4, Packing Instructions, of the ICAO Technical Instructions.  
*SOR/2008-34*

#### Gases

- (9) The following dangerous goods that are included in Class 2.1, Flammable Gases, must be in a means of containment set out in subsection (10):
  - (a) UN1011, BUTANE;
  - (b) UN1012, BUTYLENE;
  - (c) UN1055, ISOBUTYLENE;
  - (d) UN1075, LIQUEFIED PETROLEUM GASES;
  - (e) UN1077, PROPYLENE;
  - (f) UN1969, ISOBUTANE; or
  - (g) UN1978, PROPANE.
- (10) The dangerous goods referred to in subsection (9) must be contained in
  - (a) a means of containment that is marked TC-51, DOT-51 or CTC-51 and that is in standard with CSA B622 and Appendices A and B of CSA B620; or
  - (b) a cylinder that is in compliance with section 5.10 of Part 5, Means of Containment, and
    - (i) the cylinder has a capacity less than or equal to 100 L,  
*SOR/2008-34*

- (ii) if the dangerous goods are transported in cylinders on board a passenger carrying aircraft, the total capacity of all the cylinders must be less than or equal to 120 L, and  
*SOR/2008-34*
- (iii) the cylinder is secured in an upright position or in as near an upright position as possible to prevent movement during transport.

Batteries

- (11) Dangerous goods that are UN2794, BATTERIES, WET, FILLED WITH ACID, Class 8, UN2795, BATTERIES, WET, FILLED WITH ALKALI, Class 8, or UN2800, BATTERIES, WET, NON-SPILLABLE, Class 8, must
- (a) be transported in accordance with
    - (i) the third sentence of Special Provision A123 of Chapter 3, Special Provisions, of Part 3, Dangerous Goods List and Limited Quantities Exceptions, of the ICAO Technical Instructions, and  
*SOR/2003-400*
    - (ii) the following packing instructions of Chapter 10, Class 8 — Corrosives, of Part 4, Packing Instructions, of the ICAO Technical Instructions, except that, when the aircraft is not a pressurized aircraft, section 1.1.6 of Chapter 1, General packing requirements, of Part 4, Packing Instructions, of the ICAO Technical Instructions does not apply:  
*SOR/2002-306*
      - (A) for batteries with the UN number UN2794 or UN2795, Packing Instruction 870, and  
*SOR/2014-152*
      - (B) for batteries with the UN number UN2800, Packing Instruction 872; and  
*SOR/2014-152*
  - (b) if the batteries are transported on board a passenger carrying aircraft, have a gross mass less than or equal to 120 kg.

Sodium Chlorite and Hypochlorite Solution

- (12) When dangerous goods are UN1496, SODIUM CHLORITE, Class 5.1, or UN1791, HYPOCHLORITE SOLUTION, Class 8,
- (a) the available chlorine must be 7 per cent or less;
  - (b) the quantity of the dangerous goods in an inner means of containment must be less than or equal to 5 L or 5 kg and, in an outer means of containment must be less than or equal to 20 L or 20 kg;
  - (c) the dangerous goods must be placed in a leakproof inner means of containment that is a combination packaging, as defined in Chapter 3, General information, of Part 1, General, of the ICAO Technical Instructions; and  
*SOR/2002-306*
  - (d) the inner means of containment must be placed in an outer means of containment that is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety.  
*SOR/2008-34*

Pilot-in-command Responsibilities

- (13) An air carrier must ensure that
- (a) the pilot-in-command of an aircraft, other than a helicopter, transporting dangerous goods
    - (i) briefs flight attendants, if any, on the nature and location of the dangerous goods that are in any compartment to which the flight attendants have access, and
    - (ii) completes and signs a manifest, journey log or flight record, or any other type of document designated for this purpose in the Operator's Manual, that includes the shipping name, UN number, class and quantity of dangerous goods transported that day;
  - (b) at the end of each day, the pilot-in-command of a helicopter transporting dangerous goods completes and signs a manifest, journey log or flight record or any other type of document designated for this purpose in the Operator's Manual, that includes the words "Dangerous Goods Transported" or "Marchandises dangereuses transportées";
  - (c) the air carrier keeps the documents referred to in paragraphs (a) and (b) for 12 months after the date on which the dangerous goods are no longer in transport; and

- (d) when an in-flight emergency occurs and circumstances permit, the pilot-in-command
  - (i) complies with section 4.3, Information to be provided by the pilot-in-command in case of in-flight emergency, of Chapter 4, Provision of information, of Part 7, Operator's Responsibilities, of the ICAO Technical Instructions, or *SOR/2014-152*
  - (ii) for an external load of dangerous goods suspended from a helicopter, notifies the appropriate air traffic services unit that dangerous goods are in the external load.

### Records

- (14) An air carrier must
  - (a) if the consignor, the person who accepts the dangerous goods or the person who loads the aircraft is not an employee of the air carrier, keep the following information for 12 months after the date on which the dangerous goods are no longer in transport:
    - (i) the name and address of each consignor of dangerous goods, and
    - (ii) the name and address of the person who
      - (A) accepts each consignment of dangerous goods or directly supervises the acceptance of the dangerous goods, or
      - (B) loads and secures the dangerous goods or directly supervises the loading and securing of the dangerous goods;
  - (b) keep a copy of the information referred to in clause (1)(b)(iv)(A) for 12 months after the date on which the dangerous goods are no longer in transport; and
  - (c) for transport by helicopter, ensure that the following information is prepared before the dangerous goods are transported and is kept for 12 months after the date on which the dangerous goods are no longer in transport:
    - (i) the name and address of each consignor of dangerous goods,
    - (ii) the approximate date of transport,
    - (iii) the locations to and from which the dangerous goods are to be transported,
    - (iv) the shipping name, the UN number, the class and the quantity of dangerous goods to be transported, and
    - (v) the name of the air carrier's employee who prepares the information.
- (15) An air carrier must produce a record, notice or report required by subsection (1) within 15 days after the day on which a written request is received from an inspector.

#### **12.10 Private Aircraft**

A person may handle or transport dangerous goods within Canada by small aircraft or helicopter registered as private aircraft under sections 202.16 and 202.17 of the "Canadian Aviation Regulations" if the dangerous goods

- (a) are intended for non-commercial recreational use; and
- (b) are not forbidden for transport by Schedule 1 or Schedule 3 to these Regulations or by the ICAO Technical Instructions.

#### **12.11 Geological Core Samples**

A person may handle, offer for transport or transport by aircraft within Canada dangerous goods that are contained in geological core samples less than or equal to 100 mm in diameter if

- (a) when the consignor is not the air carrier, the consignor notifies the air carrier of the presence of the core samples before offering them for transport;
- (b) the core samples are transported in wooden core sample boxes that are wrapped in a sealed plastic or polyethylene bag or in a means of containment that is equally leak-proof;

- (c) the core samples as well as the means of containment are secured to prevent movement during transport; and
- (d) where the core samples contain radioactive material, they are contained in a means of containment in accordance with the “Packaging and Transport of Nuclear Substances Regulations”.

## 12.12 Aerial Work

- (1) A person may handle, offer for transport or transport dangerous goods by aircraft within Canada if the dangerous goods are being used at the location where the following aerial work takes place:
  - (a) active fire suppression;
  - (b) aerial cloud seeding;
  - (c) aerial drip torching;
  - (d) agriculture;
  - (e) avalanche control;
  - (f) forestry;
  - (g) horticulture;
  - (h) hydrographic or seismographic work; or
  - (i) pollution control.
- (2) The dangerous goods must be contained in a means of containment that is
  - (a) a tank, a container or an apparatus that is an integral part of the aircraft or that is attached to the aircraft in accordance with the Certificate of Airworthiness issued under the “Canadian Aviation Regulations”;
  - (b) a cylindrical collapsible rubber drum that is transported in or suspended from an aircraft and that is constructed, tested, inspected and used in accordance with MIL-D-23119G;
  - (c) a collapsible fabric tank that is transported suspended from a helicopter and that is constructed of material and seamed in accordance with MIL-T-52983G; or
  - (d) a small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety.  
*SOR/2008-34*
- (3) The air carrier must ensure that
  - (a) the person who loads and secures the dangerous goods on board the aircraft is trained, or works under the direct supervision of a person who is trained, in accordance with Part 6, Training, of these Regulations and Chapter 4, Training, of Part 1, General, of the ICAO Technical Instructions;  
*SOR/2002-306*
  - (b) if the dangerous goods are handled or transported by a person other than an employee of the air carrier, that person is trained in accordance with Part 6, Training, of these Regulations and Chapter 4, Training, of Part 1, General, of the ICAO Technical Instructions;  
*SOR/2002-306*
  - (c) the air carrier complies with Part 8 (Reporting Requirements), of these Regulations;  
*SOR/2016-95*
  - (d) if the pilot-in-command of the aircraft does not load or directly supervise the loading of the dangerous goods, the person who loads and secures the dangerous goods gives the pilot-in-command, in writing, the following information for each of the dangerous goods:
    - (i) its shipping name, UN number and class, and
    - (ii) the gross mass of the dangerous goods and, in the case of explosives, the net explosives quantity;
  - (e) smoking is prohibited on board the aircraft and each area or compartment of the aircraft containing dangerous goods is ventilated to prevent the accumulation of vapour;
  - (f) when an in-flight emergency occurs and circumstances permit, the pilot-in-command complies with section 4.3, Information to be provided by the pilot-in-command in case of in-flight emergency, of Chapter 4, Provision of information, of Part 7,

Operator's Responsibilities, of the ICAO Technical Instructions; and  
*SOR/2014-152*

- (g) the person who loads and secures or directly supervises the loading and securing of dangerous goods on board the aircraft
- (i) complies with section 3.1, Inspection for damage or leakage, of Chapter 3, Inspection and decontamination, of Part 7, Operator's Responsibilities, of the ICAO Technical Instructions, and  
*SOR/2002-306*
  - (ii) segregates the means of containment that contain dangerous goods that could react dangerously with one another in case of an accidental release, in accordance with Table 7-1, "Segregation between packages", of Chapter 1, Acceptance procedures, of Part 7, Operator's Responsibilities, of the ICAO Technical Instructions.  
*SOR/2014-152*

### **12.13 Measuring Instruments**

A person may handle or transport by aircraft within Canada a measuring instrument that contains dangerous goods if

- (a) the person who is responsible for the measuring instrument
  - (i) ensures that the measuring instrument or its means of containment has displayed on it labels in accordance with Chapter 3, Labelling, of Part 5, Shipper's Responsibilities, of the ICAO Technical Instructions,  
*SOR/2002-306*
  - (ii) before transporting the measuring instrument on the aircraft, has the written agreement of the air carrier to use or transport the measuring instrument on board the aircraft, and
  - (iii) is trained in accordance with Part 6, Training, of these Regulations and Chapter 4, Training, of Part 1, General, of the ICAO Technical Instructions and complies with all laws applicable to the measuring instrument;  
*SOR/2002-306*
- (b) the measuring instrument is placed or used in a location in the aircraft that is known to the pilot-in-command and the flight crew; and
- (c) when the measuring instrument contains radioactive materials,
  - (i) the radiation level at 100 mm from any point of the external surface of the instrument is less than or equal to 100 µSv/h (10 millirems per hour), and
  - (ii) the activity of the measuring instrument does not exceed the applicable exception limit set out in the column entitled "Item limits" in Table 2-15, "Activity limits for excepted packages", of Chapter 7, Class 7 — Radioactive material, of Part 2, Classification of Dangerous Goods, of the ICAO Technical Instructions.  
*SOR/2014-152*

### **12.14 Medical Aid**

*Section 1.1.3 of Chapter 1, Scope and applicability, of Part 1, General, of the ICAO Technical Instructions states that the Instructions do not apply to dangerous goods carried on board an aircraft when the dangerous goods are to provide, during flight, medical aid to a patient. This section is intended to cover the transport of dangerous goods before or after a person requiring the dangerous goods for medical aid during flight is on board the aircraft*  
*SOR/2002-306*

- (1) A person may handle, offer for transport or transport by aircraft within Canada dangerous goods, other than Class 2, Gases, if
- (a) the dangerous goods will be used or part of the dangerous goods have been used for a person who will require or who has required medical aid during flight;
  - (b) the transport of the dangerous goods is not forbidden by Schedule 1 or Schedule 3 of these Regulations or the ICAO Technical Instructions;
  - (c) before the dangerous goods are loaded, the person who offers them for transport receives the agreement of the air carrier to transport the dangerous goods on board the aircraft;
  - (d) the air carrier
    - (i) directly supervises the loading and securing of the dangerous goods on board the aircraft so that they do not move during transport,

- (ii) complies with section 3.1, Inspection for damage or leakage, of Chapter 3, Inspection and decontamination, of Part 7, Operator's Responsibilities, of the ICAO Technical Instructions, and  
*SOR/2002-306*
  - (iii) provides to the pilot-in-command, in writing, the shipping name, the UN number and the class of the dangerous goods and their location on board the aircraft;
  - (e) **repealed SOR/2002-306**
  - (f) in the event of a change of aircraft or flight crew, the pilot-in-command communicates the information required by subparagraph (d)(iii) to the next pilot-in-command;
  - (g) the air carrier's employees are trained, or work under the direct supervision of a person who is trained, in accordance with Part 6, Training, of these Regulations and Chapter 4, Training, of Part 1, General, of the ICAO Technical Instructions; and  
*SOR/2002-306*
  - (h) the air carrier complies with Part 8 (Reporting Requirements); of these Regulations.  
*SOR/2016-95*
- (2) The air carrier and the person who offers the dangerous goods for transport must ensure that
- (a) the dangerous goods are contained in a means of containment that is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety; and  
*SOR/2008-34*
  - (b) the means of containment has displayed on it the package markings and labels required by Chapter 2, Package markings, and Chapter 3, Labelling, of Part 5, Shipper's Responsibilities, of the ICAO Technical Instructions.  
*SOR/2002-306*
- (3) A person may handle, offer for transport or transport by aircraft within Canada UN1072, OXYGEN, COMPRESSED, if
- (a) the air carrier and the person who offers the dangerous goods for transport comply with the requirements of subsection (1) and paragraph (2)(b);
  - (b) the dangerous goods are in a cylinder that is in compliance with section 5.10 of Part 5, Means of Containment, of these Regulations;
  - (c) each cylinder contains a quantity of UN1072, OXYGEN, COMPRESSED, that is less than or equal to 850 L or 30 ft<sup>3</sup>;
  - (d) the number of cylinders containing UN1072, OXYGEN, COMPRESSED, does not exceed 6 owned by the air carrier and one additional cylinder for each passenger who needs the oxygen at destination; and
  - (e) the pilot-in-command is advised of the number of cylinders loaded on board the aircraft;
  - (f) **Repealed SOR/2014-152**

#### **12.15 Repealed SOR/2008-34**

#### **12.16 Repealed SOR/2008-34**

#### **12.17 Flight Deck Loading Restrictions**

A person may handle or transport within Canada, by an aircraft that does not have a Class B, Class C or Class D cargo compartment, dangerous goods other than those included in Class 4.3, Water Reactive Substances, if

- (a) the person complies with
  - (i) paragraphs 12.1(1)(a) to (j), and
  - (ii) the ICAO Technical Instructions, other than section 2.1, Loading restrictions on flight deck and for passenger aircraft, of Chapter 2, Storage and loading, of Part 7, Operator's Responsibilities;  
*SOR/2002-306*
- (b) a certificate was issued for the aircraft under Subpart 4 of Part VI or Subpart 3 or 4 of Part VII of the "Canadian Aviation Regulations";
- (c) transport of the dangerous goods is not forbidden by Schedule 1 or Schedule 3 of these Regulations or the ICAO Technical Instructions;

- (d) transport of the dangerous goods is not restricted by the ICAO Technical Instructions to cargo aircraft only; and
- (e) the dangerous goods are loaded and transported in a compartment that is accessible during flight so that the dangerous goods and any other cargo can be readily reached by a crew member using, if necessary, a hand-held fire extinguisher.

## PART 13

### PROTECTIVE DIRECTION

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### ***Background***

*The authority for a protective direction is in section 32 of the “Transportation of Dangerous Goods Act, 1992”.*

*An example of the need for a protective direction would be a situation involving a suspected problem with a standardized means of containment. A protective direction could require that a statistical sample be inspected within a specified period of time. The results would determine the next course of action, which could be, for instance, the removal of all such means of containment from service, the establishment of a compulsory inspection programme for the remaining means of containment or no further special action.*

## ***PROTECTIVE DIRECTION***

### ***Definitions***

*Definitions for the following terms, used in this Part, are provided in Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:*

*Director General*

*Minister*

*Person*

*protective direction*

### **13.1 Effective Date and Expiry of a Protective Direction**

- (1) A protective direction takes effect on the date on which it is signed by the Minister or a designated person or at a later date indicated in the protective direction. However, after the effective date of the protective direction, any non-compliance with it must not be enforced against a person unless the person has received the original, signed protective direction or an electronic copy of it, or reasonable steps have been taken to make the person aware of the protective direction.
- (2) A protective direction expires on the expiry date specified in it. If no expiry date is specified in the protective direction, it expires 12 months after the date on which it is signed.

### **13.2 Requesting a Review of a Protective Direction**

- (1) A person may request a review of a protective direction at any time after it is signed.
- (2) The request must be made, in writing, to the Minister or the Director General and must include the following information:
  - (a) the name and address of the place of business of the person requesting the review;
  - (b) the result the person expects from the review; and
  - (c) all the information necessary to support the request for the review.

### **13.3 Notification of a Decision**

The Minister or a designated person must notify, in writing, the person who made the request for a review of the decision and the reasons for the decision.



## PART 14

### PERMIT FOR EQUIVALENT LEVEL OF SAFETY

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### ***Background***

*There is no obligation on any person to apply for a permit for equivalent level of safety to handle, offer for transport or transport dangerous goods. However, if a person wants to conduct an activity in a way that is not consistent with the Act or Regulations, the person must apply for a permit for equivalent level of safety to do so under section 31 of the Act.*

*Under subsection 31(1) of the Act, the Minister or a designated person may issue a permit for equivalent level of safety if the Minister or designated person is satisfied that the activity authorized by the permit will be conducted in a manner that will provide a level of safety at least equivalent to that provided by compliance with the Act and these Regulations.*

*The persons designated to issue a permit for equivalent level of safety are those people in the Transport Dangerous Goods Directorate, Transport Canada, who hold the following positions:*

*Director General*

*Director, Regulatory Affairs Branch*

*Chief, Permits and Approvals Division*

## **PERMIT FOR EQUIVALENT LEVEL OF SAFETY**

### **Definitions**

*Definitions for the following terms, used in this Part, are provided in Part I, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:*

<i>Act</i>	<i>means of containment</i>	<i>railway vehicle</i>
<i>aircraft</i>	<i>Minister</i>	<i>road vehicle</i>
<i>classification</i>	<i>net explosives quantity</i>	<i>ship</i>
<i>dangerous goods</i>	<i>permit for equivalent level of safety</i>	
<i>Director General</i>	<i>person</i>	

### **14.1 Applying for a Permit for Equivalent Level of Safety**

A person must apply to the Minister or a designated person in writing for a permit for equivalent level of safety and must include the following information:

- (a) if the applicant is an individual, the name of the individual;
- (b) if the applicant is a company or an association, the name of the company or association and each association member, as the names appear in letters patent, articles of incorporation or any other document that shows the legal identity of the company or the association and each association member;
- (c) the address of the place of business of the applicant;
- (d) the telephone number, including the area code, and, if applicable, the electronic mailing address and the facsimile number of the applicant;
- (e) if a person submits an application on behalf of a company or an association, the person's name and position and the telephone number, including the area code, and address of the person's place of business;
- (f) the classification of the dangerous goods and, if the dangerous goods are in a solution or mixture, the composition and percentage (specified by volume, mass or net explosives quantity) of each chemical;
- (g) the method of packaging the dangerous goods, including a description of the means of containment and the quantity of dangerous goods in each means of containment;
- (h) whether the permit for equivalent level of safety is requested for transport by road vehicle, railway vehicle, aircraft or ship;
- (i) a description of the proposal for a permit for equivalent level of safety, including  
*SOR/2008-34*
  - (i) the requirements of the Act or these Regulations that the applicant proposes not to comply with,
  - (ii) the manner in which the activity will be carried out and how that manner will provide a level of safety at least equivalent to that provided by compliance with the Act and these Regulations, and
  - (iii) drawings, plans, calculations, procedures, test results and any other information necessary to support the proposal;
- (j) the length of time or the schedule of activities for which the permit for equivalent level of safety is requested; and
- (k) the name, position and business telephone number, including the area code, of the person who can be contacted regarding the application for a permit for equivalent level of safety and who is authorized by the applicant to speak on the applicant's behalf.

## **14.2 Issuance or Refusal of a Permit for Equivalent Level of Safety**

*Under subsection 31(1) of the Act, the Minister or a designated person may issue a permit for equivalent level of safety if the Minister or designated person is satisfied that the activity authorized by the permit will be conducted in a manner that will provide a level of safety at least equivalent to that provided by compliance with the Act and these Regulations.*

If an application for a permit for equivalent level of safety is refused, the Minister or a designated person must notify the applicant, in writing, of the refusal and the reasons for the refusal.

## **14.3 Applying for Renewal of a Permit for Equivalent Level of Safety**

A person must apply to the Minister or a designated person in writing to renew a permit for equivalent level of safety and must include the following information:

- (a) if the applicant is an individual, the name of the individual;
- (b) if the applicant is a company or an association, the name of the company or association and each association member, as the names appear in letters patent, articles of incorporation or any other document that shows the legal identity of the company or the association and each association member;
- (c) the address of the place of business of the applicant;
- (d) the telephone number, including the area code, and, if applicable, the electronic mailing address and the facsimile number of the applicant;
- (e) if a person submits an application on behalf of a company or an association, the person's name and position and the telephone number, including the area code, and address of the person's place of business;
- (f) certification that the information provided in the original application in accordance with paragraphs 14.1(f) to (i) is still applicable and complete;
- (g) the length of time or the schedule of activities for which the renewal is requested; and
- (h) the name, position and business telephone number, including the area code, of the person who can be contacted regarding the permit for equivalent level of safety and who is authorized by the applicant to speak on the applicant's behalf.

## **14.4 Issuance or Refusal of a Renewal of a Permit for Equivalent Level of Safety**

- (1) The Minister or a designated person may renew a permit for equivalent level of safety if the Minister or designated person is satisfied, on the basis of the information available and the information submitted with the application for a renewal, that the activity authorized by the permit for equivalent level of safety will provide a level of safety at least equivalent to that provided by compliance with the Act and these Regulations.
- (2) If an application for a renewal is refused, the Minister or a designated person must notify the applicant, in writing, of the refusal and the reasons for the refusal.

## **14.5 Revoking a Permit for Equivalent Level of Safety**

*Under subsection 31(6) of the Act, the Minister or a designated person may revoke a permit for equivalent level of safety if*

- (a) *the Minister or designated person is no longer satisfied that the manner in which the activity authorized by the permit will be conducted will provide a level of safety at least equivalent to that provided by compliance with the Act and these Regulations; or*
- (b) *the Regulations have been amended and address the activity authorized by the permit.*

The Minister or designated person must notify a person, in writing, of the revocation of a permit for equivalent level of safety under subsection 31(6) of the Act and the reasons for the revocation.

#### **14.6 Requesting a Review of a Decision to Refuse or Revoke a Permit for Equivalent Level of Safety**

- (1) A person may request a review of a decision to refuse or revoke a permit for equivalent level of safety within 30 days after receiving notification of the decision.
- (2) The request must be made in writing to the Minister or the Director General and must include the following information:
  - (a) the name and address of the place of business of the person requesting the review;
  - (b) the reasons why the decision should be reversed; and
  - (c) all of the information necessary to support the request for the review.

#### **14.7 Processing a Request for a Review**

The Minister or, in the case of a refusal or revocation by a designated person, the Director General may issue a permit for equivalent level of safety that was refused or reissue a revoked permit if the Minister or Director General is satisfied, on the basis of the information available and the information submitted with the request for review, that the activity authorized by the permit will provide a level of safety at least equivalent to that provided by compliance with the Act and these Regulations.

#### **14.8 Notification of a Decision**

The Minister or the Director General must notify, in writing, the person who made the request for a review of the decision and the reasons for the decision.



**PART 15**

**COURT ORDER**

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## **COURT ORDER**

### ***Definitions***

*Definitions for the following terms, used in this Part, are provided in Part I, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:*

*Act*

*Director General*

*person*

### **15.1 Payment of Money for Research**

A person who is subject to a court order that requires payment of an amount of money under paragraph 34(1)(d) of the Act to be used to conduct programs of research must

- (a) provide a summary of the order, in writing, to the Director General within 30 days after the order is made; and
- (b) give to the Director General the amount in the form of a certified cheque, money order or bank draft, payable to the Receiver General for Canada, within the period established by the court or, if no period is established, within 90 days after the order is made.

## PART 16

### INSPECTORS

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## INSPECTORS

### **Definitions**

*Definitions for the following terms, used in this Part, are provided in Part I, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:*

*Act*

*inspector*

*Minister*

*person*

### **16.1 Certificate of Designation**

A certificate of designation issued to an inspector under subsection 10(2) of the Act must be in the following form:

Area of qualification / Domaine de compétence	This person is designated as an inspector for the purposes of the “Transportation of Dangerous Goods Act, 1992.”	Cette personne est désignée à titre d’inspecteur pour l’application de la “Loi de 1992 sur le transport des marchandises dangereuses.”						
Issuing Date / Date de délivrance	Expiry Date / d’expiration	<table border="1"><tr><td>Photograph Photographie  1 1/2" x 1 1/4"  3.8 cm x 3.2 cm 3,8 cm x 3,2 cm</td><td>Name / Nom</td></tr><tr><td></td><td>Inspector’s Signature / Signature de l’inspecteur</td></tr><tr><td></td><td>Minister’s Signature / Signature du ministre</td></tr></table>	Photograph Photographie  1 1/2" x 1 1/4"  3.8 cm x 3.2 cm 3,8 cm x 3,2 cm	Name / Nom		Inspector’s Signature / Signature de l’inspecteur		Minister’s Signature / Signature du ministre
Photograph Photographie  1 1/2" x 1 1/4"  3.8 cm x 3.2 cm 3,8 cm x 3,2 cm	Name / Nom							
	Inspector’s Signature / Signature de l’inspecteur							
	Minister’s Signature / Signature du ministre							

## 16.2 Inspection Certificate

An inspection certificate provided under subsection 11(1) of the Act when an inspector opens anything for inspection or takes a sample of anything that is sealed or closed up must be in the following form:

INSPECTION CERTIFICATE / ATTESTATION
Date of Activity / Date de l'activité
Activity (inspection or sample taking) / Activité (visite ou prise d'échantillon)
Quantity of Sample / Quantité de l'échantillon
Date Resealed / Date d'apposition du nouveau plomb
Seal Number, if any / Numéro du plomb, le cas échéant
Name / Signature / Certificate Number of Inspector Nom / Signature / Numéro du certificat de l'inspecteur
Date

## 16.3 Detention of Dangerous Goods or Means of Containment

*SOR/2008-34*

- (1) When an inspector detains dangerous goods or a means of containment under subsection 17(1) or (2) of the Act, the inspector must deliver a Detention Notice in the form following this section to the person who has charge, management or control of the dangerous goods or of the means of containment at the time they are detained.  
*SOR/2008-34*
- (2) The inspector must sign and date the Notice.  
*SOR/2008-34*
- (3) The detention takes effect when the Notice is signed and dated by the inspector. However, any non-compliance with the detention must not be enforced against a person until the person has received the Notice or a copy of it or a reasonable attempt has been made to give the person the Notice or a copy of it.  
*SOR/2008-34*
- (4) The detention expires 12 months after the day on which it takes effect, but it may be revoked earlier, in writing, by an inspector.  
*SOR/2008-34*
- (5) A person may request a review of the detention at any time after it takes effect and the Notice is delivered to the person who has charge, management or control of the dangerous goods or of the means of containment. The request must be made in writing to the Minister or the Director General and must include the following information:
  - (a) the name and address of the place of business of the person requesting the review;
  - (b) a copy of the Notice;
  - (c) the reasons why the detention should be revoked; and
  - (d) all of the information necessary to support the request for the review.*SOR/2008-34*
- (6) The Minister or the Director General must notify the person, in writing, of the decision made and the reasons for the decision.  
*SOR/2008-34*

**DETENTION NOTICE**

Subsection 17(1) or (2) of the Transportation of  
Dangerous Goods Act, 1992

Notice Number: \_\_\_\_\_ File Number: \_\_\_\_\_

*The dangerous goods described in this Notice are not being handled, offered for transport, transported or imported in compliance with the Transportation of Dangerous Goods Act, 1992 and the Transportation of Dangerous Goods Regulations. They are detained until an inspector is satisfied that the dangerous goods will be handled, offered for transport, transported or imported in compliance with the Act and the Regulations.*

The standardized means of containment described in this Notice are not being sold, offered for sale, delivered, distributed, imported or used in compliance with the Transportation of Dangerous Goods Act, 1992 and the Transportation of Dangerous Goods Regulations. They are detained until an inspector is satisfied that the means of containment will be sold, offered for sale, delivered, distributed, imported or used in compliance with the Act and the Regulations.

In accordance with paragraph 13(1)(c) of the Act, a person must not remove, alter or interfere in any way with dangerous goods or the means of containment detained by an inspector unless authorized by an inspector.

**Person Receiving the Notice** (include name and position of the person, company name, address of place of business, postal code, telephone number, fax number, e-mail address)

**Inspector Issuing the Notice** (include name, address of place of business, postal code, telephone number, fax number, e-mail address, certificate of designation number)

Date the Notice is Issued (dd/mm/yyyy) \_\_\_\_\_

**Inspector's Name (print), Location and Signature**

**Description of the Dangerous Goods** (include UN number, shipping name, primary class, subsidiary class, packing group)

**Description of the Means of Containment** (include serial number)

**Details of Non-compliance** (include references to the Act and Regulations)

---

**Release of Dangerous Goods or Means of Containment**

The undersigned is satisfied that the dangerous goods described in this Notice will be handled, offered for transport, transported or imported in compliance with the Transportation of Dangerous Goods Act, 1992 and the Transportation of Dangerous Goods Regulations and hereby releases the dangerous goods.

The undersigned is satisfied that the means of containment described in this Notice will be sold, offered for sale, delivered, distributed, imported or used in compliance with the Transportation of Dangerous Goods Act, 1992 and the Transportation of Dangerous Goods Regulations, and hereby releases the means of containment.

\_\_\_\_\_  
**Inspector's Name (Print)**

\_\_\_\_\_  
**Inspector's Signature**

\_\_\_\_\_  
**Date (dd/mm/yyyy)**

*SOR/2008-34*

#### **16.4 Direction to Remedy Non-compliance**

*SOR/2008-34*

- (1) When an inspector directs a person, under subsection 17(3) of the Act, to take necessary measures to remedy non-compliance with the Act and these Regulations, the inspector must deliver to that person a Notice of Direction to Remedy Non-compliance in the form following this section.  
*SOR/2008-34*
- (2) The inspector must sign and date the Notice.  
*SOR/2008-34*
- (3) The Notice must also be signed and dated by one of the following designated persons before it is delivered to the person directed by the inspector to take the necessary measures: the Director, Compliance and Response, the Chief, Response Operations, or the Chief, Enforcement, of the Transport Dangerous Goods Directorate, Department of Transport.  
*SOR/2008-34*
- (4) The direction takes effect when the Notice is signed and dated in accordance with subsections (2) and (3). However, any non-compliance with the direction must not be enforced against a person until the person has received the Notice or a copy of it or a reasonable attempt has been made to give the person the Notice or a copy of it.  
*SOR/2008-34*
- (5) The direction expires 12 months after the day on which it takes effect, but it may be revoked earlier, in writing, by an inspector.  
*SOR/2008-34*
- (6) A person may request a review of the direction at any time after it takes effect and the Notice is delivered to the person who has charge, management or control of the dangerous goods or means of containment. The request must be made in writing to the Minister or the Director General and must include the following information:
  - (a) the name and address of the place of business of the person requesting the review;
  - (b) a copy of the Notice;
  - (c) the reasons why the direction should be revoked; and
  - (d) all of the information necessary to support the request for the review.  
*SOR/2008-34*
- (7) The Minister or the Director General must notify the person, in writing, of the decision made and the reasons for the decision.  
*SOR/2008-34*

**NOTICE OF DIRECTION TO REMEDY NON-COMPLIANCE**

*Delivered to persons directed by an inspector to take measures under subsection 17(3) of the Act to remedy non-compliance with the Act and Regulations.*

**Person Receiving the Notice** (*name and position, company name, address of place of business including the postal code, telephone number, fax number, e-mail address*)

**Details of Non-compliance** (*including reference to the Act and Regulations*)

**Inspector's Direction to Remedy Non-compliance**

**Revocation** (*include reasons for justifying the revocation, name, title and signature of person revoking the direction*)

**Inspector's Name (Print)**

**Inspector's Signature**

**Date (dd/mm/yyyy)**

**Designated Person**

**Name (Print Name)**

**Position (Print)**

**Signature**

**Date (dd/mm/yyyy)**

*SOR/2008-34*

**16.5 Direction Not to Import or to Return to Place of Origin**

*SOR/2008-34*

- (1) When an inspector directs, under subsection 17(4) of the Act, a person who has charge, management or control of dangerous goods or means of containment that the dangerous goods or means of containment not be imported into Canada or, if they are already in Canada, that they be returned to their place of origin, the inspector must deliver to that person a Notice of Direction Not to Import or to Return to Place of Origin in the form following this section.  
*SOR/2008-34*
- (2) The inspector must sign and date the Notice.  
*SOR/2008-34*
- (3) The direction takes effect when the Notice is signed and dated by the inspector. However, any non-compliance with the direction must not be enforced against a person until the person has received the Notice or a copy of it or a reasonable attempt has been made to give the person the Notice or a copy of it.  
*SOR/2008-34*
- (4) The direction expires 12 months after the day on which it takes effect, but it may be revoked earlier, in writing, by an inspector.  
*SOR/2008-34*
- (5) A person may request a review of the direction at any time after it takes effect and the Notice is delivered to the person who has charge, management or control of the dangerous goods or means of containment. The request must be made in writing to the Minister or the Director General and must include the following information:
  - (a) the name and address of the place of business of the person requesting the review;
  - (b) a copy of the Notice;
  - (c) the reasons why the direction should be revoked; and
  - (d) all of the information necessary to support the request for the review.

*SOR/2008-34*

- (6) The Minister or the Director General must notify the person, in writing, of the decision made and the reasons for the decision.  
*SOR/2008-34*

**NOTICE OF DIRECTION NOT TO IMPORT OR TO  
RETURN TO PLACE OF ORIGIN**

*Subsection 17(4) of the Transportation of Dangerous Goods Act, 1992*

*The dangerous goods or the means of containment described in this Notice  
are not being handled, offered for transport, transported or imported in  
compliance with the Transportation of Dangerous Goods Act, 1992, and are  
directed not to be imported or to be returned to the place of origin.*

**Person Receiving the Notice** (include name and position of the person, company name, address of place of business, postal code, telephone number, fax number, e-mail address)

**Inspector Issuing the Notice** (include name, address of place of business, postal code, telephone number, fax number, e-mail address, certificate of designation number)

**Date the Notice Is Issued** (write out date in full)

**Description of the Dangerous Goods** (include UN number, shipping name, primary class, subsidiary class, packing group, if any)

**Description of the Means of Containment** (include the serial number, if any)

**Details of Non-compliance and Why Action to Remedy the Non-compliance  
Is Not Possible or Desirable** (include references to the Act and Regulations)

**Revocation** (include reasons justifying the revocation, and the name, title and signature of the person revoking the direction)

**Inspector's Name (Print)**

**Inspector's Signature**

**Date** (dd/mm/yyyy)

*SOR/2008-34*



## SCHEDULE 1

### CLASSES 1 TO 9

#### LEGEND

**Col. 1 UN Number.** This column gives the UN numbers for the shipping names of the dangerous goods. The shipping names are listed in alphabetical order in Schedule 3.

**Col. 2 Shipping Name and Description.** This column gives the shipping names for the dangerous goods. Each shipping name is written in upper case letters (capitals) and any descriptive text is written in lower case letters. The word “or” between shipping names indicates that there is more than one shipping name for the dangerous goods and that each shipping name is correct. Any one of the shipping names may be used, for example, to complete a shipping document.

*See paragraph 1.3(2)(d) of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) for additional information about shipping names and how they may be written to complete, for example, a shipping document.*

*The abbreviation N.O.S. means “Not Otherwise Specified”.*

**Col. 3 Class.** This column gives the primary class for the dangerous goods. Any subsidiary class is shown in parentheses under the primary class. There is no priority between or among subsidiary classes.

The word “Forbidden” in this column means that the dangerous goods must not be transported. Schedule 3 includes dangerous goods that are forbidden for transport but that do not have a UN number. *A person may apply for a Permit for Equivalent Level of Safety to transport these dangerous goods (see Part 14 (Permit for Equivalent Level of Safety))*

**Col. 4 Packing Group/Category.** This column gives the packing group or category for the dangerous goods.

*All dangerous goods included in Class 1, Explosives, are assigned to packing group II. Dangerous goods included in Class 2, Gases, and Class 7, Radioactive Materials, do not have packing groups. Dangerous goods included in Class 6.2, Infectious Substances, are assigned to category A or B rather than to packing groups.*

**Col. 5 Special Provisions.** This column gives the numbers of the special provisions that apply to the dangerous goods. The special provisions are set out in Schedule 2.

**Col. 6 (a) Explosive Limit and Limited Quantity Index.** This column gives the maximum quantity of dangerous goods that may be handled, offered for transport or transported either in accordance with section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) in the case of dangerous goods included in any of Classes 2 to 9, or in accordance with section 1.31 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) in the case of dangerous goods included in Class 1, Explosives.

*Section 1.17 applies to dangerous goods included in Classes 2 to 9. Section 1.17 may also apply to ammunition included in Class 1.4S and assigned to UN0012, UN0014 or UN0055.*

*Section 1.31 applies to dangerous goods included in Class 1.*

*Ammunition included in Class 1.4S and assigned to UN0012, UN0014 or UN0055 may be offered for transport with the Limited Quantity marking under special provision 125 of Schedule 2.*

**Col. 6 (b) Excepted Quantity Index.** This column provides an alphanumeric code, set out in the table to subsection 1.17.1(2) of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), that indicates the maximum quantity of dangerous goods that may be handled, offered for transport or transported in accordance with section 1.17.1 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) in the case of dangerous goods included in any of Classes 2 to 9.

**Col. 7 ERAP Index.** This column gives the ERAP (emergency response assistance plan) quantity limit above which an approved ERAP is required for the dangerous goods in accordance with section 7.1 of Part 7 (Emergency Response Assistance Plan).

The quantity limit is expressed in kilograms for solids, in litres for liquids, and, for gases, as the capacity in litres of the means of containment. For Class 1, Explosives, the quantity is expressed either in kilograms of net explosives quantity or, if the explosives are subject to special provision 85 or 86, number of articles.

For dangerous goods included in Class 3, Flammable Liquids, with the UN number UN1170, UN1202, UN1203, UN1267, UN1268, UN1863, UN1987, UN1993, UN3295, UN3475 or UN3494, see subsection 7.1(6) of Part 7 (Emergency Response Assistance Plan), which sets out the ERAP requirements for those dangerous goods. For Class 6.2, Infectious Substances, see subsection 7.1(7) of Part 7 (Emergency Response Assistance Plan), which sets out the ERAP requirements for certain infectious substances.

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The ERAP quantity limit applies to the row in this Schedule on which it appears. For example, UN1986 may require an ERAP for Packing Group I but not for Packing Group II or III.

If no index number is shown, an ERAP is not required unless the dangerous goods are subject to special provision 84 or 150 (*see subsections 7.1(6) and (7) of Part 7 (Emergency Response Assistance Plan)*).

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*In column 7 of the schedule, “SP” means “special provision”.*

**Col. 8 Passenger Carrying Ship Index.** This column gives the maximum quantity of dangerous goods that may be transported, per means of containment, on board a passenger carrying ship (*see section 1.6 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases)*). The quantity limit is expressed in kilograms for solids, in litres for liquids, and, for gases, as the capacity in litres of the means of containment. For Class 1, Explosives, the quantity is expressed either in kilograms of net explosives quantity or, if the explosives are subject to special provision 85 or 86, in number of articles. There may be special stowage requirements or restrictions for some of these dangerous goods, and the consignor should contact the marine carrier for more information.

The word “Forbidden” in this column means that the dangerous goods must not be transported in any quantity on board a passenger carrying ship. *A person may apply for a Permit for Equivalent Level of Safety to transport these dangerous goods (see Part 14 (Permit for Equivalent Level of Safety)).*

If no index number is shown, there is no quantity limit.

**Col. 9 Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index.** This column gives the maximum quantity of dangerous goods that may be transported, per means of containment, on board a passenger carrying road vehicle or a passenger carrying railway vehicle (*see section 1.6 of Part 1, (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases)*). The quantity limit is expressed in kilograms for solids, in litres for liquids, and, for gases, as the capacity in litres of the means of containment. For Class 1, Explosives, the quantity is expressed either in kilograms of net explosives quantity or, if the explosives are subject to special provision 85 or 86, in number of articles.

The word “Forbidden” in this column means that the dangerous goods must not be transported in any quantity on board a passenger carrying road vehicle or a passenger carrying railway vehicle. *A person may apply for a permit for Equivalent Level of Safety to transport these dangerous goods (see Part 14 (Permit for Equivalent Level of Safety)).*

If no index number is shown, there is no quantity limit.

**HOW TO USE SCHEDULE 1****Important Principles**

There are two important principles to follow:

1. The data in each row must be used exactly as it is presented to meet, for example, the requirements for completing a shipping document.
2. When one row has more than one sub-row in columns 4 to 9 (e.g., there is more than one packing group), the data used for that UN number must be taken entirely from the same row and the same sub-row.

This explanation describes how to use this Schedule. If a UN number is not known, one must refer to Schedule 3 to select the most appropriate UN number for the substance. In some cases, one UN number is used for several different products (generic entries or N.O.S.).

Four entries are used in the following three examples to illustrate four separate but similar ways of presenting data. The first example is described in detail. The entries are: UN1660, UN1664 and UN3446, and UN2024.

**Example 1 : UN1660**

**Col. 1/Col. 2** UN1660 is the UN number (see column 1) for the shipping name NITRIC OXIDE, COMPRESSED (see column 2). Note that subparagraph 1.3(2)(d)(iii) of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) allows shipping names in English to be written in a different order from the order in Schedule 1, as long as the full shipping name is used and the word order is a commonly used one. For example, this substance may be referred to in English as either NITRIC OXIDE, COMPRESSED, or COMPRESSED NITRIC OXIDE.

**Col. 3** The primary class is Class 2.3 and the two subsidiary classes are Class 5.1 and Class 8 (see column 3). Please note that no priority is to be assumed between or among subsidiary classes.

**Col. 4** There is no packing group, which is true for all gases (see column 4).

**Col. 5** There are two special provisions that apply (see column 5). They are Special Provisions 23 and 38, the text of which is in Schedule 2.

**Col. 6 (a)** NITRIC OXIDE, COMPRESSED, cannot be transported as a limited quantity because a “0” is set out for this substance in column 6 (a).

**Col. 6 (b)** NITRIC OXIDE, COMPRESSED, cannot be transported as an excepted quantity because the code “E0” is set out for this substance in column 6 (b).

**Col. 7** NITRIC OXIDE, COMPRESSED, in a means of containment whose capacity exceeds 25 L requires an emergency response assistance plan because a “25” is set out for this substance in column 7.

**Col.8/Col.9** NITRIC OXIDE, COMPRESSED, is forbidden for transport on a passenger carrying ship, a passenger carrying road vehicle or a passenger carrying railway vehicle, because the word “Forbidden” is set out for that substance in columns 8 and 9.

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	<b>Packing Group/ Category</b>	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1660 <small>SOR/2016-95</small>	NITRIC OXIDE, COMPRESSED	2.3 (5.1) (8)		23, 38	0	E0	25	Forbidden	Forbidden

**Example 2 : UN1664 and UN3446**

These dangerous goods can be transported under two different UN numbers: UN1664, NITROTOLUENES, LIQUID, for the liquid form of the substance and UN3446, NITROTOLUENES, SOLID, for the solid form of the substance. Once the correct UN number is chosen, i.e., the UN number for the liquid or the UN number for the solid, the information is read in the same fashion as Example 1, UN1660, NITRIC OXIDE, COMPRESSED.

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/ Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1664	NITROTOLUENES, LIQUID	6.1	II		0.1 L	E4			5 L
UN3446	NITROTOLUENES, SOLID	6.1	II		0.5 kg	E4			25 kg

**Example 3 : UN2024**

This UN number appears only once for the shipping name MERCURY COMPOUND, LIQUID, N.O.S., but the entry contains three different sets of data, one for each of the three packing groups. The abbreviation N.O.S. means “Not Otherwise Specified”.

The UN number, shipping name and class are the same for each packing group. However, the remaining data are taken from the applicable packing group sub-row in columns 4 to 9, and are read in the same fashion as Example 1, UN1660, NITRIC OXIDE, COMPRESSED.

Note that all the data used to complete a shipping document, for example, must be from the same row (columns 1 to 3) and the same sub-row (columns 4 to 9).

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/ Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN2024	MERCURY COMPOUND, LIQUID, N.O.S., excluding mercurous chloride and cinnabar	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L

**Schedule 1****Classes 1 to 9**

Col. 1  UN Number	Col. 2  Shipping Name and Description	Col. 3  Class	Col. 4  Packing Group/ Category	Col. 5  Special Provisions	Col. 6		Col. 7  ERAP Index	Col. 8  Passenger- Carrying Ship Index	Col. 9  Passenger- Carrying Road Vehicle or Passenger- Carrying Railway Vehicle Index
					6(a)	6(b)			
UN0004	AMMONIUM PICRATE dry or wetted with less than 10% water, by mass	1.1D	II		5	E0	75	10	Forbidden
UN0005	CARTRIDGES FOR WEAPONS with bursting charge	1.1F	II		0	E0	75	Forbidden	Forbidden
UN0006	CARTRIDGES FOR WEAPONS with bursting charge	1.1E	II		0	E0	75	10	Forbidden
UN0007	CARTRIDGES FOR WEAPONS with bursting charge	1.2F	II		0	E0	75	Forbidden	Forbidden
UN0009	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.2G	II		0	E0	75	10	Forbidden
UN0010	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.3G	II		0	E0		10	Forbidden
UN0012	CARTRIDGES FOR WEAPONS, INERT PROJECTILE; or CARTRIDGES, SMALL ARMS	1.4S	II	125	25	E0			
UN0014 <small>SOR/2017-137</small>	CARTRIDGES FOR WEAPONS, BLANK; CARTRIDGES, SMALL ARMS, BLANK; or CARTRIDGES FOR TOOLS, BLANK	1.4S	II	125	25	E0			
UN0015	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.2G	II		0	E0	75		Forbidden
UN0016	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.3G	II		0	E0			Forbidden
UN0018	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.2G (6.1) (8)	II		0	E0	75		Forbidden
UN0019	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.3G (6.1) (8)	II		10	E0	75		Forbidden
UN0020	AMMUNITION, TOXIC with burster, expelling charge or propelling charge	1.2K (6.1)	II	16	0	E0	75	Forbidden	Forbidden
UN0021	AMMUNITION, TOXIC with burster, expelling charge or propelling charge	1.3K (6.1)	II	16	0	E0	75	Forbidden	Forbidden
UN0027	BLACK POWDER granular or as a meal; or GUNPOWDER granular or as a meal	1.1D	II	76, 90	10	E0	75	10	Forbidden
UN0028	BLACK POWDER, COMPRESSED; BLACK POWDER, IN PELLETS; GUNPOWDER, COMPRESSED; or GUNPOWDER, IN PELLETS	1.1D	II	90	10	E0	75	10	Forbidden
UN0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	II	86	0	E0	5 000	100	100
UN0030	DETONATORS, ELECTRIC for blasting	1.1B	II	86	0	E0	5 000	100	100

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/ Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN0033	BOMBS with bursting charge	1.1F	II		0	E0	75	Forbidden	Forbidden
UN0034	BOMBS with bursting charge	1.1D	II		0	E0	75	10	Forbidden
UN0035	BOMBS with bursting charge	1.2D	II		0	E0	75	10	Forbidden
UN0037	BOMBS, PHOTO-FLASH	1.1F	II		0	E0	75	Forbidden	Forbidden
UN0038	BOMBS, PHOTO-FLASH	1.1D	II		0	E0	75	10	Forbidden
UN0039	BOMBS, PHOTO-FLASH	1.2G	II		0	E0	75	10	Forbidden
UN0042	BOOSTERS without detonator	1.1D	II		0	E0	75	10	Forbidden
UN0043	BURSTERS, explosive	1.1D	II		0	E0	75	10	Forbidden
UN0044	PRIMERS, CAP TYPE	1.4S	II	85	0	E0			
UN0048	CHARGES, DEMOLITION	1.1D	II		0	E0	75	10	Forbidden
UN0049	CARTRIDGES, FLASH	1.1G	II		0	E0	75	10	Forbidden
UN0050	CARTRIDGES, FLASH	1.3G	II		0	E0		10	Forbidden
UN0054	CARTRIDGES, SIGNAL	1.3G	II		25	E0		10	Forbidden
UN0055	CASES, CARTRIDGE, EMPTY, WITH PRIMER	1.4S	II	125	25	E0			
UN0056	CHARGES, DEPTH	1.1D	II		0	E0	75	10	Forbidden
UN0059	CHARGES, SHAPED without detonator	1.1D	II		25	E0	75	10	Forbidden
UN0060	CHARGES, SUPPLEMENTARY, EXPLOSIVE	1.1D	II		0	E0	75	10	Forbidden
UN0065	CORD, DETONATING, flexible	1.1D	II		25	E0	75	10	Forbidden
UN0066	CORD, IGNITER	1.4G	II	76	25	E0		10	20
UN0070	CUTTERS, CABLE, EXPLOSIVE	1.4S	II		25	E0			
UN0072	CYCLONITE, WETTED with not less than 15% water, by mass; CYCLOTRIMETHYLENENITRILAMINE, WETTED with not less than 15% water, by mass; HEXOGEN, WETTED with not less than 15% water, by mass; or RDX, WETTED with not less than 15% water, by mass	1.1D	II	79	0	E0	75	10	Forbidden
UN0073	DETONATORS FOR AMMUNITION	1.1B	II		0	E0	75	10	Forbidden
UN0074	DIAZODINITROPHENOL, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	1.1A	II	79	0	E0	75	Forbidden	Forbidden
UN0075	DIETHYLENEGLYCOL DINITRATE, DESENSITIZED with not less than 25% non-volatile, water-insoluble phlegmatizer, by mass	1.1D	II	79	0	E0	75	10	Forbidden
UN0076	DINITROPHENOL, dry or wetted with less than 15% water, by mass	1.1D (6.1)	II		5	E0	75	10	Forbidden
UN0077	DINITROPHENOLATES, alkali metals, dry or wetted with less than 15% water, by mass	1.3C (6.1)	II		10	E0	75	10	Forbidden
UN0078	DINITRORESORCINOL, dry or wetted with less than 15% water, by mass	1.1D	II		5	E0	75	10	Forbidden

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/ Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN0079	HEXANITRODIPHENYLAMINE; DIPICRYLAMINE; or HEXYL	1.1D	II		0	E0	75	10	Forbidden
UN0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	II		25	E0	75	10	Forbidden
UN0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	II		25	E0	75	10	Forbidden
UN0083	EXPLOSIVE, BLASTING, TYPE C	1.1D	II	1	25	E0	75	10	Forbidden
UN0084	EXPLOSIVE, BLASTING, TYPE D	1.1D	II		25	E0	75	10	Forbidden
UN0092	FLARES, SURFACE	1.3G	II		25	E0		10	20
UN0093	FLARES, AERIAL	1.3G	II		10	E0		10	20
UN0094	FLASH POWDER	1.1G	II	76	5	E0	75	Forbidden	Forbidden
UN0099	FRACTURING DEVICES, EXPLOSIVE without detonator, for oil wells	1.1D	II		25	E0	75	10	Forbidden
UN0101	FUSE, NON-DETONATING	1.3G	II	76	25	E0		10	20
UN0102	CORD, DETONATING, metal clad; or FUSE, DETONATING, metal clad	1.2D	II		5	E0	75	10	Forbidden
UN0103	FUSE, IGNITER, tubular, metal clad	1.4G	II		0	E0		10	20
UN0104	CORD, DETONATING, MILD EFFECT, metal clad; or FUSE, DETONATING, MILD EFFECT, metal clad	1.4D	II		5	E0		10	3
UN0105	FUSE, SAFETY	1.4S	II	76	25	E0			
UN0106	FUZES, DETONATING	1.1B	II		0	E0	75	10	Forbidden
UN0107	FUZES, DETONATING	1.2B	II		0	E0	75	10	Forbidden
UN0110	GRENADES, PRACTICE, hand or rifle	1.4S	II		0	E0			
UN0113	GUANYL NITROSAMINOGUANYLIDENE HYDRAZINE, WETTED with not less than 30% water, by mass	1.1A	II	79	0	E0	75	Forbidden	Forbidden
UN0114	GUANYL NITROSAMINOGUANYLTETRAZENE, WETTED with not less than 30% water, or mixture of alcohol and water, by mass; or TETRAZENE, WETTED with not less than 30% water, or mixture of alcohol and water, by mass	1.1A	II	79	0	E0	75	Forbidden	Forbidden
UN0118	HEXOLITE, dry or wetted with less than 15% water, by mass; or HEXOTOL, dry or wetted with less than 15% water, by mass	1.1D	II		0	E0	75	10	Forbidden
UN0121	IGNITERS	1.1G	II	86	0	E0	5 000	100	100
UN0124	JET PERFORATING GUNS, CHARGED, oil well, without detonator	1.1D	II		0	E0	75	10	Forbidden
UN0129	LEAD AZIDE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1A	II	79	0	E0	75	Forbidden	Forbidden

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/ Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN0130	LEAD STYPHNATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass; or LEAD TRINITRORESORCINATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1A	II	79	0	E0	75	Forbidden	Forbidden
UN0131	LIGHTERS, FUSE	1.4S	II	86	0	E0			
UN0132	DEFLAGRATING METAL SALTS OF AROMATIC NITRODERIVATIVES, N.O.S.	1.3C	II		0	E0		10	Forbidden
UN0133	MANNITOL HEXANITRATE, WETTED with not less than 40% water, or mixture of alcohol and water, by mass; or NITROMANNITE, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	1.1D	II	79	0	E0	75	10	Forbidden
UN0135	MERCURY FULMINATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1A	II	79	0	E0	75	Forbidden	Forbidden
UN0136	MINES with bursting charge	1.1F	II		0	E0	75	Forbidden	Forbidden
UN0137	MINES with bursting charge	1.1D	II		0	E0	75	10	Forbidden
UN0138	MINES with bursting charge	1.2D	II		0	E0	75	10	Forbidden
UN0143	NITROGLYCERIN, DESENSITIZED with not less than 40% non-volatile water-insoluble phlegmatizer, by mass	1.1D (6.1)	II	79, 110	0	E0	75	10	Forbidden
UN0144	NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 10% nitroglycerin	1.1D	II		0	E0	75	10	Forbidden
UN0146	NITROSTARCH, dry or wetted with less than 20% water, by mass	1.1D	II		0	E0	75	10	Forbidden
UN0147	NITRO UREA	1.1D	II		0	E0	75	10	Forbidden
UN0150	PENTAERYTHRITE TETRANITRATE, DESENSITIZED with not less than 15% phlegmatizer, by mass; PENTAERYTHRITE TETRANITRATE, WETTED with not less than 25% water, by mass; PENTAERYTHRITOL TETRANITRATE, DESENSITIZED with not less than 15% phlegmatizer, by mass; PENTAERYTHRITOL TETRANITRATE, WETTED with not less than 25% water, by mass; PETN, DESENSITIZED with not less than 15% phlegmatizer, by mass; or PETN, WETTED with not less than 25% water, by mass	1.1D	II	79	0	E0	75	10	Forbidden
UN0151	PENTOLITE, dry or wetted with less than 15% water, by mass	1.1D	II		0	E0	75	10	Forbidden
UN0153	PICRAMIDE; or TRINITROANILINE	1.1D	II		0	E0	75	10	Forbidden

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/ Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN0154	PICRIC ACID, dry or wetted with less than 30% water, by mass; or TRINITROPHENOL, dry or wetted with less than 30% water, by mass	1.1D	II	10	0	E0	75	10	Forbidden
UN0155	PICRYL CHLORIDE; or TRINITROCHLOROBENZENE	1.1D	II	10	0	E0	75	10	Forbidden
UN0159	POWDER CAKE, WETTED with not less than 25% water, by mass; or POWDER PASTE, WETTED with not less than 25% water, by mass	1.3C	II	79	0	E0		10	Forbidden
UN0160	POWDER, SMOKELESS	1.1C	II		0	E0	75	10	Forbidden
UN0161	POWDER, SMOKELESS	1.3C	II	76	25	E0	1 000	10	Forbidden
UN0167	PROJECTILES with bursting charge	1.1F	II		0	E0	75	Forbidden	Forbidden
UN0168	PROJECTILES with bursting charge	1.1D	II		0	E0	75	10	Forbidden
UN0169	PROJECTILES with bursting charge	1.2D	II		0	E0	75	10	Forbidden
UN0171	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1.2G	II		0	E0	75	10	Forbidden
UN0173	RELEASE DEVICES, EXPLOSIVE	1.4S	II		25	E0			
UN0174	RIVETS, EXPLOSIVE	1.4S	II		25	E0			
UN0180	ROCKETS with bursting charge	1.1F	II		0	E0	75	Forbidden	Forbidden
UN0181	ROCKETS with bursting charge	1.1E	II		0	E0	75	10	Forbidden
UN0182	ROCKETS with bursting charge	1.2E	II		0	E0	75	10	Forbidden
UN0183	ROCKETS with inert head	1.3C	II		0	E0		10	Forbidden
UN0186	ROCKET MOTORS	1.3C	II		10	E0		10	Forbidden
UN0190	SAMPLES, EXPLOSIVE, other than initiating explosive		II	16	0	E0	75	Forbidden	Forbidden
UN0191	SIGNAL DEVICES, HAND	1.4G	II		25	E0		10	20
UN0192	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.1G	II		5	E0	75	10	Forbidden
UN0193	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.4S	II		25	E0			
UN0194	SIGNALS, DISTRESS, ship	1.1G	II		10	E0	75	10	Forbidden
UN0195	SIGNALS, DISTRESS, ship	1.3G	II		10	E0		10	20
UN0196	SIGNALS, SMOKE	1.1G	II		0	E0	75	10	Forbidden
UN0197	SIGNALS, SMOKE	1.4G	II	76	25	E0		10	20
UN0204	SOUNDING DEVICES, EXPLOSIVE	1.2F	II		0	E0	75	Forbidden	Forbidden
UN0207	TETRANITROANILINE	1.1D	II		0	E0	75	10	Forbidden
UN0208	TETRYL; or TRINITROPHENYLMETHYLNITRAMINE	1.1D	II		0	E0	75	10	Forbidden

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UN0209	TNT, dry or wetted with less than 30% water, by mass; or TRINITROTOLUENE, dry or wetted with less than 30% water, by mass	1.1D	II		25	E0	75	10	Forbidden
UN0212	TRACERS FOR AMMUNITION	1.3G	II		0	E0		10	Forbidden
UN0213	TRINITROANISOLE	1.1D	II		0	E0	75	10	Forbidden
UN0214	TRINITROBENZENE, dry or wetted with less than 30% water, by mass	1.1D	II	10	0	E0	75	10	Forbidden
UN0215	TRINITROBENZOIC ACID, dry or wetted with less than 30% water, by mass	1.1D	II	10	0	E0	75	10	Forbidden
UN0216	TRINITRO- <i>m</i> -CRESOL	1.1D	II		0	E0	75	10	Forbidden
UN0217	TRINITRONAPHTHALENE	1.1D	II		0	E0	75	10	Forbidden
UN0218	TRINITROPHENETOLE	1.1D	II		0	E0	75	10	Forbidden
UN0219	STYPHNIC ACID, dry or wetted with less than 20% water, or mixture of alcohol and water, by mass; or TRINITRORESORCINOL, dry or wetted with less than 20% water, or mixture of alcohol and water, by mass	1.1D	II		0	E0	75	10	Forbidden
UN0220	UREA NITRATE, dry or wetted with less than 20% water, by mass	1.1D	II		0	E0	75	10	Forbidden
UN0221	WARHEADS, TORPEDO with bursting charge	1.1D	II		0	E0	75	10	Forbidden
UN0222	AMMONIUM NITRATE	1.1D	II	140	0	E0	75	10	Forbidden
UN0224	BARIUM AZIDE, dry or wetted with less than 50% water, by mass	1.1A (6.1)	II		0	E0	75	Forbidden	Forbidden
UN0225	BOOSTERS WITH DETONATOR	1.1B	II		0	E0	75	10	Forbidden
UN0226	CYCLOTETRAMETHYLENETETRANITRAMINE, WETTED with not less than 15% water, by mass; HMX, WETTED with not less than 15% water, by mass; or OCTOGEN, WETTED with not less than 15% water, by mass	1.1D	II	79	0	E0	75	10	Forbidden
UN0234	SODIUM DINITRO- <i>o</i> -CRESOLATE, dry or wetted with less than 15% water, by mass	1.3C	II	10	0	E0		10	Forbidden
UN0235	SODIUM PICRAMATE, dry or wetted with less than 20% water, by mass	1.3C	II		0	E0		10	Forbidden
UN0236	ZIRCONIUM PICRAMATE, dry or wetted with less than 20% water, by mass	1.3C	II		0	E0		10	Forbidden
UN0237	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.4D	II		25	E0		10	3
UN0238	ROCKETS, LINE-THROWING	1.2G	II		5	E0	75	10	Forbidden
UN0240	ROCKETS, LINE-THROWING	1.3G	II		10	E0		10	20
UN0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	II		25	E0	75	10	Forbidden
UN0242	CHARGES, PROPELLING, FOR CANNON	1.3C	II		0	E0		10	Forbidden

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UN0243	AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.2H	II		0	E0	75	Forbidden	Forbidden
UN0244	AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.3H	II		0	E0		Forbidden	Forbidden
UN0245	AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.2H	II		0	E0	75	Forbidden	Forbidden
UN0246	AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.3H	II		0	E0		Forbidden	Forbidden
UN0247	AMMUNITION, INCENDIARY, liquid or gel, with burster, expelling charge or propelling charge	1.3J	II		0	E0		Forbidden	Forbidden
UN0248	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	1.2L	II	16	0	E0	75	Forbidden	Forbidden
UN0249	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	1.3L	II	16	0	E0		Forbidden	Forbidden
UN0250	ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	1.3L	II		0	E0		Forbidden	Forbidden
UN0254	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1.3G	II		0	E0		10	Forbidden
UN0255	DETONATORS, ELECTRIC for blasting	1.4B	II	76, 86	0	E0		100	100
UN0257	FUZES, DETONATING	1.4B	II		0	E0		10	3
UN0266	OCTOL, dry or wetted with less than 15% water, by mass; or OCTOLITE, dry or wetted with less than 15% water, by mass	1.1D	II		0	E0	75	10	Forbidden
UN0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	II	86	0	E0		100	100
UN0268	BOOSTERS WITH DETONATOR	1.2B	II		0	E0	75	10	Forbidden
UN0271	CHARGES, PROPELLING	1.1C	II		0	E0	75	10	Forbidden
UN0272	CHARGES, PROPELLING	1.3C	II		0	E0		10	Forbidden
UN0275	CARTRIDGES, POWER DEVICE	1.3C	II		25	E0		10	Forbidden
UN0276	CARTRIDGES, POWER DEVICE	1.4C	II		25	E0		10	3
UN0277	CARTRIDGES, OIL WELL	1.3C	II		25	E0		10	Forbidden
UN0278	CARTRIDGES, OIL WELL	1.4C	II		25	E0		10	3
UN0279	CHARGES, PROPELLING, FOR CANNON	1.1C	II		0	E0	75	10	Forbidden
UN0280	ROCKET MOTORS	1.1C	II		0	E0	75	10	Forbidden
UN0281	ROCKET MOTORS	1.2C	II		0	E0	75	10	Forbidden
UN0282	NITROGUANIDINE, dry or wetted with less than 20% water, by mass; or PICRITE, dry or wetted with less than 20% water, by mass	1.1D	II		0	E0	75	10	Forbidden
UN0283	BOOSTERS without detonator	1.2D	II		0	E0	75	10	Forbidden
UN0284	GRENADES, hand or rifle, with bursting charge	1.1D	II		0	E0	75	10	Forbidden
UN0285	GRENADES, hand or rifle, with bursting charge	1.2D	II		0	E0	75	10	Forbidden

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UN0286	WARHEADS, ROCKET with bursting charge	1.1D	II		0	E0	75	10	Forbidden
UN0287	WARHEADS, ROCKET with bursting charge	1.2D	II		0	E0	75	10	Forbidden
UN0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	II		25	E0	75	10	Forbidden
UN0289	CORD, DETONATING, flexible	1.4D	II		25	E0		10	3
UN0290	CORD, DETONATING, metal clad; or FUSE, DETONATING, metal clad	1.1D	II		5	E0	75	10	Forbidden
UN0291	BOMBS with bursting charge	1.2F	II		0	E0	75	Forbidden	Forbidden
UN0292	GRENADES, hand or rifle, with bursting charge	1.1F	II		0	E0	75	Forbidden	Forbidden
UN0293	GRENADES, hand or rifle, with bursting charge	1.2F	II		0	E0	75	Forbidden	Forbidden
UN0294	MINES with bursting charge	1.2F	II		0	E0	75	Forbidden	Forbidden
UN0295	ROCKETS with bursting charge	1.2F	II		0	E0	75	Forbidden	Forbidden
UN0296	SOUNDING DEVICES, EXPLOSIVE	1.1F	II		0	E0	75	Forbidden	Forbidden
UN0297	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1.4G	II		0	E0		10	20
UN0299	BOMBS, PHOTO-FLASH	1.3G	II		0	E0		10	Forbidden
UN0300	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.4G	II		0	E0		10	3
UN0301	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.4G (6.1) (8)	II		10	E0	75	Forbidden	20
UN0303	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.4G	II		0	E0		Forbidden	20
UN0305	FLASH POWDER	1.3G	II	76	5	E0	75	Forbidden	Forbidden
UN0306	TRACERS FOR AMMUNITION	1.4G	II		0	E0		10	20
UN0312	CARTRIDGES, SIGNAL	1.4G	II		25	E0		10	20
UN0313	SIGNALS, SMOKE	1.2G	II		0	E0	75	10	Forbidden
UN0314	IGNITERS	1.2G	II		0	E0	75	10	Forbidden
UN0315	IGNITERS	1.3G	II	86	0	E0	5 000	100	100
UN0316	FUZES, IGNITING	1.3G	II		0	E0		10	Forbidden
UN0317	FUZES, IGNITING	1.4G	II		0	E0		10	20
UN0318	GRENADES, PRACTICE, hand or rifle	1.3G	II		0	E0		10	Forbidden
UN0319	PRIMERS, TUBULAR	1.3G	II		0	E0		10	Forbidden
UN0320	PRIMERS, TUBULAR	1.4G	II		0	E0		10	20
UN0321	CARTRIDGES FOR WEAPONS with bursting charge	1.2E	II		0	E0	75	10	Forbidden
UN0322	ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	1.2L	II		0	E0	75	Forbidden	Forbidden
UN0323	CARTRIDGES, POWER DEVICE	1.4S	II	105	25	E0			
UN0324	PROJECTILES with bursting charge	1.2F	II		0	E0	75	Forbidden	Forbidden
UN0325	IGNITERS	1.4G	II	76, 86	0	E0		100	100

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UN0326	CARTRIDGES FOR WEAPONS, BLANK	1.1C	II		0	E0	75	10	Forbidden
UN0327	CARTRIDGES FOR WEAPONS, BLANK; or CARTRIDGES, SMALL ARMS, BLANK	1.3C	II		0	E0		10	Forbidden
UN0328	CARTRIDGES FOR WEAPONS, INERT PROJECTILE	1.2C	II		0	E0	75	10	Forbidden
UN0329	TORPEDOES with bursting charge	1.1E	II		0	E0	75	10	Forbidden
UN0330	TORPEDOES with bursting charge	1.1F	II		0	E0	75	Forbidden	Forbidden
UN0331	EXPLOSIVE, BLASTING, TYPE B; or AGENT, BLASTING, TYPE B	1.5D	II	147	25	E0	1 000	10	Forbidden
UN0332	EXPLOSIVE, BLASTING, TYPE E; or AGENT, BLASTING, TYPE E	1.5D	II		25	E0	1 000	10	Forbidden
UN0333	FIREWORKS	1.1G	II	4	0	E0	75	10	Forbidden
UN0334	FIREWORKS	1.2G	II	4	0	E0	75	10	Forbidden
UN0335	FIREWORKS	1.3G	II	4, 76	25	E0		10	20
UN0336	FIREWORKS	1.4G	II	5, 76	25	E0		10	20
UN0337	FIREWORKS	1.4S	II	5, 76	25	E0			
UN0338	CARTRIDGES FOR WEAPONS, BLANK; or CARTRIDGES, SMALL ARMS, BLANK	1.4C	II		25	E0		10	3
UN0339	CARTRIDGES FOR WEAPONS, INERT PROJECTILE; or CARTRIDGES, SMALL ARMS	1.4C	II		0	E0		10	3
UN0340	NITROCELLULOSE, dry or wetted with less than 25% water (or alcohol), by mass	1.1D	II		0	E0	75	10	Forbidden
UN0341	NITROCELLULOSE, unmodified or plasticized with less than 18% plasticizing substance, by mass	1.1D	II		0	E0	75	10	Forbidden
UN0342	NITROCELLULOSE, WETTED with not less than 25% alcohol, by mass	1.3C	II		0	E0		10	Forbidden
UN0343	NITROCELLULOSE, PLASTICIZED with not less than 18% plasticizing substance, by mass	1.3C	II		0	E0		10	Forbidden
UN0344	PROJECTILES with bursting charge	1.4D	II		0	E0		10	3
UN0345	PROJECTILES, inert with tracer	1.4S	II		0	E0			
UN0346	PROJECTILES with burster or expelling charge	1.2D	II		0	E0	75	10	Forbidden
UN0347	PROJECTILES with burster or expelling charge	1.4D	II		0	E0		10	3
UN0348	CARTRIDGES FOR WEAPONS with bursting charge	1.4F	II		0	E0		Forbidden	Forbidden

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UN0349	ARTICLES, EXPLOSIVE, N.O.S.	1.4S	II	16, 76, 86	0	E0			100
UN0350	ARTICLES, EXPLOSIVE, N.O.S.	1.4B	II	16	0	E0		10	100
UN0351	ARTICLES, EXPLOSIVE, N.O.S.	1.4C	II	16	0	E0		10	3
UN0352	ARTICLES, EXPLOSIVE, N.O.S.	1.4D	II	16	0	E0		10	3
UN0353	ARTICLES, EXPLOSIVE, N.O.S.	1.4G	II	16	0	E0		10	20
UN0354	ARTICLES, EXPLOSIVE, N.O.S.	1.1L	II	16	0	E0	75	Forbidden	Forbidden
UN0355	ARTICLES, EXPLOSIVE, N.O.S.	1.2L	II	16	0	E0	75	Forbidden	Forbidden
UN0356	ARTICLES, EXPLOSIVE, N.O.S.	1.3L	II	16	0	E0		Forbidden	Forbidden
UN0357	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1L	II	16	0	E0	75	Forbidden	Forbidden
UN0358	SUBSTANCES, EXPLOSIVE, N.O.S.	1.2L	II	16	0	E0	75	Forbidden	Forbidden
UN0359	SUBSTANCES, EXPLOSIVE, N.O.S.	1.3L	II	16	0	E0		Forbidden	Forbidden
UN0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	II	86	0	E0	5 000	100	100
UN0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	II	86	0	E0		100	100
UN0362	AMMUNITION, PRACTICE	1.4G	II		0	E0		10	20
UN0363	AMMUNITION, PROOF	1.4G	II		0	E0		10	20
UN0364	DETONATORS FOR AMMUNITION	1.2B	II		0	E0	75	10	Forbidden
UN0365	DETONATORS FOR AMMUNITION	1.4B	II		0	E0		10	
UN0366	DETONATORS FOR AMMUNITION	1.4S	II	105	0	E0			
UN0367	FUZES, DETONATING	1.4S	II	86	0	E0			100
UN0368	FUZES, IGNITING	1.4S	II	86	0	E0			100
UN0369	WARHEADS, ROCKET with bursting charge	1.1F	II		0	E0	75	Forbidden	Forbidden
UN0370	WARHEADS, ROCKET with burster or expelling charge	1.4D	II		0	E0		10	3
UN0371	WARHEADS, ROCKET with burster or expelling charge	1.4F	II		0	E0		Forbidden	Forbidden
UN0372	GRENADES, PRACTICE, hand or rifle	1.2G	II		0	E0	75	10	Forbidden
UN0373	SIGNAL DEVICES, HAND	1.4S	II		25	E0			
UN0374	SOUNDING DEVICES, EXPLOSIVE	1.1D	II		0	E0	75	10	Forbidden
UN0375	SOUNDING DEVICES, EXPLOSIVE	1.2D	II		0	E0	75	10	Forbidden
UN0376	PRIMERS, TUBULAR	1.4S	II		0	E0			
UN0377	PRIMERS, CAP TYPE	1.1B	II		0	E0	75	10	Forbidden
UN0378	PRIMERS, CAP TYPE	1.4B	II		0	E0		10	3
UN0379	CASES, CARTRIDGE, EMPTY, WITH PRIMER	1.4C	II		25	E0		10	3
UN0380	ARTICLES, PYROPHORIC	1.2L	II		0	E0	75	Forbidden	Forbidden
UN0381	CARTRIDGES, POWER DEVICE	1.2C	II		25	E0	75	10	Forbidden
UN0382	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.2B	II	16	0	E0	75	10	Forbidden
UN0383	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.4B	II	16	0	E0		10	
UN0384	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.4S	II	16	0	E0			

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UN0385	5-NITROBENZOTRIAZOL	1.1D	II		0	E0	75	10		Forbidden	
UN0386	TRINITROBENZENESULFONIC ACID; or TRINITROBENZENESULPHONIC ACID	1.1D	II		0	E0	75	10		Forbidden	
UN0387	TRINITROFLUORENONE	1.1D	II		0	E0	75	10		Forbidden	
UN0388	TNT AND HEXANITROSTILBENE MIXTURE; TNT AND TRINITROBENZENE MIXTURE; TRINITROTOLUENE AND HEXANITROSTILBENE MIXTURE; or TRINITROTOLUENE AND TRINITROBENZENE MIXTURE	1.1D	II		0	E0	75	10		Forbidden	
UN0389	TNT MIXTURE CONTAINING TRINITROBENZENE AND HEXANITROSTILBENE; or TRINITROTOLUENE MIXTURE CONTAINING TRINITROBENZENE AND HEXANITROSTILBENE	1.1D	II		0	E0	75	10		Forbidden	
UN0390	TRITONAL	1.1D	II		0	E0	75	10		Forbidden	
UN0391	CYCLONITE and CYCLOTETRAMETHYLENE-TETRANITRAMINE MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass;  CYCLONITE and CYCLOTETRAMETHYLENE-TETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass;  CYCLONITE and HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass;  CYCLONITE and HMX MIXTURE, WETTED with not less than 15% water, by mass;  CYCLONITE and OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass;  CYCLONITE and OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass;  CYCLOTRIMETHYLENENITRITRAMINE AND CYCLOTETRAMETHYLENETRANITRAMINE MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass;  CYCLOTRIMETHYLENENITRITRAMINE AND CYCLOTETRAMETHYLENETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass;  CYCLOTRIMETHYLENENITRITRAMINE AND HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass;  CYCLOTRIMETHYLENENITRITRAMINE AND HMX MIXTURE, WETTED with not less than 15% water, by mass;  CYCLOTRIMETHYLENENITRITRAMINE AND OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass;	1.1D	II	79	0	E0	75	10		Forbidden	

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	CYCLOTRIMETHYLENENITRITRAMINE AND OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass;  HEXOGEN AND CYCLOTETRAMETHYLENE-TETRANITRAMINE MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass;  HEXOGEN AND CYCLOTETRAMETHYLENE-TETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass;  HEXOGEN AND HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass;  HEXOGEN AND HMX MIXTURE, WETTED with not less than 15% water, by mass;  HEXOGEN AND OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass;  HEXOGEN AND OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass;  RDX AND CYCLOTETRAMETHYLENETETRANITRAMINE MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass;  RDX AND CYCLOTETRAMETHYLENETETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass;  RDX AND HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass;  RDX AND HMX MIXTURE, WETTED with not less than 15% water, by mass;  RDX AND OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass; or  RDX AND OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass										
UN0392	HEXANITROSTILBENE	1.1D	II		0	E0	75	10	Forbidden		
UN0393	HEXOTONAL	1.1D	II		0	E0	75	10	Forbidden		
UN0394	STYPHNIC ACID, WETTED with not less than 20% water, or mixture of alcohol and water, by mass; or TRINITRORESORCINOL, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1D	II		0	E0	75	10	Forbidden		
UN0395	ROCKET MOTORS, LIQUID FUELLED	1.2J	II		0	E0	75	Forbidden	Forbidden		
UN0396	ROCKET MOTORS, LIQUID FUELLED	1.3J	II		0	E0		Forbidden	Forbidden		
UN0397	ROCKETS, LIQUID FUELLED with bursting charge	1.1J	II		0	E0	75	Forbidden	Forbidden		
UN0398	ROCKETS, LIQUID FUELLED with bursting charge	1.2J	II		0	E0	75	Forbidden	Forbidden		

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN0399	BOMBS WITH FLAMMABLE LIQUID with bursting charge	1.1J	II		0	E0	75	Forbidden	Forbidden
UN0400	BOMBS WITH FLAMMABLE LIQUID with bursting charge	1.2J	II		0	E0	75	Forbidden	Forbidden
UN0401	DIPICRYL SULFIDE, dry or wetted with less than 10% water, by mass; or DIPICRYL SULPHIDE, dry or wetted with less than 10% water, by mass	1.1D	II	10	5	E0	75	10	Forbidden
UN0402	AMMONIUM PERCHLORATE	1.1D	II		5	E0	75	10	Forbidden
UN0403	FLARES, AERIAL	1.4G	II		25	E0		10	20
UN0404	FLARES, AERIAL	1.4S	II		25	E0			
UN0405	CARTRIDGES, SIGNAL	1.4S	II		25	E0			
UN0406	DINITROSOBENZENE	1.3C	II		10	E0		10	Forbidden
UN0407	TETRAZOL-1-ACETIC ACID	1.4C	II		0	E0		10	Forbidden
UN0408	FUZES, DETONATING with protective features	1.1D	II		0	E0	75	10	Forbidden
UN0409	FUZES, DETONATING with protective features	1.2D	II		0	E0	75	10	Forbidden
UN0410	FUZES, DETONATING with protective features	1.4D	II		0	E0		10	Forbidden
UN0411	PENTAERYTHRITE TETRANITRATE with not less than 7% wax, by mass; PENTAERYTHRITOL TETRANITRATE with not less than 7% wax, by mass; or PETN with not less than 7% wax, by mass	1.1D	II		0	E0	75	10	Forbidden
UN0412	CARTRIDGES FOR WEAPONS with bursting charge	1.4E	II		0	E0		10	3
UN0413	CARTRIDGES FOR WEAPONS, BLANK	1.2C	II		0	E0	75	10	Forbidden
UN0414	CHARGES, PROPELLING, FOR CANNON	1.2C	II		0	E0	75	10	Forbidden
UN0415	CHARGES, PROPELLING	1.2C	II		0	E0	75	10	Forbidden
UN0417	CARTRIDGES FOR WEAPONS, INERT PROJECTILE; or CARTRIDGES, SMALL ARMS	1.3C	II		0	E0		10	Forbidden
UN0418	FLARES, SURFACE	1.1G	II		0	E0	75	10	Forbidden
UN0419	FLARES, SURFACE	1.2G	II		0	E0	75	10	Forbidden
UN0420	FLARES, AERIAL	1.1G	II		0	E0	75	10	Forbidden
UN0421	FLARES, AERIAL	1.2G	II		0	E0	75	10	Forbidden
UN0424	PROJECTILES, inert with tracer	1.3G	II		0	E0		10	Forbidden
UN0425	PROJECTILES, inert with tracer	1.4G	II		0	E0		10	20
UN0426	PROJECTILES with burster or expelling charge	1.2F	II		0	E0	75	Forbidden	Forbidden
UN0427	PROJECTILES with burster or expelling charge	1.4F	II		0	E0		Forbidden	Forbidden
UN0428	ARTICLES, PYROTECHNIC for technical purposes	1.1G	II	4	0	E0	75	10	Forbidden

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UN0429	ARTICLES, PYROTECHNIC for technical purposes	1.2G	II	4	0	E0	75	10	Forbidden
UN0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	II	4, 76	25	E0		10	Forbidden
UN0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G	II	5, 76	25	E0		10	20
UN0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	II	5, 76	25	E0			
UN0433	POWDER CAKE, WETTED with not less than 17% alcohol, by mass; or POWDER PASTE, WETTED with not less than 17% alcohol, by mass	1.1C	II	79	0	E0	75	10	Forbidden
UN0434	PROJECTILES with burster or expelling charge	1.2G	II		0	E0	75	10	Forbidden
UN0435	PROJECTILES with burster or expelling charge	1.4G	II		0	E0		10	20
UN0436	ROCKETS with expelling charge	1.2C	II		0	E0	75	10	Forbidden
UN0437	ROCKETS with expelling charge	1.3C	II		0	E0		10	Forbidden
UN0438	ROCKETS with expelling charge	1.4C	II		0	E0		10	3
UN0439	CHARGES, SHAPED, without detonator	1.2D	II		25	E0	75	10	Forbidden
UN0440	CHARGES, SHAPED, without detonator	1.4D	II		25	E0		10	3
UN0441	CHARGES, SHAPED, without detonator	1.4S	II	105	25	E0			
UN0442	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.1D	II		25	E0	75	10	Forbidden
UN0443	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.2D	II		25	E0	75	10	Forbidden
UN0444	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.4D	II		25	E0		10	3
UN0445	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.4S	II	105	25	E0			
UN0446	CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	1.4C	II		0	E0		10	3
UN0447	CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	1.3C	II		0	E0		10	Forbidden
UN0448	5-MERCAPTOTETRAZOL-1-ACETIC ACID	1.4C	II		0	E0		10	Forbidden
UN0449	TORPEDOES, LIQUID FUELLED with or without bursting charge	1.1J	II		0	E0	75	Forbidden	Forbidden
UN0450	TORPEDOES, LIQUID FUELLED with inert head	1.3J	II		0	E0		Forbidden	Forbidden
UN0451	TORPEDOES with bursting charge	1.1D	II		0	E0	75	10	Forbidden
UN0452	GRENADES, PRACTICE, hand or rifle	1.4G	II		0	E0		10	Forbidden
UN0453	ROCKETS, LINE-THROWING	1.4G	II		25	E0		10	20
UN0454	IGNITERS	1.4S	II	76, 86	0	E0			100
UN0455	DETONATORS, NON-ELECTRIC for blasting	1.4S	II	86, 105	0	E0			100
UN0456	DETONATORS, ELECTRIC for blasting	1.4S	II	86, 105	0	E0			100
UN0457	CHARGES, BURSTING, PLASTICS BONDED	1.1D	II		0	E0	75	10	Forbidden

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UN0458	CHARGES, BURSTING, PLASTICS BONDED	1.2D	II		0	E0	75	10	Forbidden
UN0459	CHARGES, BURSTING, PLASTICS BONDED	1.4D	II		0	E0		10	3
UN0460	CHARGES, BURSTING, PLASTICS BONDED	1.4S	II	105	0	E0			
UN0461	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.1B	II	16	0	E0	75	10	Forbidden
UN0462	ARTICLES, EXPLOSIVE, N.O.S.	1.1C	II	16	0	E0	75	10	Forbidden
UN0463	ARTICLES, EXPLOSIVE, N.O.S.	1.1D	II	16	0	E0	75	10	Forbidden
UN0464	ARTICLES, EXPLOSIVE, N.O.S.	1.1E	II	16	0	E0	75	10	Forbidden
UN0465	ARTICLES, EXPLOSIVE, N.O.S.	1.1F	II	16	0	E0	75	Forbidden	Forbidden
UN0466	ARTICLES, EXPLOSIVE, N.O.S.	1.2C	II	16	0	E0	75	10	Forbidden
UN0467	ARTICLES, EXPLOSIVE, N.O.S.	1.2D	II	16	0	E0	75	10	Forbidden
UN0468	ARTICLES, EXPLOSIVE, N.O.S.	1.2E	II	16	0	E0	75	10	Forbidden
UN0469	ARTICLES, EXPLOSIVE, N.O.S.	1.2F	II	16	0	E0	75	Forbidden	Forbidden
UN0470	ARTICLES, EXPLOSIVE, N.O.S.	1.3C	II	16	0	E0		10	Forbidden
UN0471	ARTICLES, EXPLOSIVE, N.O.S.	1.4E	II	16	0	E0		10	3
UN0472	ARTICLES, EXPLOSIVE, N.O.S.	1.4F	II	16	0	E0		Forbidden	Forbidden
UN0473	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1A	II	16	0	E0	75	Forbidden	Forbidden
UN0474	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1C	II	16	0	E0	75	10	Forbidden
UN0475	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1D	II	16	0	E0	75	10	Forbidden
UN0476	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1G	II	16	0	E0	75	Forbidden	Forbidden
UN0477	SUBSTANCES, EXPLOSIVE, N.O.S.	1.3C	II	16	0	E0		10	Forbidden
UN0478	SUBSTANCES, EXPLOSIVE, N.O.S.	1.3G	II	16	0	E0		Forbidden	Forbidden
UN0479	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4C	II	16	0	E0		10	3
UN0480	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4D	II	16	0	E0		10	3
UN0481	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4S	II	16	0	E0			20
UN0482	SUBSTANCES, EVI, N.O.S.; or SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE, N.O.S.	1.5D	II	16	0	E0	1 000	10	Forbidden
UN0483	CYCLONITE, DESENSITIZED; CYCLOTRIMETHYLENENITRITRAMINE, DESENSITIZED; HEXOGEN, DESENSITIZED; or RDX, DESENSITIZED	1.1D	II		0	E0	75	10	Forbidden
UN0484	CYCLOTETRAMETHYLENETETRANITRAMINE, DESENSITIZED; HMX, DESENSITIZED; or OCTOGEN, DESENSITIZED	1.1D	II		0	E0	75	10	Forbidden
UN0485	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4G	II	16	0	E0		Forbidden	3

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UN0486	ARTICLES, EEE; or ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE	1.6N	II		0	E0		50	Forbidden
UN0487	SIGNALS, SMOKE	1.3G	II		10	E0		10	20
UN0488	AMMUNITION, PRACTICE	1.3G	II		0	E0		10	Forbidden
UN0489	DINGU; or DINITROGLYCOLURIL	1.1D	II		0	E0	75	10	Forbidden
UN0490	NITROTRIAZOLONE; or NTO	1.1D	II		0	E0	75	10	Forbidden
UN0491	CHARGES, PROPELLING	1.4C	II		0	E0		10	3
UN0492	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.3G	II		10	E0		10	Forbidden
UN0493	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.4G	II		25	E0		10	20
UN0494	JET PERFORATING GUNS, CHARGED, oil well, without detonator	1.4D	II		0	E0		10	3
UN0495	PROPELLANT, LIQUID	1.3C	II		0	E0		10	Forbidden
UN0496	OCTONAL	1.1D	II		0	E0	75	10	Forbidden
UN0497	PROPELLANT, LIQUID	1.1C	II		0	E0	75	10	Forbidden
UN0498	PROPELLANT, SOLID	1.1C	II		0	E0	75	10	Forbidden
UN0499	PROPELLANT, SOLID	1.3C	II	76	25	E0		10	Forbidden
UN0500	DETONATOR ASSEMBLIES, NON-ELECTRIC, for blasting	1.4S	II	86, 105	0	E0			100
UN0501	PROPELLANT, SOLID	1.4C	II		0	E0		10	Forbidden
UN0502	ROCKETS with inert head	1.2C	II		0	E0	75	10	Forbidden
UN0503	SAFETY DEVICES, PYROTECHNIC	1.4G	II	25, 135	25	E0		50	Forbidden
UN0504	1H-TETRAZOLE	1.1D	II		0	E0	75	10	Forbidden
UN0505	SIGNALS, DISTRESS, ship	1.4G	II		25	E0		10	20
UN0506	SIGNALS, DISTRESS, ship	1.4S	II		25	E0			
UN0507	SIGNALS, SMOKE	1.4S	II		25	E0			
UN0508	1-HYDROXYBENZOTRIAZOLE, ANHYDROUS, <small>SOR/2016-05</small> dry or wetted with less than 20% water, by mass	1.3C	II		0	E0		10	Forbidden
UN0509	POWDER, SMOKELESS	1.4C	II		25	E0		10	Forbidden
UN0510	ROCKET MOTORS	1.4C	II		25	E0		10	3
UN1001	ACETYLENE, DISSOLVED	2.1		38	0	E0		75	Forbidden
UN1002	AIR, COMPRESSED, with not more than 23.5% oxygen, by volume	2.2			0.125 L	E1			75 L
UN1003	AIR, REFRIGERATED LIQUID	2.2 (5.1)			0.125 L	E0	3 000	Forbidden	Forbidden

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UN1005 <i>SOR/2017-137</i>	AMMONIA, ANHYDROUS; or ANHYDROUS AMMONIA	2.3 (8)		23, 158	0	E0	3 000	Forbidden	Forbidden
UN1006	ARGON, COMPRESSED	2.2		148	0.125 L	E1			75 L
UN1008	BORON TRIFLUORIDE	2.3 (8)		23, 145	0	E0	50	Forbidden	Forbidden
UN1009	BROMOTRIFLUOROMETHANE; or REFRIGERANT GAS R 13B1	2.2			0.125 L	E1			75 L
UN1010 <i>SOR/2017-137</i>	BUTADIENES, STABILIZED; or BUTADIENES AND HYDROCARBON MIXTURE, STABILIZED, containing more than 40% butadienes	2.1		155	0.125 L	E0	3 000		Forbidden
UN1011	BUTANE	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN1012	BUTYLENE	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN1013	CARBON DIOXIDE	2.2		148	0.125 L	E1			75 L
UN1016	CARBON MONOXIDE, COMPRESSED	2.3 (2.1)		23	0	E0	500	Forbidden	Forbidden
UN1017	CHLORINE	2.3 (5.1) (8)		23	0	E0	500	Forbidden	Forbidden
UN1018	CHLORODIFLUOROMETHANE; or REFRIGERANT GAS R 22	2.2			0.125 L	E1			75 L
UN1020	CHLOROPENTAFLUOROETHANE; or REFRIGERANT GAS R 115	2.2			0.125 L	E1			75 L
UN1021	1-CHLORO-1,2,2,2-TETRAFLUOROETHANE; or REFRIGERANT GAS R 124	2.2			0.125 L	E1			75 L
UN1022	CHLOROTRIFLUOROMETHANE; or REFRIGERANT GAS R 13	2.2			0.125 L	E1			75 L
UN1023	COAL GAS, COMPRESSED	2.3 (2.1)		23	0	E0	500	Forbidden	Forbidden
UN1026	CYANOGEN	2.3 (2.1)		23, 28	0	E0	25	Forbidden	Forbidden
UN1027	CYCLOPROPANE	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN1028	DICHLORODIFLUOROMETHANE; or REFRIGERANT GAS R 12	2.2			0.125 L	E1			75 L
UN1029	DICHLOROFLUOROMETHANE; or REFRIGERANT GAS R 21	2.2			0.125 L	E1			75 L

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UN1030	1,1-DIFLUOROETHANE; or REFRIGERANT GAS R 152a	2.1			0.125 L	E0	3 000		Forbidden
UN1032	DIMETHYLAMINE, ANHYDROUS	2.1			0	E0	3 000	Forbidden	Forbidden
UN1033	DIMETHYL ETHER	2.1			0.125 L	E0	3 000		Forbidden
UN1035	ETHANE	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN1036	ETHYLAMINE	2.1			0	E0	3 000	Forbidden	Forbidden
UN1037	ETHYL CHLORIDE	2.1			0	E0	3 000		Forbidden
UN1038	ETHYLENE, REFRIGERATED LIQUID	2.1			0	E0	3 000	Forbidden	Forbidden
UN1039	ETHYL METHYL ETHER	2.1			0	E0	3 000		Forbidden
UN1040	ETHYLENE OXIDE; or ETHYLENE OXIDE WITH NITROGEN up to a total pressure of 1 MPa (10 bar) at 50°C	2.3 (2.1)		23	0	E0	500	Forbidden	Forbidden
UN1041	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 9% but not more than 87% ethylene oxide	2.1			0	E0	3 000		Forbidden
UN1043	FERTILIZER AMMONIATING SOLUTION with free ammonia	2.2			0.125 L	E0		Forbidden	Forbidden
UN1044	FIRE EXTINGUISHERS with compressed or liquefied gas	2.2		109	0.125 L	E0			75 L
UN1045	FLUORINE, COMPRESSED	2.3 (5.1) (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN1046	HELIUM, COMPRESSED	2.2		148	0.125 L	E1			75 L
UN1048	HYDROGEN BROMIDE, ANHYDROUS	2.3 (8)		23	0	E0	500	Forbidden	Forbidden
UN1049	HYDROGEN, COMPRESSED	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN1050	HYDROGEN CHLORIDE, ANHYDROUS	2.3 (8)		23, 38	0	E0	500	Forbidden	Forbidden
UN1051	HYDROGEN CYANIDE, STABILIZED, containing less than 3% water	6.1 (3)	I	23, 155	0	E0	1 000	Forbidden	Forbidden
UN1052	HYDROGEN FLUORIDE, ANHYDROUS	8 (6.1)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1053	HYDROGEN SULFIDE; or HYDROGEN SULPHIDE	2.3 (2.1)		23	0	E0	500	Forbidden	Forbidden
UN1055	ISOBUTYLENE	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN1056	KRYPTON, COMPRESSED	2.2		148	0.125 L	E1			75 L
UN1057	LIGHTER REFILLS containing flammable gas and capable of passing the tests specified in the <i>Lighters Regulations</i> ; or LIGHTERS containing flammable gas and capable of passing the tests specified in the <i>Lighters Regulations</i>	2.1			0.125 L	E0			1 L

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1058	LIQUEFIED GASES, non-flammable, charged with nitrogen, carbon dioxide or air	2.2		38	0.125 L	E1			75 L
UN1060 <small>SOR/2017-137</small>	METHYLACETYLENE AND PROPADIENE MIXTURE, STABILIZED	2.1		155	0.125 L	E0	3 000		Forbidden
UN1061	METHYLAMINE, ANHYDROUS	2.1			0.125 L	E0	3 000		Forbidden
UN1062	METHYL BROMIDE with not more than 2% chloropicrin	2.3		23	0	E0	50	Forbidden	Forbidden
UN1063	METHYL CHLORIDE; or REFRIGERANT GAS R 40	2.1			0.125 L	E0	3 000	Forbidden	5 kg
UN1064	METHYL MERCAPTAN	2.3 (2.1)		23	0	E0	500	Forbidden	Forbidden
UN1065	NEON, COMPRESSED	2.2		148	0.125 L	E1			75 L
UN1066	NITROGEN, COMPRESSED	2.2		148	0.125 L	E1			75 L
UN1067	DINITROGEN TETROXIDE; or NITROGEN DIOXIDE	2.3 (5.1) (8)		23	0	E0	25	Forbidden	Forbidden
UN1069	NITROSYL CHLORIDE	2.3 (8)		23	0	E0	25	Forbidden	Forbidden
UN1070	NITROUS OXIDE	2.2 (5.1)			0	E0	3 000		75 L
UN1071	OIL GAS, COMPRESSED	2.3 (2.1)		23	0	E0	25	Forbidden	Forbidden
UN1072	OXYGEN, COMPRESSED	2.2 (5.1)			0.125 L	E0	3 000		75 L
UN1073	OXYGEN, REFRIGERATED LIQUID	2.2 (5.1)		87	0	E0	3 000	450	Forbidden
UN1075	LIQUEFIED PETROLEUM GASES; or PETROLEUM GASES, LIQUEFIED	2.1			0.125 L	E0	3 000	110	Forbidden
UN1076	PHOSGENE	2.3 (8)		23	0	E0	25	Forbidden	Forbidden
UN1077	PROPYLENE	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN1078	REFRIGERANT GAS, N.O.S.	2.2		16	0.125 L	E1			75 L
UN1079	SULFUR DIOXIDE; or SULPHUR DIOXIDE	2.3 (8)		23	0	E0	500	Forbidden	Forbidden
UN1080	SULFUR HEXAFLUORIDE; or SULPHUR HEXAFLUORIDE	2.2			0.125 L	E1			75 L
UN1081 <small>SOR/2017-137</small>	TETRAFLUOROETHYLENE, STABILIZED	2.1		38, 155	0.125 L	E0	3 000	Forbidden	Forbidden
UN1082 <small>SOR/2017-137</small>	TRIFLUOROCHLOROETHYLENE, STABILIZED; or REFRIGERANT GAS R 1113	2.3 (2.1)		23, 155	0	E0	500	Forbidden	Forbidden
UN1083	TRIMETHYLAMINE, ANHYDROUS	2.1			0.125 L	E0	3 000		Forbidden

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1085 <i>SOR/2017-137</i>	VINYL BROMIDE, STABILIZED	2.1		155	0.125 L	E0	3 000		Forbidden
UN1086 <i>SOR/2017-137</i>	VINYL CHLORIDE, STABILIZED	2.1		155	0.125 L	E0	3 000		Forbidden
UN1087 <i>SOR/2017-137</i>	VINYL METHYL ETHER, STABILIZED	2.1		155	0.125 L	E0	3 000		Forbidden
UN1088	ACETAL	3	II		1 L	E2		Forbidden	5 L
UN1089	ACETALDEHYDE	3	I		0	E0	3 000	Forbidden	Forbidden
UN1090	ACETONE	3	II		1 L	E2		Forbidden	5 L
UN1091	ACETONE OILS	3	II		1 L	E2			5 L
UN1092 <i>SOR/2017-137</i>	ACROLEIN, STABILIZED	6.1 (3)	I	23, 155	0	E0	1 000	Forbidden	Forbidden
UN1093 <i>SOR/2017-137</i>	ACRYLONITRILE, STABILIZED	3 (6.1)	I	155	0	E0	1 000	Forbidden	Forbidden
UN1098	ALLYL ALCOHOL	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1099	ALLYL BROMIDE	3 (6.1)	I		0	E0	1 000		Forbidden
UN1100	ALLYL CHLORIDE	3 (6.1)	I		0	E0	1 000	Forbidden	Forbidden
UN1104	AMYL ACETATES	3	III		5 L	E1			60 L
UN1105	PENTANOLS	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN1106	AMYLAMINE	3 (8)	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1107	AMYL CHLORIDE	3	II		1 L	E2			5 L
UN1108	<i>n</i> -AMYLENE; or 1-PENTENE	3	I		0	E3		Forbidden	1 L
UN1109	AMYL FORMATES	3	III		5 L	E1			60 L
UN1110	<i>n</i> -AMYL METHYL KETONE	3	III		5 L	E1			60 L
UN1111	AMYL MERCAPTAN	3	II		1 L	E2			5 L
UN1112	AMYL NITRATES	3	III		5 L	E1			60 L
UN1113	AMYL NITRITES	3	II		1 L	E2		Forbidden	5 L
UN1114	BENZENE	3	II		1 L	E2			5 L
UN1120	BUTANOLS	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN1123	BUTYL ACETATES	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN1125	<i>n</i> -BUTYLAmine	3 (8)	II		1 L	E2			1 L
UN1126	1-BROMOBUTANE	3	II		1 L	E2			5 L
UN1127	CHLOROBUTANES	3	II		1 L	E2			5 L

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1128	<i>n</i> -BUTYL FORMATE	3	II		1 L	E2			5 L
UN1129	BUTYRALDEHYDE	3	II		1 L	E2			5 L
UN1130	CAMPHOR OIL	3	III		5 L	E1			60 L
UN1131	CARBON DISULFIDE; or CARBON DISULPHIDE	3 (6.1)	I		0	E0	1 000	Forbidden	Forbidden
UN1133	ADHESIVES containing flammable liquid	3	I		0.5 L	E3		Forbidden	1 L
			II		5 L	E2			5 L
			III		5 L	E1			60 L
UN1134	CHLOROBENZENE	3	III		5 L	E1			60 L
UN1135	ETHYLENE CHLOROHYDRIN	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1136	COAL TAR DISTILLATES, FLAMMABLE	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle undercoating, drum or barrel lining)	3	I		0.5 L	E3		Forbidden	1 L
			II		5 L	E2			5 L
			III		5 L	E1			60 L
UN1143 <small>SOR/2017-137</small>	CROTONALDEHYDE; or CROTONALDEHYDE, STABILIZED	6.1 (3)	I	23, 155	0	E0	1 000	Forbidden	Forbidden
UN1144	CROTONYLENE	3	I		0	E3		Forbidden	1 L
UN1145	CYCLOHEXANE	3	II		1 L	E2		Forbidden	5 L
UN1146	CYCLOPENTANE	3	II		1 L	E2		Forbidden	5 L
UN1147	DECAHYDRONAPHTHALENE	3	III		5 L	E1			60 L
UN1148	DIACETONE ALCOHOL	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN1149	DIBUTYL ETHERS	3	III		5 L	E1			60 L
UN1150	1,2-DICHLOROETHYLENE	3	II		1 L	E2			5 L
UN1152	DICHLOROPENTANES	3	III		5 L	E1			60 L
UN1153	ETHYLENE GLYCOL DIETHYL ETHER	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN1154	DIETHYLAMINE	3 (8)	II		1 L	E2		Forbidden	1 L
UN1155	DIETHYL ETHER; or ETHYL ETHER	3	I		0	E3		Forbidden	1 L
UN1156	DIETHYL KETONE	3	II		1 L	E2			5 L
UN1157	DIISOBUTYL KETONE	3	III		5 L	E1			60 L
UN1158	DIISOPROPYLAMINE	3 (8)	II		1 L	E2			1 L
UN1159	DIISOPROPYL ETHER	3	II		1 L	E2		Forbidden	5 L

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1160	DIMETHYLAMINE, AQUEOUS SOLUTION	3 (8)	II		1 L	E2			1 L
UN1161	DIMETHYL CARBONATE	3	II		1 L	E2			5 L
UN1162	DIMETHYLDICHLOROSILANE	3 (8)	II		0	E0	1 000		1 L
UN1163	DIMETHYLHYDRAZINE, UNSYMMETRICAL	6.1 (3) (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1164	DIMETHYL SULFIDE; or DIMETHYL SULPHIDE	3	II		1 L	E2		Forbidden	5 L
UN1165	DIOXANE	3	II		1 L	E2			5 L
UN1166	DIOXOLANE	3	II		1 L	E2			5 L
UN1167 <i>SOR/2017-137</i>	DIVINYL ETHER, STABILIZED	3	I	155	0	E3		Forbidden	1 L
UN1169	EXTRACTS, AROMATIC, LIQUID	3	II		5 L	E2			5 L
			III		5 L	E1			60 L
UN1170 <i>SOR/2015-100</i>	ETHANOL with more than 24% ethanol, by volume; ETHANOL SOLUTION with more than 24% ethanol, by volume; ETHYL ALCOHOL with more than 24% ethanol, by volume; or ETHYL ALCOHOL SOLUTION with more than 24% ethanol, by volume	3	II	150	1 L	E2			5 L
			III	150	5 L	E1			60 L
UN1171	ETHYLENE GLYCOL MONOETHYL ETHER	3	III		5 L	E1			60 L
UN1172	ETHYLENE GLYCOL MONOETHYL ETHER ACETATE	3	III		5 L	E1			60 L
UN1173	ETHYL ACETATE	3	II		1 L	E2			5 L
UN1175	ETHYLBENZENE	3	II		1 L	E2			5 L
UN1176	ETHYL BORATE	3	II		1 L	E2			5 L
UN1177	2-ETHYLBUTYL ACETATE	3	III		5 L	E1			60 L
UN1178	2-ETHYLBUTYRALDEHYDE	3	II		1 L	E2			5 L
UN1179	ETHYL BUTYL ETHER	3	II		1 L	E2			5 L
UN1180	ETHYL BUTYRATE	3	III		5 L	E1			60 L
UN1181	ETHYL CHLOROACETATE	6.1 (3)	II		0.1 L	E4	1 000		5 L
UN1182	ETHYL CHLOROFORMATE	6.1 (3) (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1183	ETHYLDICHLOROSILANE	4.3 (3) (8)	I		0	E0	1 000	Forbidden	Forbidden
UN1184	ETHYLENE DICHLORIDE	3 (6.1)	II		1 L	E2			1 L

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1185 <i>SOR/2017-137</i>	ETHYLENEIMINE, STABILIZED	6.1 (3)	I	23, 155	0	E0	1 000	Forbidden	Forbidden
UN1188	ETHYLENE GLYCOL MONOMETHYL ETHER	3	III		5 L	E1			60 L
UN1189	ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE	3	III		5 L	E1			60 L
UN1190	ETHYL FORMATE	3	II		1 L	E2		Forbidden	5 L
UN1191	OCTYL ALDEHYDES	3	III		5 L	E1			60 L
UN1192	ETHYL LACTATE	3	III		5 L	E1			60 L
UN1193	ETHYL METHYL KETONE; or METHYL ETHYL KETONE	3	II		1 L	E2			5 L
UN1194	ETHYL NITRITE SOLUTION	3 (6.1)	I	38, 68	0	E0	1 000	Forbidden	Forbidden
UN1195	ETHYL PROPIONATE	3	II		1 L	E2			5 L
UN1196	ETHYLTRICHLOROSILANE	3 (8)	II		0	E0	3 000		1 L
UN1197	EXTRACTS, FLAVOURING, LIQUID	3	II		5 L	E2			5 L
			III		5 L	E1			60 L
UN1198	FORMALDEHYDE SOLUTION, FLAMMABLE	3 (8)	III		5 L	E1			5 L
UN1199	FURALDEHYDES	6.1 (3)	II		0.1 L	E4	1 000		5 L
UN1201	FUSEL OIL	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN1202 <i>SOR/2017-137</i>	DIESEL FUEL; GAS OIL; or HEATING OIL, LIGHT	3	III	88, 150	30 L	E1			60 L
UN1203 <i>SOR/2017-137</i>	GASOLINE; MOTOR SPIRIT; or PETROL	3	II	17, 88, 98, 150	30 L	E2		100 L	5 L
UN1204	NITROGLYCERIN SOLUTION IN ALCOHOL with not more than 1% nitroglycerin	3	II	38	1 L	E0			5 L
UN1206	HEPTANES	3	II		1 L	E2			5 L
UN1207	HEXALDEHYDE	3	III		5 L	E1			60 L
UN1208	HEXANES	3	II		1 L	E2		Forbidden	5 L

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1210	PRINTING INK, flammable, with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass; or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound) flammable, with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass	3	I	59, 142	0.5 L	E3		Forbidden	1 L
			II	59, 142	5 L	E2			5 L
			III	59, 142	5 L	E1			60 L
UN1212	ISOBUTANOL; or ISOBUTYL ALCOHOL	3	III		5 L	E1			60 L
UN1213	ISOBUTYL ACETATE	3	II		1 L	E2			5 L
UN1214	ISOBUTYLAMINE	3 (8)	II		1 L	E2			1 L
UN1216	ISOOCTENES	3	II		1 L	E2			5 L
UN1218 <small>SOR/2017-137</small>	ISOPRENE, STABILIZED	3	I	155	0	E3		Forbidden	1 L
UN1219	ISOPROPANOL; or ISOPROPYL ALCOHOL	3	II		1 L	E2			5 L
UN1220	ISOPROPYL ACETATE	3	II		1 L	E2			5 L
UN1221	ISOPROPYLAMINE	3 (8)	I		0	E0		Forbidden	0.5 L
UN1222	ISOPROPYL NITRATE	3	II	38	1 L	E2		Forbidden	5 L
UN1223 <small>SOR/2017-137</small>	KEROSENE	3	III		5 L	E1			60 L
UN1224	KETONES, LIQUID, N.O.S.	3 (6.1)	II	16	1 L	E2			5 L
			III	16	5 L	E1			60 L
UN1228	MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3 (6.1)	II	16	1 L	E0	1 000		Forbidden
			III	16	5 L	E1			5 L
UN1229	MESITYL OXIDE	3	III		5 L	E1			60 L
UN1230	METHANOL	3 (6.1)	II	43	1 L	E2			1 L
UN1231	METHYL ACETATE	3	II		1 L	E2			5 L
UN1233	METHYLAZYL ACETATE	3	III		5 L	E1			60 L
UN1234	METHYLAL	3	II		1 L	E2		Forbidden	5 L
UN1235	METHYLAMINE, AQUEOUS SOLUTION	3 (8)	II		1 L	E2		Forbidden	1 L
UN1237	METHYL BUTYRATE	3	II		1 L	E2			5 L
UN1238	METHYL CHLOROFORMATE	6.1 (3) (8)	I	23	0	E0	1 000	Forbidden	Forbidden

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UN1239	METHYL CHLOROMETHYL ETHER	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1242	METHYLDICHLOROSILANE	4.3 (3) (8)	I		0	E0	1 000	Forbidden	Forbidden
UN1243	METHYL FORMATE	3	I		0	E3		Forbidden	1 L
UN1244	METHYLHYDRAZINE	6.1 (3) (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1245	METHYL ISOBUTYL KETONE	3	II		1 L	E2			5 L
UN1246	METHYL ISOPROPENYL KETONE, STABILIZED <i>SOR/2017-137</i>	3	II	155	1 L	E2			5 L
UN1247	METHYL METHACRYLATE MONOMER, STABILIZED <i>SOR/2017-137</i>	3	II	155	1 L	E2			5 L
UN1248	METHYL PROPIONATE	3	II		1 L	E2			5 L
UN1249	METHYL PROPYL KETONE	3	II		1 L	E2			5 L
UN1250	METHYLTRICHLOROSILANE	3 (8)	II		0	E0	1 000		1 L
UN1251	METHYL VINYL KETONE, STABILIZED <i>SOR/2017-137</i>	6.1 (3) (8)	I	23, 155	0	E0	1 000	Forbidden	Forbidden
UN1259	NICKEL CARBONYL	6.1 (3)	I	23, 38	0	E0	1 000	Forbidden	Forbidden
UN1261	NITROMETHANE	3	II	38	1 L	E0			Forbidden
UN1262	OCTANES	3	II		1 L	E2			5 L
UN1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass; or PAINT RELATED MATERIAL (including paint thinning or reducing compound) with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass	3	I	59, 142	0.5 L	E3		Forbidden	1 L
			II	59, 142	5 L	E2			5 L
			III	59, 142	5 L	E1			60 L
UN1264	PARALDEHYDE	3	III		5 L	E1			60 L
UN1265	PENTANES, liquid	3	I		0	E3		Forbidden	1 L
			II		1 L	E2		Forbidden	5 L
UN1266	PERFUMERY PRODUCTS with flammable solvents and with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass	3	II	59	5 L	E2			15 L
			III	59	5 L	E1			60 L
UN1267	PETROLEUM CRUDE OIL <i>SOR/2015-100</i>	3	I	92, 106, 150	0.5 L	E3		Forbidden	1 L
			II	92, 106, 150	1 L	E2			5 L
			III	92, 106, 150	5 L	E1			60 L
UN1268	PETROLEUM DISTILLATES, N.O.S.; or	3	I	92, 150	0.5 L	E3		Forbidden	1 L
			II	91, 92, 150	1 L	E2			5 L

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	PETROLEUM PRODUCTS, N.O.S.		III	91, 92, 150	5 L	E1			60 L
UN1272	PINE OIL	3	III		5 L	E1			60 L
UN1274	<i>n</i> -PROPANOL; or PROPYL ALCOHOL, NORMAL	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN1275	PROPIONALDEHYDE	3	II		1 L	E2		Forbidden	5 L
UN1276	<i>n</i> -PROPYL ACETATE	3	II		1 L	E2			5 L
UN1277	PROPYLAMINE	3 (8)	II		1 L	E2		Forbidden	1 L
UN1278	1-CHLOROPROPANE	3	II		1 L	E0		Forbidden	Forbidden
UN1279	1,2-DICHLOROPROPANE	3	II		1 L	E2			5 L
UN1280	PROPYLENE OXIDE	3	I		0	E3		Forbidden	1 L
UN1281	PROPYL FORMATES	3	II		1 L	E2			5 L
UN1282	PYRIDINE	3	II		1 L	E2			5 L
UN1286	ROSIN OIL	3	II		5 L	E2			5 L
			III		5 L	E1			60 L
UN1287	RUBBER SOLUTION	3	II		5 L	E2			5 L
			III		5 L	E1			60 L
UN1288	SHALE OIL	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN1289	SODIUM METHYLATE SOLUTION in alcohol	3 (8)	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1292	TETRAETHYL SILICATE	3	III		5 L	E1			60 L
UN1293	TINCTURES, MEDICINAL	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN1294	TOLUENE	3	II		1 L	E2			5 L
UN1295	TRICHLOROSILANE	4.3 (3) (8)	I		0	E0	1 000	Forbidden	Forbidden
UN1296	TRIETHYLAMINE	3 (8)	II		1 L	E2			1 L
UN1297	TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass	3 (8)	I		0	E0		Forbidden	0.5 L
			II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1298	TRIMETHYLCHLOROSILANE	3 (8)	II		0	E0	1 000	Forbidden	1 L
UN1299	TURPENTINE	3	III		5 L	E1			60 L
UN1300	TURPENTINE SUBSTITUTE	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN1301	VINYL ACETATE, STABILIZED	3	II	155	1 L	E2			5 L

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UN1302 <i>SOR/2017-137</i>	VINYL ETHYL ETHER, STABILIZED	3	I	155	0	E3		Forbidden	1 L
UN1303 <i>SOR/2017-137</i>	VINYLDENE CHLORIDE, STABILIZED	3	I	155	0	E3		Forbidden	1 L
UN1304 <i>SOR/2017-137</i>	VINYL ISOBUTYL ETHER, STABILIZED	3	II	155	1 L	E2			5 L
UN1305	VINYLTRICHLOROSILANE	3 (8)	II		0	E0			1 L
UN1306	WOOD PRESERVATIVES, LIQUID	3	II		5 L	E2			5 L
			III		5 L	E1			60 L
UN1307	XYLEMES	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN1308 <i>SOR/2016-95</i>	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID	3	I	38	0	E0		Forbidden	Forbidden
			II	38	1 L	E2			5 L
			III		5 L	E1			60 L
UN1309	ALUMINUM POWDER, COATED	4.1	II		1 kg	E2			15 kg
			III		5 kg	E1			25 kg
UN1310	AMMONIUM PICRATE, WETTED with not less than 10% water, by mass	4.1	I	38, 62	0	E0	75	Forbidden	0.5 kg
UN1312	BORNEOL	4.1	III		5 kg	E1			25 kg
UN1313	CALCIUM RESINATE	4.1	III		5 kg	E1			25 kg
UN1314	CALCIUM RESINATE, FUSED	4.1	III		5 kg	E1			25 kg
UN1318	COBALT RESINATE, PRECIPITATED	4.1	III		5 kg	E1			25 kg
UN1320	DINITROPHENOL, WETTED with not less than 15% water, by mass	4.1 (6.1)	I	38, 62	0	E0	75	Forbidden	1 kg
UN1321	DINITROPHENOLATES, WETTED with not less than 15% water, by mass	4.1 (6.1)	I	38, 62	0	E0	75	Forbidden	1 kg
UN1322	DINITRORESORCINOL, WETTED with not less than 15% water, by mass	4.1	I	38, 62	0	E0	75	Forbidden	1 kg
UN1323	FERROCERIUM, unstabilized against corrosion or with less than 10% iron content	4.1	II		1 kg	E2	3 000		15 kg
UN1324	FILMS, NITROCELLULOSE BASE, gelatin coated, except scrap	4.1	III	38	5 kg	E1		Forbidden	25 kg
UN1325	FLAMMABLE SOLID, ORGANIC, N.O.S.	4.1	II	16	1 kg	E2	1 000		15 kg
			III	16	5 kg	E1			25 kg
UN1326	HAFNIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns	4.1	II		1 kg	E2		Forbidden	15 kg
UN1327	BHUSA, regulated only when transported by ship; HAY, regulated only when transported by ship; or STRAW, regulated only when transported by ship	4.1	III	64	3 kg	E0			

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UN1328	HEXAMETHYLENETETRAMINE	4.1	III		5 kg	E1			25 kg
UN1330	MANGANESE RESINATE	4.1	III		5 kg	E1			25 kg
UN1331	MATCHES, "STRIKE ANYWHERE"	4.1	III	69	5 kg	E0			Forbidden
UN1332	METALDEHYDE	4.1	III		5 kg	E1			25 kg
UN1333	CERIUM, slabs, ingots or rods	4.1	II		1 kg	E2			15 kg
UN1334	NAPHTHALENE, CRUDE; or NAPHTHALENE, REFINED	4.1	III		5 kg	E1			25 kg
UN1336	NITROGUANIDINE, WETTED with not less than 20% water, by mass; or PICRITE, WETTED with not less than 20% water, by mass	4.1	I	38, 62	0	E0	75	Forbidden	1 kg
UN1337	NITROSTARCH, WETTED with not less than 20% water, by mass	4.1	I	38, 62	0	E0	75	Forbidden	1 kg
UN1338	PHOSPHORUS, AMORPHOUS	4.1	III		5 kg	E1			25 kg
UN1339	PHOSPHORUS HEPTASULFIDE, free from yellow and white phosphorus; or PHOSPHORUS HEPTASULPHIDE, free from yellow and white phosphorus	4.1	II		1 kg	E2	1 000		15 kg
UN1340	PHOSPHORUS PENTASULFIDE, free from yellow and white phosphorus; or PHOSPHORUS PENTASULPHIDE, free from yellow and white phosphorus	4.3 (4.1)	II		0.5 kg	E2	1 000	Forbidden	15 kg
UN1341	PHOSPHORUS SESQUISULFIDE, free from yellow and white phosphorus; or PHOSPHORUS SESQUISULPHIDE, free from yellow and white phosphorus	4.1	II		1 kg	E2	1 000		15 kg
UN1343	PHOSPHORUS TRISULFIDE, free from yellow and white phosphorus; or PHOSPHORUS TRISULPHIDE, free from yellow and white phosphorus	4.1	II		1 kg	E2	1 000		15 kg
UN1344	TRINITROPHENOL, WETTED with not less than 30% water, by mass; or PICRIC ACID, WETTED with not less than 30% water, by mass	4.1	I	10, 38, 62	0	E0	75	Forbidden	1 kg
UN1345	RUBBER SCRAP, powdered or granulated, not exceeding 840 microns and rubber content exceeding 45%; or RUBBER SHODDY, powdered or granulated, not exceeding 840 microns and rubber content exceeding 45%	4.1	II		1 kg	E2			15 kg
UN1346	SILICON POWDER, AMORPHOUS	4.1	III		5 kg	E1			25 kg

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UN1347	SILVER PICRATE, WETTED with not less than 30% water, by mass	4.1	I	38, 62, 66, 68	0	E0	75	Forbidden	Forbidden
UN1348	SODIUM DINITRO-o-CRESOLATE, WETTED with not less than 15% water, by mass	4.1 (6.1)	I	38, 62	0	E0	75	Forbidden	1 kg
UN1349	SODIUM PICRAMATE, WETTED with not less than 20% water, by mass	4.1	I	38, 62	0	E0	75	Forbidden	Forbidden
UN1350	SULFUR; or SULPHUR	4.1	III	33	5 kg	E1			25 kg
UN1352	TITANIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns	4.1	II		1 kg	E2		Forbidden	15 kg
UN1353	FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.; or FIBRES IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.	4.1	III		5 kg	E1		Forbidden	25 kg
UN1354	TRINITROBENZENE, WETTED with not less than 30% water, by mass	4.1	I	10, 38, 62	0	E0	75	Forbidden	0.5 kg
UN1355	TRINITROBENZOIC ACID, WETTED with not less than 30% water, by mass	4.1	I	10, 38, 62	0	E0	75	Forbidden	0.5 kg
UN1356	TRINITROTOLUENE, WETTED with not less than 30% water, by mass; or TNT, WETTED with not less than 30% water, by mass	4.1	I	38, 62	0	E0	75	Forbidden	0.5 kg
UN1357	UREA NITRATE, WETTED with not less than 20% water, by mass	4.1	I	38, 61, 62	0	E0	75	Forbidden	1 kg
UN1358	ZIRCONIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns	4.1	II		1 kg	E2		Forbidden	15 kg
UN1360	CALCIUM PHOSPHIDE	4.3 (6.1)	I	38	0	E0	1 000	Forbidden	Forbidden
UN1361	CARBON, animal or vegetable origin	4.2	II		0	E0			Forbidden
			III		0	E0			Forbidden
UN1362	CARBON, ACTIVATED	4.2	III		0	E1			0.5 kg
UN1363	COPRA	4.2	III		0	E0			Forbidden
UN1364	COTTON WASTE, OILY	4.2	III	38	0	E0			Forbidden
UN1365	COTTON, WET	4.2	III		0	E0			Forbidden
UN1369	p-NITROSODIMETHYLANILINE	4.2	II		0	E2		Forbidden	15 kg

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UN1372	FIBRES, ANIMAL, burnt, wet or damp, regulated only when transported by ship; or FIBRES, VEGETABLE, burnt, wet or damp, regulated only when transported by ship	4.2	III	97	0	E1			Forbidden
UN1373	FABRICS, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil; or FIBRES, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil	4.2	III		0	E0			Forbidden
UN1374	FISH MEAL, UNSTABILIZED; or FISH SCRAP, UNSTABILIZED	4.2	II		0	E2			15 kg
UN1376	IRON OXIDE, SPENT obtained from coal gas purification; or IRON SPONGE, SPENT obtained from coal gas purification	4.2	III		0	E0		Forbidden	Forbidden
UN1378	METAL CATALYST, WETTED, with a visible excess of liquid	4.2	II	16, 38	0	E0	1 000		Forbidden
UN1379	PAPER, UNSATURATED OIL TREATED, incompletely dried (including carbon paper)	4.2	III		0	E0			Forbidden
UN1380	PENTaborane	4.2 (6.1)	I	23, 38	0	E0	1 000	Forbidden	Forbidden
UN1381	PHOSPHORUS, WHITE, DRY; PHOSPHORUS, WHITE, IN SOLUTION; PHOSPHORUS, WHITE, UNDER WATER; PHOSPHORUS, YELLOW, DRY; PHOSPHORUS, YELLOW, IN SOLUTION; or PHOSPHORUS, YELLOW, UNDER WATER	4.2 (6.1)	I		0	E0	1 000	Forbidden	Forbidden
UN1382	POTASSIUM SULFIDE, ANHYDROUS; POTASSIUM SULFIDE with less than 30% water of crystallization; POTASSIUM SULPHIDE, ANHYDROUS; or POTASSIUM SULPHIDE with less than 30% water of crystallization	4.2	II		0	E2	1 000		15 kg
UN1383	PYROPHORIC ALLOY, N.O.S.; or PYROPHORIC METAL, N.O.S.	4.2	I	16, 38	0	E0	1 000	Forbidden	Forbidden
UN1384	SODIUM DITHIONITE; SODIUM HYDROSULFITE; or SODIUM HYDROSULPHITE	4.2	II		0	E2	3 000	Forbidden	15 kg

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UN1385	SODIUM SULFIDE, ANHYDROUS; SODIUM SULFIDE with less than 30% water of crystallization; SODIUM SULPHIDE, ANHYDROUS; or SODIUM SULPHIDE with less than 30% water of crystallization	4.2	II		0	E2	1 000		15 kg
UN1386	SEED CAKE with more than 1.5% oil and not more than 11% moisture	4.2	III	36	0	E0		Forbidden	Forbidden
UN1387	WOOL WASTE, WET, regulated only when transported by ship	4.2	III	97	0	E1			Forbidden
UN1389	ALKALI METAL AMALGAM, LIQUID, including lithium, sodium, potassium, rubidium and cesium	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1390	ALKALI METAL AMIDES	4.3	II		0.5 kg	E2		Forbidden	15 kg
UN1391	ALKALI METAL DISPERSION, including lithium, sodium, potassium, rubidium and cesium; or ALKALINE EARTH METAL DISPERSION, including magnesium, calcium, strontium and barium	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1392	ALKALINE EARTH METAL AMALGAM, LIQUID, including magnesium, calcium, strontium and barium	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1393	ALKALINE EARTH METAL ALLOY, N.O.S.	4.3	II		0.5 kg	E2	1 000	Forbidden	15 kg
UN1394	ALUMINUM CARBIDE	4.3	II		0.5 kg	E2	1 000		15 kg
UN1395	ALUMINUM FERROSILICON POWDER	4.3 (6.1)	II		0.5 kg	E2	1 000		15 kg
UN1396	ALUMINUM POWDER, UNCOATED	4.3	II	38	0.5 kg	E2			15 kg
			III		1 kg	E1			25 kg
UN1397	ALUMINUM PHOSPHIDE	4.3 (6.1)	I		0	E0	1 000	Forbidden	Forbidden
UN1398	ALUMINUM SILICON POWDER, UNCOATED	4.3	III		1 kg	E1			25 kg
UN1400	BARIUM	4.3	II		0.5 kg	E2	1 000	Forbidden	15 kg
UN1401	CALCIUM	4.3	II		0.5 kg	E2	3 000	Forbidden	15 kg
UN1402	CALCIUM CARBIDE	4.3	I		0	E0	1 000		Forbidden
			II		0.5 kg	E2	1 000		15 kg
UN1403	CALCIUM CYANAMIDE with more than 0.1% calcium carbide	4.3	III		1 kg	E1			25 kg
UN1404	CALCIUM HYDRIDE	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1405	CALCIUM SILICIDE	4.3	II		0.5 kg	E2			15 kg
			III		1 kg	E1			25 kg
UN1407	CAESIUM	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1408	FERROSILICON with 30% or more but less than 90% silicon	4.3 (6.1)	III		1 kg	E1			25 kg

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UN1409	METAL HYDRIDES, WATER-REACTIVE, N.O.S.	4.3	I	16, 38	0	E0	1 000	Forbidden	Forbidden
			II	16	0.5 kg	E2		Forbidden	15 kg
UN1410	LITHIUM ALUMINUM HYDRIDE	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1411	LITHIUM ALUMINUM HYDRIDE, ETHEREAL	4.3 (3)	I	38	0	E0	1 000	Forbidden	Forbidden
UN1413	LITHIUM BOROHYDRIDE	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1414	LITHIUM HYDRIDE	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1415	LITHIUM	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1417	LITHIUM SILICON	4.3	II		0.5 kg	E2			15 kg
UN1418	MAGNESIUM ALLOYS, POWDER; or MAGNESIUM POWDER	4.3 (4.2)	I	38	0	E0	1 000		Forbidden
			II		0	E2			15 kg
			III		0	E1			25 kg
UN1419	MAGNESIUM ALUMINUM PHOSPHIDE	4.3 (6.1)	I	38	0	E0	1 000	Forbidden	Forbidden
UN1420	POTASSIUM METAL ALLOYS, LIQUID	4.3	I		0	E0	1 000	Forbidden	Forbidden
UN1421	ALKALI METAL ALLOY, LIQUID, N.O.S.	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1422	POTASSIUM SODIUM ALLOYS, LIQUID	4.3	I		0	E0	1 000	Forbidden	Forbidden
UN1423	RUBIDIUM	4.3	I		0	E0	1 000	Forbidden	Forbidden
UN1426	SODIUM BOROHYDRIDE	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1427	SODIUM HYDRIDE	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1428	SODIUM	4.3	I		0	E0	1 000	Forbidden	Forbidden
UN1431	SODIUM METHYLATE	4.2 (8)	II		0	E2	1 000		15 kg
UN1432	SODIUM PHOSPHIDE	4.3 (6.1)	I	38	0	E0	1 000	Forbidden	Forbidden
UN1433	STANNIC PHOSPHIDES	4.3 (6.1)	I	38	0	E0	1 000	Forbidden	Forbidden
UN1435	ZINC ASHES	4.3	III		1 kg	E1			25 kg
UN1436	ZINC DUST; or ZINC POWDER	4.3 (4.2)	I	38	0	E0	1 000		Forbidden
			II		0	E2			15 kg
			III		0	E1			25 kg
UN1437	ZIRCONIUM HYDRIDE	4.1	II		1 kg	E2		Forbidden	15 kg
UN1438	ALUMINUM NITRATE	5.1	III		5 kg	E1		Forbidden	25 kg
UN1439	AMMONIUM DICHROMATE	5.1	II		1 kg	E2			5 kg
UN1442	AMMONIUM PERCHLORATE (for substances that are not UN0402 AMMONIUM PERCHLORATE, Class 1.1D)	5.1	II		1 kg	E2	1 000	Forbidden	5 kg
UN1444	AMMONIUM PERSULFATE; or AMMONIUM PERSULPHATE	5.1	III		5 kg	E1			25 kg
UN1445	BARIUM CHLORATE, SOLID	5.1 (6.1)	II		1 kg	E2			5 kg

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UN1446	BARIUM NITRATE	5.1 (6.1)	II		1 kg	E2			5 kg
UN1447	BARIUM PERCHLORATE, SOLID	5.1 (6.1)	II		1 kg	E2			5 kg
UN1448	BARIUM PERMANGANATE	5.1 (6.1)	II		1 kg	E2		Forbidden	5 kg
UN1449	BARIUM PEROXIDE	5.1 (6.1)	II		1 kg	E2			5 kg
UN1450	BROMATES, INORGANIC, N.O.S.	5.1	II	16, 119	1 kg	E2			5 kg
UN1451	CAESIUM NITRATE	5.1	III		5 kg	E1			25 kg
UN1452	CALCIUM CHLORATE	5.1	II		1 kg	E2			5 kg
UN1453	CALCIUM CHLORITE	5.1	II		1 kg	E2			5 kg
UN1454	CALCIUM NITRATE	5.1	III	31	5 kg	E1			25 kg
UN1455	CALCIUM PERCHLORATE	5.1	II		1 kg	E2			5 kg
UN1456	CALCIUM PERMANGANATE	5.1	II		1 kg	E2		Forbidden	5 kg
UN1457	CALCIUM PEROXIDE	5.1	II		1 kg	E2			5 kg
UN1458	CHLORATE AND BORATE MIXTURE	5.1	II		1 kg	E2			5 kg
			III		5 kg	E1			25 kg
UN1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE, SOLID	5.1	II		1 kg	E2			5 kg
			III		5 kg	E1			25 kg
UN1461	CHLORATES, INORGANIC, N.O.S.	5.1	II	16, 120	1 kg	E2			5 kg
UN1462	CHLORITES, INORGANIC, N.O.S.	5.1	II	16, 121	1 kg	E2			5 kg
UN1463	CHROMIUM TRIOXIDE, ANHYDROUS	5.1 (6.1) (8)	II		1 kg	E2			5 kg
UN1465	DIDYMIUM NITRATE	5.1	III		5 kg	E1			25 kg
UN1466	FERRIC NITRATE	5.1	III		5 kg	E1			25 kg
UN1467	GUANIDINE NITRATE	5.1	III		5 kg	E1			25 kg
UN1469	LEAD NITRATE	5.1 (6.1)	II		1 kg	E2			5 kg
UN1470	LEAD PERCHLORATE, SOLID	5.1 (6.1)	II		1 kg	E2			5 kg
UN1471	LITHIUM HYPOCHLORITE, DRY; or LITHIUM HYPOCHLORITE MIXTURE	5.1	II		1 kg	E2			5 kg
			III		5 kg	E1			25 kg
UN1472	LITHIUM PEROXIDE	5.1	II	38	1 kg	E2			5 kg
UN1473	MAGNESIUM BROMATE	5.1	II		1 kg	E2			5 kg
UN1474	MAGNESIUM NITRATE	5.1	III	100	5 kg	E1			25 kg
UN1475	MAGNESIUM PERCHLORATE	5.1	II		1 kg	E2			5 kg
UN1476	MAGNESIUM PEROXIDE	5.1	II		1 kg	E2			5 kg
UN1477	NITRATES, INORGANIC, N.O.S.	5.1	II		1 kg	E2			5 kg
			III		5 kg	E1			25 kg

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UN1479	OXIDIZING SOLID, N.O.S.	5.1	I	16, 68	0	E0	1 000	Forbidden	1 kg
			II	16, 68	1 kg	E2			5 kg
			III	16, 68	5 kg	E1			25 kg
UN1481	PERCHLORATES, INORGANIC, N.O.S.	5.1	II		1 kg	E2			5 kg
			III		5 kg	E1			25 kg
UN1482	PERMANGANATES, INORGANIC, N.O.S.	5.1	II	16, 78, 122	1 kg	E2		Forbidden	5 kg
			III	16, 122	5 kg	E1		Forbidden	25 kg
UN1483	PEROXIDES, INORGANIC, N.O.S.	5.1	II		1 kg	E2			5 kg
			III		5 kg	E1			25 kg
UN1484	POTASSIUM BROMATE	5.1	II		1 kg	E2			5 kg
UN1485	POTASSIUM CHLORATE	5.1	II		1 kg	E2			5 kg
UN1486	POTASSIUM NITRATE	5.1	III		5 kg	E1			25 kg
UN1487	POTASSIUM NITRATE AND SODIUM NITRITE MIXTURE	5.1	II		1 kg	E2			5 kg
UN1488	POTASSIUM NITRITE	5.1	II		1 kg	E2			5 kg
UN1489	POTASSIUM PERCHLORATE	5.1	II		1 kg	E2			5 kg
UN1490	POTASSIUM PERMANGANATE	5.1	II		1 kg	E2		Forbidden	5 kg
UN1491	POTASSIUM PEROXIDE	5.1	I	38	0	E0	1 000		Forbidden
UN1492	POTASSIUM PERSULFATE; or POTASSIUM PERSULPHATE	5.1	III		5 kg	E1			25 kg
UN1493	SILVER NITRATE	5.1	II		1 kg	E2			5 kg
UN1494	SODIUM BROMATE	5.1	II		1 kg	E2			5 kg
UN1495	SODIUM CHLORATE	5.1	II		1 kg	E2			5 kg
UN1496	SODIUM CHLORITE with more than 7% available chlorine	5.1	II		1 kg	E2			5 kg
UN1498	SODIUM NITRATE	5.1	III		5 kg	E1			25 kg
UN1499	SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE	5.1	III		5 kg	E1			25 kg
UN1500	SODIUM NITRITE	5.1 (6.1)	III		5 kg	E1			25 kg
UN1502	SODIUM PERCHLORATE	5.1	II		1 kg	E2			5 kg
UN1503	SODIUM PERMANGANATE	5.1	II		1 kg	E2		Forbidden	5 kg
UN1504	SODIUM PEROXIDE	5.1	I	38	0	E0	1 000		Forbidden
UN1505	SODIUM PERSULFATE; or SODIUM PERSULPHATE	5.1	III		5 kg	E1			25 kg
UN1506	STRONTIUM CHLORATE	5.1	II		1 kg	E2	1 000		5 kg
UN1507	STRONTIUM NITRATE	5.1	III		5 kg	E1			25 kg
UN1508	STRONTIUM PERCHLORATE	5.1	II		1 kg	E2	1 000		5 kg
UN1509	STRONTIUM PEROXIDE	5.1	II		1 kg	E2	1 000		5 kg

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1510	TETRANITROMETHANE	6.1 (5.1)	I	23, 38	0	E0	1 000	Forbidden	Forbidden
UN1511	UREA HYDROGEN PEROXIDE	5.1 (8)	III		5 kg	E1			25 kg
UN1512	ZINC AMMONIUM NITRITE	5.1	II	66, 68	1 kg	E2			5 kg
UN1513	ZINC CHLORATE	5.1	II		1 kg	E2			5 kg
UN1514	ZINC NITRATE	5.1	II		1 kg	E2			5 kg
UN1515	ZINC PERMANGANATE	5.1	II		1 kg	E2		Forbidden	5 kg
UN1516	ZINC PEROXIDE	5.1	II		1 kg	E2	1 000		5 kg
UN1517	ZIRCONIUM PICRAMATE, WETTED with not less than 20% water, by mass	4.1	I	38, 62	0	E0	75	Forbidden	1 kg
UN1541	ACETONE CYANOHYDRIN, STABILIZED	6.1	I	23	0	E0	1 000	Forbidden	Forbidden
UN1544	ALKALOID SALTS, SOLID, N.O.S.; or ALKALOIDS, SOLID, N.O.S.	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN1545	ALLYL ISOTHIOCYANATE, STABILIZED	6.1 (3)	II	155	0.1 L	E0	1 000	Forbidden	Forbidden
UN1546	AMMONIUM ARSENATE	6.1	II		0.5 kg	E4			25 kg
UN1547	ANILINE	6.1	II	43	0.1 L	E4			5 L
UN1548	ANILINE HYDROCHLORIDE	6.1	III		5 kg	E1			100 kg
UN1549	ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S., except antimony oxides and sulphides containing not more than 0.5% arsenic, by mass	6.1	III	16	5 kg	E1			100 kg
UN1550	ANTIMONY LACTATE	6.1	III		5 kg	E1			100 kg
UN1551	ANTIMONY POTASSIUM TARTRATE	6.1	III		5 kg	E1			100 kg
UN1553	ARSENIC ACID, LIQUID	6.1	I		0	E5	1 000		1 L
UN1554	ARSENIC ACID, SOLID	6.1	II		0.5 kg	E4			25 kg
UN1555	ARSENIC BROMIDE	6.1	II		0.5 kg	E4			25 kg
UN1556	ARSENIC COMPOUND, LIQUID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	I	16, 38	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN1557	ARSENIC COMPOUND, SOLID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	I	16, 38	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN1558	ARSENIC	6.1	II		0.5 kg	E4			25 kg
UN1559	ARSENIC PENTOXIDE	6.1	II		0.5 kg	E4			25 kg
UN1560	ARSENIC TRICHLORIDE	6.1	I	23	0	E0	1 000		Forbidden
UN1561	ARSENIC TRIOXIDE	6.1	II		0.5 kg	E4			25 kg
UN1562	ARSENICAL DUST	6.1	II		0.5 kg	E4			25 kg
UN1564	BARIUM COMPOUND, N.O.S., other than barium sulphate	6.1	II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg

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UN1565	BARIUM CYANIDE	6.1	I		0	E5	1 000		5 kg
UN1566	BERYLLIUM COMPOUND, N.O.S.	6.1	II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN1567	BERYLLIUM POWDER	6.1 (4.1)	II		0.5 kg	E4			15 kg
UN1569	BROMOACETONE	6.1 (3)	II	23, 38	0	E0	1 000	Forbidden	Forbidden
UN1570	BRUCINE	6.1	I		0	E5	1 000		5 kg
UN1571	BARIUM AZIDE, WETTED with not less than 50% water, by mass	4.1 (6.1)	I	38, 62	0	E0	75	Forbidden	Forbidden
UN1572	CACODYLIC ACID	6.1	II		0.5 kg	E4		Forbidden	25 kg
UN1573	CALCIUM ARSENATE	6.1	II		0.5 kg	E4			25 kg
UN1574	CALCIUM ARSENATE AND CALCIUM ARSENITE MIXTURE, SOLID	6.1	II		0.5 kg	E4			25 kg
UN1575	CALCIUM CYANIDE	6.1	I	38	0	E5	1 000		5 kg
UN1577	CHLORODINITROBENZENES, LIQUID	6.1	II	43	0.1 L	E4			5 L
UN1578	CHLORONITROBENZENES, SOLID	6.1	II	43	0.5 kg	E4			25 kg
UN1579	4-CHLORO-o-TOLUIDINE HYDROCHLORIDE, SOLID	6.1	III		5 kg	E1			100 kg
UN1580	CHLOROPICRIN	6.1	I	23	0	E0	1 000	Forbidden	Forbidden
UN1581	CHLOROPICRIN AND METHYL BROMIDE MIXTURE with more than 2% chloropicrin	2.3		23	0	E0	25	Forbidden	Forbidden
UN1582	CHLOROPICRIN AND METHYL CHLORIDE MIXTURE	2.3		23, 38	0	E0	25	Forbidden	Forbidden
UN1583 <small>SOR/2017-137</small>	CHLOROPICRIN MIXTURE, N.O.S.	6.1	I	16, 115	0	E0	1 000		Forbidden
			II	16	0.1 L	E0			Forbidden
			III	16	5 L	E0			Forbidden
UN1585	COPPER ACETOARSENITE	6.1	II		0.5 kg	E4			25 kg
UN1586	COPPER ARSENITE	6.1	II		0.5 kg	E4			25 kg
UN1587	COPPER CYANIDE	6.1	II		0.5 kg	E4			25 kg
UN1588	CYANIDES, INORGANIC, SOLID, N.O.S., except ferricyanides and ferrocyanides	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN1589 <small>SOR/2017-137</small>	CYANOGEN CHLORIDE, STABILIZED	2.3 (8)		23, 38, 155	0	E0	25	Forbidden	Forbidden
UN1590	DICHLOROANILINES, LIQUID	6.1	II	43	0.1 L	E4			5 L
UN1591	o-DICHLOROBENZENE	6.1	III	43	5 L	E1			60 L
UN1593	DICHLOROMETHANE	6.1	III		5 L	E1			60 L
UN1594	DIETHYL SULFATE; or DIETHYL SULPHATE	6.1	II		0.1 L	E4	1 000		5 L

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UN1595	DIMETHYL SULFATE; or DIMETHYL SULPHATE	6.1 (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1596	DINITROANILINES	6.1	II		0.5 kg	E4			25 kg
UN1597	DINITROBENZENES, LIQUID	6.1	II		0.1 L	E4			5 L
			III		5 L	E1			60 L
UN1598	DINITRO-o-CRESOL	6.1	II		0.5 kg	E4			25 kg
UN1599	DINITROPHENOL SOLUTION	6.1	II		0.1 L	E4			5 L
			III		5 L	E1			60 L
UN1600	DINITROTOLUENES, MOLTEN	6.1	II		0	E0			Forbidden
UN1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN1602	DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.; or DYE, LIQUID, TOXIC, N.O.S.	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN1603	ETHYL BROMOACETATE	6.1 (3)	II		0.1 L	E0	1 000	Forbidden	Forbidden
UN1604	ETHYLENEDIAMINE	8 (3)	II		1 L	E2	1 000		1 L
UN1605	ETHYLENE DIBROMIDE	6.1	I	23	0	E0	1 000	Forbidden	Forbidden
UN1606	FERRIC ARSENATE	6.1	II		0.5 kg	E4			25 kg
UN1607	FERRIC ARSENITE	6.1	II		0.5 kg	E4			25 kg
UN1608	FERROUS ARSENATE	6.1	II		0.5 kg	E4			25 kg
UN1611	HEXAETHYL TETRAPHOSPHATE	6.1	II		0.1 L	E4		Forbidden	25 L
UN1612	HEXAETHYL TETRAPHOSPHATE AND COMPRESSED GAS MIXTURE	2.3		23, 38	0	E0	25	Forbidden	Forbidden
UN1613	HYDROCYANIC ACID, AQUEOUS SOLUTION with not more than 20% hydrogen cyanide; or HYDROGEN CYANIDE, AQUEOUS SOLUTION with not more than 20% hydrogen cyanide	6.1	I	23, 68	0	E0	1 000	Forbidden	Forbidden
UN1614	HYDROGEN CYANIDE, STABILIZED, containing less than 3% water and absorbed in a porous inert material	6.1	I	38, 155, 166	0	E0	1 000	Forbidden	Forbidden
UN1616	LEAD ACETATE	6.1	III		5 kg	E1			100 kg
UN1617	LEAD ARSENATES	6.1	II		0.5 kg	E4			25 kg
UN1618	LEAD ARSENITES	6.1	II		0.5 kg	E4			25 kg
UN1620	LEAD CYANIDE	6.1	II		0.5 kg	E4			25 kg
UN1621	LONDON PURPLE	6.1	II		0.5 kg	E4			25 kg
UN1622	MAGNESIUM ARSENATE	6.1	II		0.5 kg	E4			25 kg
UN1623	MERCURIC ARSENATE	6.1	II		0.5 kg	E4			25 kg

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UN1624	MERCURIC CHLORIDE	6.1	II		0.5 kg	E4			25 kg
UN1625	MERCURIC NITRATE	6.1	II		0.5 kg	E4	1 000		25 kg
UN1626	MERCURIC POTASSIUM CYANIDE	6.1	I		0	E5	1 000		5 kg
UN1627	MERCUROUS NITRATE	6.1	II		0.5 kg	E4	1 000		25 kg
UN1629	MERCURY ACETATE	6.1	II		0.5 kg	E4			25 kg
UN1630	MERCURY AMMONIUM CHLORIDE	6.1	II		0.5 kg	E4			25 kg
UN1631	MERCURY BENZOATE	6.1	II		0.5 kg	E4			25 kg
UN1634	MERCURY BROMIDES	6.1	II		0.5 kg	E4			25 kg
UN1636	MERCURY CYANIDE	6.1	II		0.5 kg	E4			25 kg
UN1637	MERCURY GLUCONATE	6.1	II		0.5 kg	E4			25 kg
UN1638	MERCURY IODIDE	6.1	II		0.5 kg	E4			25 kg
UN1639	MERCURY NUCLEATE	6.1	II		0.5 kg	E4			25 kg
UN1640	MERCURY OLEATE	6.1	II		0.5 kg	E4			25 kg
UN1641	MERCURY OXIDE	6.1	II		0.5 kg	E4			25 kg
UN1642	MERCURY OXYCYANIDE, DESENSITIZED	6.1	II	68	0.5 kg	E4			25 kg
UN1643	MERCURY POTASSIUM IODIDE	6.1	II		0.5 kg	E4			25 kg
UN1644	MERCURY SALICYLATE	6.1	II		0.5 kg	E4			25 kg
UN1645	MERCURY SULFATE; or MERCURY SULPHATE	6.1	II		0.5 kg	E4			25 kg
UN1646	MERCURY THIOCYANATE	6.1	II		0.5 kg	E4			25 kg
UN1647	METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURE, LIQUID	6.1	I	23	0	E0	1 000	Forbidden	Forbidden
UN1648	ACETONITRILE	3	II		1 L	E2			5 L
UN1649	MOTOR FUEL ANTI-KNOCK MIXTURE	6.1	I		0	E0	1 000	Forbidden	Forbidden
UN1650	<i>beta</i> -NAPHTHYLAMINE, SOLID	6.1	II		0.5 kg	E4			25 kg
UN1651	NAPHTHYLTHIOUREA	6.1	II		0.5 kg	E4			25 kg
UN1652	NAPHTHYLUREA	6.1	II		0.5 kg	E4			25 kg
UN1653	NICKEL CYANIDE	6.1	II		0.5 kg	E4			25 kg
UN1654	NICOTINE	6.1	II		0.1 L	E4			5 L
UN1655	NICOTINE COMPOUND, SOLID, N.O.S.; or NICOTINE PREPARATION, SOLID, N.O.S.	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN1656	NICOTINE HYDROCHLORIDE, LIQUID; or NICOTINE HYDROCHLORIDE SOLUTION	6.1	II		0.1 L	E4			5 L
			III		5 L	E1			60 L
UN1657	NICOTINE SALICYLATE	6.1	II		0.5 kg	E4			25 kg
UN1658	NICOTINE SULFATE, SOLUTION; or NICOTINE SULPHATE, SOLUTION	6.1	II		0.1 L	E4			5 L
			III		5 L	E1			60 L

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UN1659	NICOTINE TARTRATE	6.1	II		0.5 kg	E4			25 kg
UN1660	NITRIC OXIDE, COMPRESSED	2.3 (5.1) (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN1661	NITROANILINES ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	6.1	II	43	0.5 kg	E4			25 kg
UN1662	NITROBENZENE	6.1	II	43	0.1 L	E4			5 L
UN1663	NITROPHENOLS ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	6.1	III	43	5 kg	E1			100 kg
UN1664	NITROTOLUENES, LIQUID	6.1	II		0.1 L	E4			5 L
UN1665	NITROXYLENES, LIQUID	6.1	II		0.1 L	E4			5 L
UN1669	PENTACHLOROETHANE	6.1	II		0.1 L	E4			5 L
UN1670	PERCHLOROMETHYL MERCAPTAN	6.1	I	23	0	E0	1 000	Forbidden	Forbidden
UN1671	PHENOL, SOLID	6.1	II	43	0.5 kg	E4	1 000		25 kg
UN1672	PHENYLCARBYLAMINE CHLORIDE	6.1	I	23	0	E0	1 000	Forbidden	Forbidden
UN1673	PHENYLENEDIAMINES ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	6.1	III	43	5 kg	E1			100 kg
UN1674	PHENYLMERCURIC ACETATE	6.1	II		0.5 kg	E4			25 kg
UN1677	POTASSIUM ARSENATE	6.1	II		0.5 kg	E4			25 kg
UN1678	POTASSIUM ARSENITE	6.1	II		0.5 kg	E4			25 kg
UN1679	POTASSIUM CUPROCYANIDE	6.1	II		0.5 kg	E4			25 kg
UN1680	POTASSIUM CYANIDE, SOLID	6.1	I		0	E5	1 000		5 kg
UN1683	SILVER ARSENITE	6.1	II		0.5 kg	E4			25 kg
UN1684	SILVER CYANIDE	6.1	II		0.5 kg	E4			25 kg
UN1685	SODIUM ARSENATE	6.1	II		0.5 kg	E4			25 kg
UN1686	SODIUM ARSENITE, AQUEOUS SOLUTION	6.1	II		0.1 L	E4			5 L
			III		5 L	E1			60 L
UN1687	SODIUM AZIDE	6.1	II		0.5 kg	E4	1 000		25 kg
UN1688	SODIUM CACODYLATE	6.1	II		0.5 kg	E4			25 kg
UN1689	SODIUM CYANIDE, SOLID	6.1	I		0	E5	1 000		5 kg
UN1690	SODIUM FLUORIDE, SOLID	6.1	III		5 kg	E1			100 kg
UN1691	STRONTIUM ARSENITE	6.1	II		0.5 kg	E4			25 kg
UN1692	STRYCHNINE; or STRYCHNINE SALTS	6.1	I		0	E5	1 000		5 kg
UN1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.	6.1	I	16, 38	0	E0	1 000	Forbidden	Forbidden
			II	16, 38	0	E0		Forbidden	Forbidden
UN1694	BROMOBENZYL CYANIDES, LIQUID	6.1	I		0	E0	1 000	Forbidden	Forbidden
UN1695	CHLOROACETONE, STABILIZED	6.1 (3) (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1697	CHLOROACETOPHENONE, SOLID	6.1	II	38	0	E0		Forbidden	Forbidden
UN1698	DIPHENYLAMINE CHLOROARSINE	6.1	I	38	0	E0	1 000	Forbidden	Forbidden

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UN1699	DIPHENYLCHLOROARSINE, LIQUID	6.1	I	38	0	E0	1 000	Forbidden	Forbidden
UN1700	TEAR GAS CANDLES	6.1 (4.1)		38	0	E0		Forbidden	Forbidden
UN1701	XYLYL BROMIDE, LIQUID	6.1	II	38	0	E0		Forbidden	Forbidden
UN1702	1,1,2,2-TETRACHLOROETHANE	6.1	II		0.1 L	E4			5 L
UN1704	TETRAETHYL DITHIOPYROPHOSPHATE	6.1	II		0.1 L	E4	1 000	Forbidden	25 L
UN1707	THALLIUM COMPOUND, N.O.S.	6.1	II	16	0.5 kg	E4			25 kg
UN1708	TOLUIDINES, LIQUID	6.1	II	43	0.1 L	E4			5 L
UN1709	2,4-TOLUYLENEDIAMINE, SOLID	6.1	III		5 kg	E1			100 kg
UN1710	TRICHLOROETHYLENE	6.1	III		5 L	E1			60 L
UN1711	XYLIDINES, LIQUID	6.1	II		0.1 L	E4			5 L
UN1712	ZINC ARSENATE; ZINC ARSENATE AND ZINC ARSENITE MIXTURE; or ZINC ARSENITE	6.1	II		0.5 kg	E4			25 kg
UN1713	ZINC CYANIDE	6.1	I		0	E5	1 000		5 kg
UN1714	ZINC PHOSPHIDE	4.3 (6.1)	I	38	0	E0	1 000	Forbidden	Forbidden
UN1715	ACETIC ANHYDRIDE	8 (3)	II		1 L	E2	3 000		1 L
UN1716	ACETYL BROMIDE	8	II		1 L	E2			1 L
UN1717	ACETYL CHLORIDE	3 (8)	II		1 L	E2	3 000		1 L
UN1718	BUTYL ACID PHOSPHATE	8	III		5 L	E1			5 L
UN1719	CAUSTIC ALKALI LIQUID, N.O.S. <small>SOR/2017-137</small>	8	II	16	1 L	E2			1 L
			III	16	5 L	E1			5 L
UN1722	ALLYL CHLOROFORMATE	6.1 (3) (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1723	ALLYL IODIDE	3 (8)	II		1 L	E2	3 000		1 L
UN1724	ALLYLTRICHLOROSILANE, STABILIZED	8 (3)	II	155	0	E0	3 000		Forbidden
UN1725	ALUMINUM BROMIDE, ANHYDROUS	8	II		1 kg	E2			15 kg
UN1726	ALUMINUM CHLORIDE, ANHYDROUS	8	II		1 kg	E2			15 kg
UN1727	AMMONIUM HYDROGENDIFLUORIDE, SOLID	8	II		1 kg	E2			15 kg
UN1728	AMYLTRICHLOROSILANE	8	II		0	E0			Forbidden
UN1729	ANISOYL CHLORIDE	8	II		1 kg	E2			15 kg
UN1730	ANTIMONY PENTACHLORIDE, LIQUID	8	II		1 L	E2			1 L
UN1731	ANTIMONY PENTACHLORIDE SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L

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UN1732	ANTIMONY PENTAFLUORIDE	8 (6.1)	II		1 L	E0		Forbidden	Forbidden
UN1733	ANTIMONY TRICHLORIDE	8	II		1 kg	E2			1 kg
UN1736	BENZOYL CHLORIDE	8	II		1 L	E2			1 L
UN1737	BENZYL BROMIDE	6.1 (8)	II		0	E4	3 000	Forbidden	1 L
UN1738	BENZYL CHLORIDE	6.1 (8)	II		0	E4	1 000	Forbidden	1 L
UN1739	BENZYL CHLOROFORMATE	8	I		0	E0	1 000	Forbidden	Forbidden
UN1740	HYDROGEN DIFLUORIDES, SOLID, N.O.S.	8	II		1 kg	E2			15 kg
			III		5 kg	E1			25 kg
UN1741	BORON TRICHLORIDE	2.3 (8)		23	0	E0	500	Forbidden	Forbidden
UN1742	BORON TRIFLUORIDE ACETIC ACID COMPLEX, LIQUID	8	II		1 L	E2			1 L
UN1743	BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, LIQUID	8	II		1 L	E2			1 L
UN1744	BROMINE; or BROMINE SOLUTION	8 (6.1)	I	23	0	E0	3 000	Forbidden	Forbidden
UN1745	BROMINE PENTAFLUORIDE	5.1 (6.1) (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1746	BROMINE TRIFLUORIDE	5.1 (6.1) (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1747	BUTYLTRICHLOROSILANE	8 (3)	II		0	E0			Forbidden
UN1748	CALCIUM HYPOCHLORITE, DRY with more than 39% available chlorine (8.8% available oxygen); or CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	5.1	II	38, 94	1 kg	E2		Forbidden	5 kg
			III	38, 94, 116	5 kg	E1			25 kg
UN1749	CHLORINE TRIFLUORIDE	2.3 (5.1) (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN1750	CHLOROACETIC ACID SOLUTION	6.1 (8)	II		0.1 L	E4	1 000		1 L
UN1751	CHLOROACETIC ACID, SOLID	6.1 (8)	II		0.5 kg	E4	1 000		15 kg
UN1752	CHLOROACETYL CHLORIDE	6.1 (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1753	CHLOROPHENYLTRICHLOROSILANE	8	II		0	E0			Forbidden
UN1754	CHLOROSULFONIC ACID (with or without sulfur trioxide); or CHLOROSULPHONIC ACID (with or without sulphur trioxide)	8	I	23	0	E0	1 000		Forbidden

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UN1755	CHROMIC ACID SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1756	CHROMIC FLUORIDE, SOLID	8	II		1 kg	E2			15 kg
UN1757	CHROMIC FLUORIDE SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1758	CHROMIUM OXYCHLORIDE	8	I		0	E0	1 000		0.5 L
UN1759	CORROSIVE SOLID, N.O.S.	8	I	16	0	E0	3 000		1 kg
			II	16	1 kg	E2			15 kg
			III	16	5 kg	E1			25 kg
UN1760	CORROSIVE LIQUID, N.O.S.	8	I	16	0	E0	3 000		0.5 L
			II	16	1 L	E2			1 L
			III	16	5 L	E1			5 L
UN1761	CUPRIETHYLENEDIAMINE SOLUTION	8 (6.1)	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1762	CYCLOHEXENYLTRICHLOROSILANE	8	II		0	E0			Forbidden
UN1763	CYCLOHEXYLTRICHLOROSILANE	8	II		0	E0			Forbidden
UN1764	DICHLOROACETIC ACID	8	II		1 L	E2			1 L
UN1765	DICHLOROACETYL CHLORIDE	8	II		1 L	E2		Forbidden	1 L
UN1766	DICHLOROPHENYLTRICHLOROSILANE	8	II		0	E0			Forbidden
UN1767	DIETHYLDICHLOROSILANE	8 (3)	II		0	E0			Forbidden
UN1768	DIFLUOROPHOSPHORIC ACID, ANHYDROUS	8	II		1 L	E2			1 L
UN1769	DIPHENYLDICHLOROSILANE	8	II		0	E0			Forbidden
UN1770	DIPHENYLMETHYL BROMIDE	8	II		1 kg	E2		Forbidden	15 kg
UN1771	DODECYLTRICHLOROSILANE	8	II		0	E0			Forbidden
UN1773	FERRIC CHLORIDE, ANHYDROUS	8	III		5 kg	E1			25 kg
UN1774	FIRE EXTINGUISHER CHARGES, corrosive liquid	8	II		1 L	E0			1 L
UN1775	FLUOROBORIC ACID	8	II		1 L	E2			1 L
UN1776	FLUOROPHOSPHORIC ACID, ANHYDROUS	8	II		1 L	E2			1 L
UN1777	FLUOROSULFONIC ACID; or FLUOROSULPHONIC ACID	8	I		0	E0	1 000	Forbidden	0.5 L
UN1778	FLUOROSILICIC ACID	8	II		1 L	E2			1 L
UN1779	FORMIC ACID with more than 85% acid by mass	8 (3)	II		1 L	E2			1 L
UN1780	FUMARYL CHLORIDE	8	II		1 L	E2			1 L
UN1781	HEXADECYLTRICHLOROSILANE	8	II		0	E0			Forbidden
UN1782	HEXAFLUOROPHOSPHORIC ACID	8	II		1 L	E2			1 L
UN1783	HEXAMETHYLENEDIAMINE SOLUTION	8	II		1 L	E2			1 L

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			III		5 L	E1			5 L
UN1784	HEXYLTRICHLOROSILANE	8	II		0	E0			Forbidden
UN1786	HYDROFLUORIC ACID AND SULFURIC ACID MIXTURE; or HYDROFLUORIC ACID AND SULPHURIC ACID MIXTURE	8 (6.1)	I		0	E0	1 000	Forbidden	Forbidden
UN1787	HYDRIODIC ACID	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1788	HYDROBROMIC ACID	8	II		1 L	E2	3 000		Forbidden
			III		5 L	E1			Forbidden
UN1789	HYDROCHLORIC ACID	8	II		1 L	E2	3 000		1 L
			III		5 L	E1			5 L
UN1790	HYDROFLUORIC ACID, with more than 60% hydrogen fluoride	8 (6.1)	I		0	E0	1 000	Forbidden	0.5 L
	HYDROFLUORIC ACID, with not more than 60% hydrogen fluoride	8 (6.1)	II		1 L	E2	1 000	Forbidden	1 L
UN1791	HYPOCHLORITE SOLUTION with more than 7% available chlorine	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1792	IODINE MONOCHLORIDE, SOLID	8	II		1 kg	E0		Forbidden	Forbidden
UN1793	ISOPROPYL ACID PHOSPHATE	8	III		5 L	E1			25 L
UN1794	LEAD SULFATE with more than 3% free acid; or LEAD SULPHATE with more than 3% free acid	8	II		1 kg	E2			15 kg
UN1796	NITRATING ACID MIXTURE with more than 50% nitric acid	8 (5.1)	I		0	E0	3 000	Forbidden	Forbidden
UN1796	NITRATING ACID MIXTURE with not more than 50% nitric acid	8	II		1 L	E0		Forbidden	Forbidden
UN1798	NITROHYDROCHLORIC ACID	8	I		0	E0	1 000	Forbidden	Forbidden
UN1799	NONYLTRICHLOROSILANE	8	II		0	E0			Forbidden
UN1800	OCTADECYLTRICHLOROSILANE	8	II		0	E0			Forbidden
UN1801	OCTYLTRICHLOROSILANE	8	II		0	E0			Forbidden
UN1802	PERCHLORIC ACID with not more than 50% acid, by mass	8 (5.1)	II		1 L	E0	3 000		Forbidden
UN1803	PHENOLSULFONIC ACID, LIQUID; or PHENOLSULPHONIC ACID, LIQUID	8	II		1 L	E2			1 L
UN1804	PHENYLTRICHLOROSILANE	8	II		0	E0			Forbidden
UN1805	PHOSPHORIC ACID SOLUTION	8	III		5 L	E1			5 L
UN1806	PHOSPHORUS PENTACHLORIDE	8	II		1 kg	E0	1 000		Forbidden
UN1807	PHOSPHORUS PENTOXIDE	8	II		1 kg	E2	1 000		15 kg
UN1808	PHOSPHORUS TRIBROMIDE	8	II		1 L	E0			Forbidden

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UN1809	PHOSPHORUS TRICHLORIDE	6.1 (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1810	PHOSPHORUS OXYCHLORIDE	6.1 (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN1811	POTASSIUM HYDROGEN DIFLUORIDE, SOLID	8 (6.1)	II		1 kg	E2			15 kg
UN1812	POTASSIUM FLUORIDE, SOLID	6.1	III		5 kg	E1			100 kg
UN1813	POTASSIUM HYDROXIDE, SOLID	8	II		1 kg	E2			15 kg
UN1814	POTASSIUM HYDROXIDE SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1815	PROPYONYL CHLORIDE	3 (8)	II		1 L	E2			1 L
UN1816	PROPYLTRICHLOROSILANE	8 (3)	II		0	E0	3 000		Forbidden
UN1817	PYROSULFURYL CHLORIDE; or PYROSULPHURYL CHLORIDE	8	II		1 L	E2	1 000		1 L
UN1818	SILICON TETRACHLORIDE	8	II		0	E0			Forbidden
UN1819	SODIUM ALUMINATE SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1823	SODIUM HYDROXIDE, SOLID	8	II		1 kg	E2			15 kg
UN1824	SODIUM HYDROXIDE SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1825	SODIUM MONOXIDE	8	II		1 kg	E2			15 kg
UN1826	NITRATING ACID MIXTURE, SPENT, with more than 50% nitric acid	8 (5.1)	I	19	0	E0	3 000	Forbidden	Forbidden
UN1826	NITRATING ACID MIXTURE, SPENT, with not more than 50% nitric acid	8	II	19	1 L	E0		Forbidden	Forbidden
UN1827	STANNIC CHLORIDE, ANHYDROUS	8	II		1 L	E2			1 L
UN1828 <small>SOR/2017-137</small>	SULFUR CHLORIDES; or SULPHUR CHLORIDES	8	I	166	0	E0	3 000		Forbidden
UN1829 <small>SOR/2017-137</small>	SULFUR TRIOXIDE, STABILIZED; or SULPHUR TRIOXIDE, STABILIZED	8	I	23, 155	0	E0	3 000		Forbidden
UN1830	SULFURIC ACID with more than 51% acid; or SULPHURIC ACID with more than 51% acid	8	II		1 L	E2	3 000		1 L
UN1831 <small>SOR/2017-137</small>	SULFURIC ACID, FUMING; or SULPHURIC ACID, FUMING	8 (6.1)	I	23, 168	0	E0	1 000		Forbidden
UN1832	SULFURIC ACID, SPENT; or SULPHURIC ACID, SPENT	8	II	19	1 L	E0			Forbidden

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UN1833	SULFUROUS ACID; or SULPHUROUS ACID	8	II		1 L	E2			1 L
UN1834	SULFURYL CHLORIDE; or SULPHURYL CHLORIDE	6.1 (8)	I	23	0	E0	3 000	Forbidden	Forbidden
UN1835	TETRAMETHYLMONIUM HYDROXIDE SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1836	THIONYL CHLORIDE	8	I		0	E0	3 000		Forbidden
UN1837	THIOPHOSPHORYL CHLORIDE	8	II		1 L	E0			Forbidden
UN1838	TITANIUM TETRACHLORIDE	6.1 (8)	I	23	0	E0		Forbidden	Forbidden
UN1839	TRICHLOROACETIC ACID	8	II		1 kg	E2			15 kg
UN1840	ZINC CHLORIDE SOLUTION	8	III		5 L	E1			5 L
UN1841	ACETALDEHYDE AMMONIA	9	III		5 kg	E1			200 kg
UN1843	AMMONIUM DINITRO-o-CRESOLATE, SOLID	6.1	II		0.5 kg	E4			25 kg
UN1845	CARBON DIOXIDE, SOLID; or DRY ICE	9		18	0	E0			200 kg
UN1846	CARBON TETRACHLORIDE	6.1	II		0.1 L	E4			5 L
UN1847	POTASSIUM SULFIDE, HYDRATED with not less than 30% water of crystallization; or POTASSIUM SULPHIDE, HYDRATED with not less than 30% water of crystallization	8	II		1 kg	E2			15 kg
UN1848	PROPIONIC ACID with not less than 10% and less than 90% acid by mass	8	III		5 L	E1			5 L
UN1849	SODIUM SULFIDE, HYDRATED with not less than 30% water; or SODIUM SULPHIDE, HYDRATED with not less than 30% water	8	II		1 kg	E2			15 kg
UN1851	MEDICINE, LIQUID, TOXIC, N.O.S.	6.1	II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN1854	BARIUM ALLOYS, PYROPHORIC	4.2	I	38	0	E0	1 000	Forbidden	Forbidden
UN1855	CALCIUM ALLOYS, PYROPHORIC; or CALCIUM, PYROPHORIC	4.2	I	38	0	E0	1 000	Forbidden	Forbidden
UN1856	RAGS, OILY, regulated only when transported by ship	4.2		97	0	E0			Forbidden
UN1857	TEXTILE, WASTE, WET, regulated only when transported by ship	4.2	III	97	0	E1			Forbidden
UN1858	HEXAFLUOROPROPYLENE; or REFRIGERANT GAS R 1216	2.2			0.125 L	E1			75 L

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UN1859	SILICON TETRAFLUORIDE	2.3 (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN1860 <i>SOR/2017-137</i>	VINYL FLUORIDE, STABILIZED	2.1		155	0.125 L	E0	3 000	Forbidden	Forbidden
UN1862	ETHYL CROTONATE	3	II		1 L	E2			5 L
UN1863 <i>SOR/2017-137</i>	FUEL, AVIATION, TURBINE ENGINE	3	I	17, 150	0.5 L	E3		Forbidden	1 L
			II	17, 150	1 L	E2			5 L
			III	17, 150	5 L	E1			60 L
UN1865	<i>n</i> -PROPYL NITRATE	3	II	38	1 L	E2		Forbidden	5 L
UN1866	RESIN SOLUTION, flammable	3	I		0.5 L	E3		Forbidden	1 L
			II		5 L	E2			5 L
			III		5 L	E1			60 L
UN1868	DECABORANE	4.1 (6.1)	II	38	1 kg	E0	75		Forbidden
UN1869	MAGNESIUM in pellets, turnings or ribbons; or MAGNESIUM ALLOYS with more than 50% magnesium, in pellets, turnings or ribbons	4.1	III		5 kg	E1			25 kg
UN1870	POTASSIUM BOROHYDRIDE	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN1871	TITANIUM HYDRIDE	4.1	II		1 kg	E2		Forbidden	15 kg
UN1872	LEAD DIOXIDE	5.1	III		5 kg	E1			25 kg
UN1873	PERCHLORIC ACID with more than 50% but not more than 72% acid, by mass	5.1 (8)	I	68	0	E0	1 000	Forbidden	Forbidden
UN1884	BARIUM OXIDE	6.1	III		5 kg	E1			100 kg
UN1885	BENZIDINE	6.1	II		0.5 kg	E4			25 kg
UN1886	BENZYLIDENE CHLORIDE	6.1	II		0.1 L	E4		Forbidden	5 L
UN1887	BROMOCHLOROMETHANE	6.1	III		5 L	E1			60 L
UN1888	CHLOROFORM	6.1	III		5 L	E1			60 L
UN1889	CYANOGEN BROMIDE	6.1 (8)	I	38	0	E0	1 000	Forbidden	1 kg
UN1891	ETHYL BROMIDE	6.1	II		0.1 L	E4			5 L
UN1892	ETHYLDICHLOROARSINE	6.1	I	23	0	E0	1 000	Forbidden	Forbidden
UN1894	PHENYLMERCURIC HYDROXIDE	6.1	II		0.5 kg	E4			25 kg
UN1895	PHENYLMERCURIC NITRATE	6.1	II		0.5 kg	E4			25 kg
UN1897	TETRACHLOROETHYLENE	6.1	III		5 L	E1			60 L
UN1898	ACETYL IODIDE	8	II		1 L	E2			1 L
UN1902	DIISOCTYL ACID PHOSPHATE	8	III		5 L	E1			5 L
UN1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	I	16	0	E0	3 000		0.5 L
			II	16	1 L	E2			1 L
			III	16	5 L	E1			5 L
UN1905	SELENIC ACID	8	I		0	E0	3 000		Forbidden

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UN1906	SLUDGE ACID	8	II		1 L	E0			Forbidden
UN1907	SODA LIME with more than 4% sodium hydroxide	8	III		5 kg	E1			25 kg
UN1908	CHLORITE SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1910	CALCIUM OXIDE, regulated only when transported by aircraft	8	III	63	5 kg	E1			25 kg
UN1911	DIBORANE	2.3 (2.1)		23, 38	0	E0	50	Forbidden	Forbidden
UN1912	METHYL CHLORIDE AND METHYLENE CHLORIDE MIXTURE	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN1913	NEON, REFRIGERATED LIQUID	2.2		38	0.125 L	E1		Forbidden	50 L
UN1914	BUTYL PROPIONATES	3	III		5 L	E1			60 L
UN1915	CYCLOHEXANONE	3	III		5 L	E1			60 L
UN1916	2,2'-DICHLORO DIETHYL ETHER	6.1 (3)	II		0.1 L	E4	1 000		5 L
UN1917 <small>SOR/2017-137</small>	ETHYL ACRYLATE, STABILIZED	3	II	155	1 L	E2			5 L
UN1918	ISOPROPYLBENZENE	3	III		5 L	E1			60 L
UN1919 <small>SOR/2017-137</small>	METHYL ACRYLATE, STABILIZED	3	II	155	1 L	E2			5 L
UN1920	NONANES	3	III		5 L	E1			60 L
UN1921 <small>SOR/2017-137</small>	PROPYLENEIMINE, STABILIZED	3 (6.1)	I	155	0	E0	1 000		1 L
UN1922	PYRROLIDINE	3 (8)	II		1 L	E2			1 L
UN1923	CALCIUM DITHIONITE; CALCIUM HYDROSULFITE; or CALCIUM HYDROSULPHITE	4.2	II		0	E2	3 000	Forbidden	15 kg
UN1928	METHYL MAGNESIUM BROMIDE IN ETHYL ETHER	4.3 (3)	I		0	E0	1 000	Forbidden	Forbidden
UN1929	POTASSIUM DITHIONITE; POTASSIUM HYDROSULFITE; or POTASSIUM HYDROSULPHITE	4.2	II		0	E2	3 000	Forbidden	15 kg
UN1931	ZINC DITHIONITE; ZINC HYDROSULFITE; or ZINC HYDROSULPHITE	9	III		5 kg	E1			100 kg
UN1932	ZIRCONIUM SCRAP	4.2	III		0	E0		Forbidden	Forbidden
UN1935	CYANIDE SOLUTION, N.O.S.	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1938	BROMOACETIC ACID SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN1939	PHOSPHORUS OXYBROMIDE	8	II		1 kg	E0			Forbidden
UN1940	THIOGLYCOLIC ACID	8	II		1 L	E2			1 L
UN1941	DIBROMODIFLUOROMETHANE	9	III		5 L	E1			100 L
UN1942	AMMONIUM NITRATE with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	III	37	5 kg	E1			25 kg
UN1944 <small>SOR/2017-137</small>	MATCHES, SAFETY (book, card or strike on box)	4.1	III	69, 163	5 kg	E1			25 kg
UN1945 <small>SOR/2017-137</small>	MATCHES, WAX "VESTA"	4.1	III	69, 163	5 kg	E1			25 kg

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UN Number	Shipping Name and Description	Class	Packing Group/ Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1950	AEROSOLS containing compressed oxygen	2.2 (5.1)		80	0.125 L	E0			75 L
UN1950	AEROSOLS, flammable	2.1		80, 107	1 L	E0			75 L
UN1950	AEROSOLS, flammable, containing substances in Class 6.1, packing group II	2.1 (6.1)		80	0.125 L	E0			Forbidden
UN1950	AEROSOLS, flammable, containing substances in Class 6.1, packing group III	2.1 (6.1)		80	0.125 L	E0			75 L
UN1950	AEROSOLS, flammable, containing substances in Class 6.1, packing group III and in Class 8, packing group II	2.1 (8) (6.1)		80	0.125 L	E0			Forbidden
UN1950	AEROSOLS, flammable, containing substances in Class 6.1, packing group III and in Class 8, packing group III	2.1 (6.1) (8)		80	0.125 L	E0			75 L
UN1950	AEROSOLS, flammable, containing substances in Class 8, packing group II	2.1 (8)		80	1 L	E0			Forbidden
UN1950	AEROSOLS, flammable, containing substances in Class 8, packing group III	2.1 (8)		80	1 L	E0			75 L
UN1950	AEROSOLS, non-flammable	2.2		80, 107	1 L	E0			75 L
UN1950	AEROSOLS, non-flammable, containing substances in Class 6.1, packing group II	2.2 (6.1)		80	0.125 L	E0			Forbidden
UN1950	AEROSOLS, non-flammable, containing substances in Class 6.1, packing group III	2.2 (6.1)		80	0.125 L	E0			75 L
UN1950	AEROSOLS, non-flammable, containing substances in Class 6.1, packing group III and in Class 8, packing group II	2.2 (8) (6.1)		80	0.125 L	E0			Forbidden
UN1950	AEROSOLS, non-flammable, containing substances in Class 6.1, packing group III and in Class 8, packing group III	2.2 (6.1) (8)		80	0.125 L	E0			75 L
UN1950	AEROSOLS, non-flammable, containing substances in Class 8, packing group II	2.2 (8)		80	1 L	E0			Forbidden
UN1950	AEROSOLS, non-flammable, containing substances in Class 8, packing group III	2.2 (8)		80	1 L	E0			75 L
UN1951	ARGON, REFRIGERATED LIQUID	2.2			0.125 L	E1		Forbidden	75 L
UN1952	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with not more than 9% ethylene oxide	2.2			0.125 L	E1			75 L
UN1953	COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.	2.3 (2.1)		16, 23, 38	0	E0	50	Forbidden	Forbidden
UN1954	COMPRESSED GAS, FLAMMABLE, N.O.S.	2.1		16	0.125 L	E0	3 000	Forbidden	Forbidden
UN1955	COMPRESSED GAS, TOXIC, N.O.S.	2.3		16, 23, 38	0	E0	50	Forbidden	Forbidden
UN1956	COMPRESSED GAS, N.O.S.	2.2		16, 148	0.125 L	E0			75 L
UN1957	DEUTERIUM, COMPRESSED	2.1		38	0.125 L	E1	3 000	Forbidden	Forbidden
UN1958	1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE; or REFRIGERANT GAS R 114	2.2			0.125 L	E0			75 L
UN1959	1,1-DIFLUOROETHYLENE; or REFRIGERANT GAS R 1132a	2.1		38	0.125 L	E0	3 000	Forbidden	Forbidden
UN1961	ETHANE, REFRIGERATED LIQUID	2.1			0.125 L	E0	3 000	Forbidden	Forbidden

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1962	ETHYLENE	2.1			0.125 L	E1	3 000	Forbidden	Forbidden
UN1963	HELUM, REFRIGERATED LIQUID	2.2			0.125 L	E0		Forbidden	50 L
UN1964	HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S.	2.1		16	0.125 L	E0	3 000	Forbidden	Forbidden
UN1965	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S.	2.1		16	0.125 L	E0	3 000	Forbidden	Forbidden
UN1966	HYDROGEN, REFRIGERATED LIQUID	2.1			0	E0	3 000	Forbidden	Forbidden
UN1967	INSECTICIDE GAS, TOXIC, N.O.S.	2.3		16, 23, 38	0	E1	25	Forbidden	Forbidden
UN1968	INSECTICIDE GAS, N.O.S.	2.2		16	0.125 L	E0			75 L
UN1969	ISOBUTANE	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN1970	KRYPTON, REFRIGERATED LIQUID	2.2		38	0.125 L	E1		Forbidden	50 L
UN1971	METHANE, COMPRESSED; or NATURAL GAS, COMPRESSED with high methane content	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN1972	METHANE, REFRIGERATED LIQUID; or NATURAL GAS, REFRIGERATED LIQUID with high methane content	2.1			0	E0	3 000	Forbidden	Forbidden
UN1973	CHLORODIFLUOROMETHANE AND CHLOROPENTAFLUOROETHANE MIXTURE with fixed boiling point, with approximately 49% chlorodifluoromethane; or REFRIGERANT GAS R 502	2.2			0.125 L	E1			75 L
UN1974	CHLORODIFLUOROBROMOMETHANE; or REFRIGERANT GAS R 12B1	2.2			0.125 L	E1			75 L
UN1975	NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURE; or NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURE	2.3 (5.1) (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN1976	OCTAFLUOROCYCLOBUTANE; or REFRIGERANT GAS RC 318	2.2			0.125 L	E1			75 L
UN1977	NITROGEN, REFRIGERATED LIQUID	2.2			0.125 L	E1		450	50 L
UN1978	PROPANE	2.1		88	0.125 L	E0	3 000	110	Forbidden
UN1982	REFRIGERANT GAS R 14; or TETRAFLUOROMETHANE	2.2		38	0.125 L	E1			75 L
UN1983	1-CHLORO-2,2,2-TRIFLUOROETHANE; or REFRIGERANT GAS R 133a	2.2			0.125 L	E1			75 L
UN1984	REFRIGERANT GAS R 23; or TRIFLUOROMETHANE	2.2			0.125 L	E1			75 L

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3 (6.1)	I	16	0	E0	1 000	Forbidden	Forbidden
			II	16	1 L	E2			1 L
			III	16	5 L	E1			60 L
UN1987 <i>SOR/2015-100</i>	ALCOHOLS, N.O.S.	3	II	16, 150	1 L	E2			5 L
			III	16, 150	5 L	E1			60 L
UN1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	3 (6.1)	I	16	0	E0	1 000	Forbidden	Forbidden
			II	16	1 L	E2			1 L
			III	16	5 L	E1			60 L
UN1989	ALDEHYDES, N.O.S.	3	I	16	0	E3		Forbidden	1 L
			II	16	1 L	E2			5 L
			III	16	5 L	E1			60 L
UN1990	BENZALDEHYDE	9	III		5 L	E1			100 L
UN1991	CHLOROPRENE, STABILIZED	3 (6.1)	I	155	0	E0	1 000	Forbidden	Forbidden
UN1992	FLAMMABLE LIQUID, TOXIC, N.O.S.	3 (6.1)	I	16	0	E0	1 000	Forbidden	Forbidden
			II	16	1 L	E1			1 L
			III	16	5 L	E2			60 L
UN1993 <i>SOR/2015-100</i>	FLAMMABLE LIQUID, N.O.S.	3	I	16, 150	0	E3		Forbidden	1 L
			II	16, 150	1 L	E2			5 L
			III	16, 150	5 L	E1			60 L
UN1994	IRON PENTACARBONYL	6.1 (3)	I	23, 38	0	E0	1 000	Forbidden	Forbidden
UN1999	TARS, LIQUID, including road oils, and cutback bitumens	3	II		5 L	E2			5 L
			III		5 L	E1			60 L
UN2000	CELLULOID in block, rods, rolls, sheets, tubes, etc., except scrap	4.1	III	160	5 kg	E1			25 kg
UN2001	COBALT NAPHTHENATES, POWDER	4.1	III		5 kg	E1			25 kg
UN2002	CELLULOID, SCRAP	4.2	III		0	E0		Forbidden	Forbidden
UN2004	MAGNESIUM DIAMIDE	4.2	II		0	E2			15 kg
UN2006	PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.	4.2	III	16, 38	0	E0			Forbidden
UN2008	ZIRCONIUM POWDER, DRY	4.2	I	38	0	E0	1 000	Forbidden	Forbidden
			II		0	E2		Forbidden	15 kg
			III		0	E1		Forbidden	25 kg
UN2009	ZIRCONIUM, DRY, finished sheets, strip or coiled wire	4.2	III		0	E1		Forbidden	25 kg
UN2010	MAGNESIUM HYDRIDE	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN2011	MAGNESIUM PHOSPHIDE	4.3 (6.1)	I	38	0	E0	1 000	Forbidden	Forbidden
UN2012	POTASSIUM PHOSPHIDE	4.3 (6.1)	I	38	0	E0	1 000	Forbidden	Forbidden

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN2013	STRONTIUM PHOSPHIDE	4.3 (6.1)	I	38	0	E0	1 000	Forbidden	Forbidden
UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	5.1 (8)	II		1 L	E2		Forbidden	Forbidden
UN2015	HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 60% hydrogen peroxide; or HYDROGEN PEROXIDE, STABILIZED	5.1 (8)	I		0	E0	1 000	Forbidden	Forbidden
UN2016	AMMUNITION, TOXIC, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	6.1			0	E0		Forbidden	Forbidden
UN2017	AMMUNITION, TEAR-PRODUCING, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	6.1 (8)			0	E0		Forbidden	Forbidden
UN2018	CHLOROANILINES, SOLID	6.1	II		0.5 kg	E4			25 kg
UN2019	CHLOROANILINES, LIQUID	6.1	II		0.1 L	E4			5 L
UN2020	CHLOROPHENOLS, SOLID	6.1	III	133	5 kg	E1			100 kg
UN2021	CHLOROPHENOLS, LIQUID	6.1	III		5 L	E1			60 L
UN2022	CRESYLIC ACID	6.1 (8)	II		0.1 L	E4			1 L
UN2023	EPICHLOROHYDRIN	6.1 (3)	II	43	0.1 L	E4	1 000		5 L
UN2024	MERCURY COMPOUND, LIQUID, N.O.S., except mercurous chloride and cinnabar	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN2025 <small>SOR/2017-137</small>	MERCURY COMPOUND, SOLID, N.O.S., except cinnabar	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2026	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E4			100 kg
UN2027	SODIUM ARSENITE, SOLID	6.1	II		0.5 kg	E4			25 kg
UN2028	BOMBS, SMOKE, NON-EXPLOSIVE with corrosive liquid, without initiating device	8	II		0	E0		Forbidden	Forbidden
UN2029	HYDRAZINE, ANHYDROUS	8 (3) (6.1)	I		0	E0	1 000	Forbidden	Forbidden
UN2030	HYDRAZINE, AQUEOUS SOLUTION with more than 37% hydrazine, by mass	8 (6.1)	I		0	E0		Forbidden	Forbidden
			II		1 L	E0		Forbidden	Forbidden
			III		5 L	E1		5 L	5 L

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UN2031	NITRIC ACID, other than red fuming, with more than 70% nitric acid	8 (5.1)	I		0	E1	3 000	Forbidden	Forbidden
	NITRIC ACID, other than red fuming, with at least 65%, but not more than 70% nitric acid	8 (5.1)	II		1 L	E0		Forbidden	Forbidden
	NITRIC ACID, other than red fuming, with less than 65% nitric acid	8	II		1 L	E2		Forbidden	Forbidden
UN2032	NITRIC ACID, RED FUMING	8 (5.1) (6.1)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2033	POTASSIUM MONOXIDE	8	II		1 kg	E2			15 kg
UN2034	HYDROGEN AND METHANE MIXTURE, COMPRESSED	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN2035	REFRIGERANT GAS R 143a; or 1,1,1-TRIFLUOROETHANE	2.1			0.125 L	E0	3 000		Forbidden
UN2036	XENON	2.2		38, 148	0.125 L	E1			75 L
UN2037 <small>SOR/2016-95</small>	GAS CARTRIDGES without a release device, non-refillable; or RECEPTACLES, SMALL, CONTAINING GAS without a release device, non-refillable	2.1		80,107	0.125 L	E0			1 L
UN2037 <small>SOR/2016-95</small>	GAS CARTRIDGES without a release device, non-refillable; or RECEPTACLES, SMALL, CONTAINING GAS without a release device, non-refillable	2.2		80,107	0.125 L	E0			1 L
UN2038	DINITROTOLUENES, LIQUID	6.1	II		0.1 L	E4			5 L
UN2044	2,2-DIMETHYLPROPANE	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN2045	ISOBUTYL ALDEHYDE; or ISOBUTYRALDEHYDE	3	II		1 L	E2		Forbidden	5 L
UN2046	CYMENES	3	III		5 L	E1			60 L
UN2047	DICHLOROPROPENES	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN2048	DICYCLOPENTADIENE	3	III		5 L	E1			60 L
UN2049	DIETHYLBENZENE	3	III		5 L	E1			60 L
UN2050	DIISOBUTYLENE, ISOMERIC COMPOUNDS	3	II		1 L	E2			5 L
UN2051	2-DIMETHYLAMINOETHANOL	8 (3)	II		1 L	E2			1 L
UN2052	DIPENTENE	3	III		5 L	E1			60 L
UN2053	METHYL ISOBUTYL CARBINOL	3	III		5 L	E1			60 L
UN2054	MORPHOLINE	8 (3)	I		0	E0	3 000		0.5 L
UN2055 <small>SOR/2017-137</small>	STYRENE MONOMER, STABILIZED	3	III	155	5 L	E1			60 L
UN2056	TETRAHYDROFURAN	3	II		1 L	E2			5 L

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UN2057	TRIPROPYLENE	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN2058	VALERALDEHYDE	3	II		1 L	E2			5 L
UN2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose	3	I		0	E0		Forbidden	1 L
			II		1 L	E0			5 L
			III		5 L	E0			60 L
UN2067	AMMONIUM NITRATE BASED FERTILIZER	5.1	III	37, 68, 112, 113	5 kg	E1			25 kg
UN2071	AMMONIUM NITRATE BASED FERTILIZER	9	III	112, 114	5 kg	E1			200 kg
UN2073	AMMONIA SOLUTION, relative density less than 0.880 at 15°C in water, with more than 35% but not more than 50% ammonia	2.2			0.125 L	E0	3 000	Forbidden	Forbidden
UN2074	ACRYLAMIDE, SOLID	6.1	III		5 kg	E1			100 kg
UN2075	CHLORAL, ANHYDROUS, STABILIZED	6.1	II		0.1 L	E4		Forbidden	5 L
UN2076	CRESOLS, LIQUID	6.1 (8)	II		0.1 L	E4			Forbidden
UN2077	<i>alpha</i> -NAPHTHYLAMINE	6.1	III		5 kg	E1			100 kg
UN2078	TOLUENE DIISOCYANATE	6.1	II	43	0.1 L	E4	1 000		5 L
UN2079	DIETHYLENETRIAMINE	8	II		1 L	E2			1 L
UN2186	HYDROGEN CHLORIDE, REFRIGERATED LIQUID	2.3 (8)		23, 38, 68	0	E0	500	Forbidden	Forbidden
UN2187	CARBON DIOXIDE, REFRIGERATED LIQUID	2.2			0.125 L	E1		Forbidden	50 L
UN2188	ARSINE	2.3 (2.1)		23, 38	0	E0	25	Forbidden	Forbidden
UN2189	DICHLOROSILANE	2.3 (2.1) (8)		23, 38	0	E0	50	Forbidden	Forbidden
UN2190	OXYGEN DIFLUORIDE, COMPRESSED	2.3 (5.1) (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN2191	SULFURYL FLUORIDE; or SULPHURYL FLUORIDE	2.3		23	0	E0	500	Forbidden	Forbidden
UN2192	GERMANE	2.3 (2.1)		23, 38	0	E0	25	Forbidden	Forbidden
UN2193	HEXAFLUOROETHANE; or REFRIGERANT GAS R 116	2.2			0.125 L	E1			75 L
UN2194	SELENIUM HEXAFLUORIDE	2.3 (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN2195	TELLURIUM HEXAFLUORIDE	2.3 (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN2196	TUNGSTEN HEXAFLUORIDE	2.3 (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN2197	HYDROGEN IODIDE, ANHYDROUS	2.3 (8)		23, 38	0	E0	500	Forbidden	Forbidden

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UN2198	PHOSPHORUS PENTAFLUORIDE	2.3 (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN2199	PHOSPHINE	2.3 (2.1)		23, 38	0	E0	25	Forbidden	Forbidden
UN2200	PROPADIENE, STABILIZED <small>SOR/2017-137</small>	2.1		155	0	E0	3 000		Forbidden
UN2201	NITROUS OXIDE, REFRIGERATED LIQUID	2.2 (5.1)			0	E0	3 000	Forbidden	Forbidden
UN2202	HYDROGEN SELENIDE, ANHYDROUS	2.3 (2.1)		23, 38	0	E0	25	Forbidden	Forbidden
UN2203	SILANE	2.1		38	0	E0	25	Forbidden	Forbidden
UN2204	CARBONYL SULFIDE; or CARBONYL SULPHIDE	2.3 (2.1)		23, 38	0	E0	500	Forbidden	Forbidden
UN2205	ADIPONITRILE	6.1	III		5 L	E1			60 L
UN2206	ISOCYANATE SOLUTION, TOXIC, N.O.S.; or ISOCYANATES, TOXIC, N.O.S.	6.1	II	16	0.1 L	E4	3 000	Forbidden	5 L
			III	16	5 L	E1		Forbidden	60 L
UN2208	CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine	5.1	III	94	5 kg	E1		Forbidden	25 kg
UN2209	FORMALDEHYDE SOLUTION with not less than 25% formaldehyde	8	III		5 L	E1			5 L
UN2210	MANEB; or MANEB PREPARATION with not less than 60% maneb	4.2 (4.3)	III	45	0	E1			25 kg
UN2211	POLYMERIC BEADS, EXPANDABLE, evolving flammable vapour	9	III		5 kg	E1		Forbidden	100 kg
UN2212	ASBESTOS , AMPHIBOLE (actinolite, amosite, anthophyllite, crocidolite, tremolite), when not fixed in a natural or artificial binder material or included in a manufactured product	9	II	139	1 kg	E0			Forbidden
UN2213	PARAFORMALDEHYDE	4.1	III		5 kg	E1			25 kg
UN2214	PHTHALIC ANHYDRIDE with more than 0.05% of maleic anhydride	8	III		5 kg	E1			25 kg
UN2215	MALEIC ANHYDRIDE	8	III		5 kg	E1			25 kg
	MALEIC ANHYDRIDE, MOLTEN	8	III		0	E0			Forbidden
UN2216	FISH MEAL, STABILIZED, regulated only when transported by ship; or FISH SCRAP, STABILIZED, regulated only when transported by ship	9	III	97, 131, 132	5 kg	E1			
UN2217	SEED CAKE with not more than 1.5% oil and not more than 11% moisture	4.2	III	36	0	E0			Forbidden
UN2218	ACRYLIC ACID, STABILIZED <small>SOR/2017-137</small>	8 (3)	II	155	1 L	E2			1 L
UN2219	ALLYL GLYCIDYL ETHER	3	III		5 L	E1			60 L

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UN2222	ANISOLE	3	III		5 L	E1			60 L
UN2224	BENZONITRILE	6.1	II		0.1 L	E4			5 L
UN2225	BENZENESULFONYL CHLORIDE; or BENZENESULPHONYL CHLORIDE	8	III		5 L	E1			5 L
UN2226	BENZOTRICHLORIDE	8	II		1 L	E2	3 000		1 L
UN2227 <i>SOR/2017-137</i>	<i>n</i> -BUTYL METHACRYLATE, STABILIZED	3	III	155	5 L	E1			60 L
UN2232	2-CHLOROETHANAL	6.1	I	23	0	E0	1 000	Forbidden	Forbidden
UN2233	CHLOROANISIDINES	6.1	III		5 kg	E1			100 kg
UN2234	CHLOROBENZOTRIFLUORIDES	3	III		5 L	E1			60 L
UN2235	CHLOROBENZYL CHLORIDES, LIQUID	6.1	III		5 L	E1			60 L
UN2236	3-CHLORO-4-METHYLPHENYL ISOCYANATE, LIQUID	6.1	II		0.1 L	E4			5 L
UN2237	CHLORONITROANILINES	6.1	III		5 kg	E1			100 kg
UN2238	CHLOROTOLUENES	3	III		5 L	E1			60 L
UN2239	CHLOROTOLUIDINES, SOLID	6.1	III		5 kg	E1			100 kg
UN2240	CHROMOSULFURIC ACID; or CHROMOSULPHURIC ACID	8	I		0	E0	3 000		0.5 L
UN2241	CYCLOHEPTANE	3	II		1 L	E2			5 L
UN2242	CYCLOHEPTENE	3	II		1 L	E2			5 L
UN2243	CYCLOHEXYL ACETATE	3	III		5 L	E1			60 L
UN2244	CYCLOPENTANOL	3	III		5 L	E1			60 L
UN2245	CYCLOPENTANONE	3	III		5 L	E1			60 L
UN2246	CYCLOPENTENE	3	II		1 L	E2		Forbidden	5 L
UN2247	<i>n</i> -DECANE	3	III		5 L	E1			60 L
UN2248	DI- <i>n</i> -BUTYLAMINE	8 (3)	II		1 L	E2	3 000		1 L
UN2249	DICHLORODIMETHYL ETHER, SYMMETRICAL	Forbidden							
UN2250	DICHLOROPHENYL ISOCYANATES	6.1	II		0.5 kg	E4			25 kg
UN2251 <i>SOR/2017-137</i>	BICYCLO[2.2.1]HEPTA-2,5-DIENE, STABILIZED; or 2,5-NORBORNADIENE, STABILIZED	3	II	155	1 L	E2		Forbidden	5 L
UN2252	1,2-DIMETHOXYETHANE	3	II		1 L	E2			5 L
UN2253	<i>N,N</i> -DIMETHYLANILINE	6.1	II		0.1 L	E4			5 L
UN2254 <i>SOR/2017-137</i>	MATCHES, FUSEE	4.1	III	69	5 kg	E0			Forbidden
UN2256	CYCLOHEXENE	3	II		1 L	E2		Forbidden	5 L
UN2257	POTASSIUM	4.3	I		0	E0	1 000	Forbidden	Forbidden
UN2258	1,2-PROPYLENEDIAMINE	8 (3)	II		1 L	E2	3 000		1 L

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UN2259	TRIETHYLENETETRAMINE	8	II		1 L	E2			1 L
UN2260	TRIPROPYLAMINE	3 (8)	III		5 L	E1			5 L
UN2261	XYLENOLS, SOLID	6.1	II		0.5 kg	E4			25 kg
UN2262	DIMETHYLCARBAMOYL CHLORIDE	8	II		1 L	E2			1 L
UN2263	DIMETHYLCYCLOHEXANES	3	II		1 L	E2			5 L
UN2264	DIMETHYLCYCLOHEXYLAMINE	8 (3)	II		1 L	E2			1 L
UN2265	N,N-DIMETHYLFORMAMIDE	3	III		5 L	E1			60 L
UN2266	DIMETHYL-N-PROPYLAMINE	3 (8)	II		1 L	E2			1 L
UN2267	DIMETHYL THIOPHOSPHORYL CHLORIDE	6.1 (8)	II		0.1 L	E4			1 L
UN2269	3,3'-IMINODIPROPYLAMINE	8	III		5 L	E1			5 L
UN2270	ETHYLAMINE, AQUEOUS SOLUTION with not less than 50% but not more than 70% ethylamine	3 (8)	II		1 L	E2			1 L
UN2271	ETHYL AMYL KETONE	3	III		5 L	E1			60 L
UN2272	N-ETHYLANILINE	6.1	III		5 L	E1			60 L
UN2273	2-ETHYLANILINE	6.1	III		5 L	E1			60 L
UN2274	N-ETHYL-N-BENZYL ANILINE	6.1	III		5 L	E1			60 L
UN2275	2-ETHYLBUTANOL	3	III		5 L	E1			60 L
UN2276	2-ETHYLHEXYLAMINE	3 (8)	III		5 L	E1			5 L
UN2277	ETHYL METHACRYLATE, STABILIZED <small>SOR/2017-137</small>	3	II	155	1 L	E2			5 L
UN2278	n-HEPTENE	3	II		1 L	E2			5 L
UN2279	HEXACHLOROBUTADIENE	6.1	III		5 L	E1			60 L
UN2280	HEXAMETHYLEDIAMINE, SOLID	8	III		5 kg	E1			25 kg
UN2281	HEXAMETHYLENE DIISOCYANATE	6.1	II		0.1 L	E4			5 L
UN2282	HEXANOLS	3	III		5 L	E1			60 L
UN2283	ISOBUTYL METHACRYLATE, STABILIZED <small>SOR/2017-137</small>	3	III	155	5 L	E1			60 L
UN2284	ISOBUTYRONITRILE	3 (6.1)	II		1 L	E2		Forbidden	1 L
UN2285	ISOCYANATOZENOTRIFLUORIDES <small>SOR/2017-137</small>	6.1 (3)	II	166	0.1 L	E4	1 000	Forbidden	5 L
UN2286	PENTAMETHYLHEPTANE	3	III		5 L	E1			60 L
UN2287	ISOHEPTENES	3	II		1 L	E2			5 L
UN2288	ISOHEXENES	3	II		1 L	E2		Forbidden	5 L
UN2289	ISOPHORONEDIAMINE	8	III		5 L	E1			5 L
UN2290	ISOPHORONE DIISOCYANATE	6.1	III	24	5 kg	E1			60 L
UN2291	LEAD COMPOUND, SOLUBLE, N.O.S.	6.1	III	24	5 kg	E1			100 kg
UN2293	4-METHOXY-4-METHYLPENTAN-2-ONE	3	III		5 L	E1			60 L

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UN2294	N-METHYLANILINE	6.1	III		5 L	E1				60 L	
UN2295	METHYL CHLOROACETATE	6.1 (3)	I		0	E0	1 000	Forbidden		1 L	
UN2296	METHYLCYCLOHEXANE	3	II		1 L	E2				5 L	
UN2297	METHYLCYCLOHEXANONE	3	III		5 L	E1				60 L	
UN2298	METHYLCYCLOPENTANE	3	II		1 L	E2				5 L	
UN2299	METHYL DICHLOROACETATE	6.1	III		5 L	E1				60 L	
UN2300	2-METHYL-5-ETHYLPYRIDINE	6.1	III		5 L	E1				60 L	
UN2301	2-METHYLFURAN	3	II		1 L	E2		Forbidden		5 L	
UN2302	5-METHYLHEXAN-2-ONE	3	III		5 L	E1				60 L	
UN2303	ISOPROPENYLBENZENE	3	III		5 L	E1				60 L	
UN2304	NAPHTHALENE, MOLTEN	4.1	III		0	E0				Forbidden	
UN2305	NITROBENZENESULFONIC ACID; or NITROBENZENESULPHONIC ACID	8	II		1 kg	E2				1 kg	
UN2306	NITROBENZOTRIFLUORIDES, LIQUID	6.1	II		0.1 L	E4				5 L	
UN2307	3-NITRO-4-CHLOROBENZOTRIFLUORIDE	6.1	II		0.1 L	E4				5 L	
UN2308	NITROSYLSULFURIC ACID, LIQUID; or NITROSYLSULPHURIC ACID, LIQUID	8	II		1 L	E2		Forbidden		1 L	
UN2309	OCTADIENE	3	II		1 L	E2				5 L	
UN2310	PENTANE-2,4-DIONE	3 (6.1)	III	43	5 L	E1				60 L	
UN2311	PHENETIDINES	6.1	III		5 L	E1				60 L	
UN2312	PHENOL, MOLTEN	6.1	II		0	E0	3 000			Forbidden	
UN2313	PICOLINES	3	III		5 L	E1				60 L	
UN2315	POLYCHLORINATED BIPHENYLS, LIQUID, regulated only when the concentration is more than 50 ppm, by mass	9	II		1 L	E2				100 L	
UN2316	SODIUM CUPROCYANIDE, SOLID	6.1	I		0	E5	1 000			5 L	
UN2317	SODIUM CUPROCYANIDE SOLUTION	6.1	I		0	E5	1 000			1 L	
UN2318	SODIUM HYDROSULFIDE with less than 25% water of crystallization; or SODIUM HYDROSULPHIDE with less than 25% water of crystallization	4.2	II		0	E2				15 L	
UN2319	TERPENE HYDROCARBONS, N.O.S.	3	III		5 L	E1				60 L	
UN2320	TETRAETHYLENEPENTAMINE	8	III		5 L	E1				5 L	
UN2321	TRICHLOROBENZENES, LIQUID	6.1	III		5 L	E1				60 L	
UN2322	TRICHLOROBUTENE	6.1	II		0.1 L	E4				5 L	
UN2323	TRIETHYL PHOSPHITE	3	III		5 L	E1				60 L	
UN2324	TRIISOBUTYLENE	3	III		5 L	E1				60 L	

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UN2325	1,3,5-TRIMETHYLBENZENE	3	III		5 L	E1			60 L
UN2326	TRIMETHYLCYCLOHEXYLAMINE	8	III		5 L	E1			5 L
UN2327	TRIMETHYLHEXAMETHYLENEDIAMINES	8	III		5 L	E1			5 L
UN2328	TRIMETHYLHEXAMETHYLENE DIISOCYANATE	6.1	III		5 L	E1			60 L
UN2329	TRIMETHYL PHOSPHITE	3	III		5 L	E1			60 L
UN2330	UNDECANE	3	III		5 L	E1			60 L
UN2331	ZINC CHLORIDE, ANHYDROUS	8	III		5 kg	E1			25 kg
UN2332	ACETALDEHYDE OXIME	3	III		5 L	E1			60 L
UN2333	ALLYL ACETATE	3 (6.1)	II		1 L	E2	1 000	Forbidden	1 L
UN2334	ALLYLAMINE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2335	ALLYL ETHYL ETHER	3 (6.1)	II		1 L	E2	1 000	Forbidden	1 L
UN2336	ALLYL FORMATE	3 (6.1)	I		0	E0	1 000	Forbidden	Forbidden
UN2337	PHENYL MERCAPTAN	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2338	BENZOTRIFLUORIDE	3	II		1 L	E2			5 L
UN2339	2-BROMOBUTANE	3	II		1 L	E2			5 L
UN2340	2-BROMOETHYL ETHYL ETHER	3	II		1 L	E2			5 L
UN2341	1-BROMO-3-METHYLBUTANE	3	III		5 L	E1			60 L
UN2342	BROMOMETHYLPROPANES	3	II		1 L	E2			5 L
UN2343	2-BROMOPENTANE	3	II		1 L	E2			5 L
UN2344	BROMOPROPANES	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN2345	3-BROMOPROPYNE	3	II		1 L	E2		Forbidden	5 L
UN2346	BUTANEDIONE	3	II		1 L	E2			5 L
UN2347	BUTYL MERCAPTAN	3	II		1 L	E2			5 L
UN2348	BUTYL ACRYLATES, STABILIZED <small>SOR/2017-137</small>	3	III	155	5 L	E1			60 L
UN2350	BUTYL METHYL ETHER	3	II		1 L	E2			5 L
UN2351	BUTYL NITRITES	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN2352	BUTYL VINYL ETHER, STABILIZED <small>SOR/2017-137</small>	3	II	155	1 L	E2			5 L
UN2353	BUTYRYL CHLORIDE	3 (8)	II		1 L	E2			1 L
UN2354	CHLOROMETHYL ETHYL ETHER	3 (6.1)	II		1 L	E2	3 000	Forbidden	1 L
UN2356	2-CHLOROPROPANE	3	I		0	E3		Forbidden	1 L
UN2357	CYCLOHEXYLAMINE	8 (3)	II		1 L	E2			1 L

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UN2358	CYCLOOCTATETRAENE	3	II		1 L	E2			5 L
UN2359	DIALYLAMINE	3 (6.1) (8)	II		1 L	E2	1 000		1 L
UN2360	DIALYL ETHER	3 (6.1)	II		1 L	E2	1 000	Forbidden	1 L
UN2361	DIISOBUTYLAMINE	3 (8)	III		5 L	E1			5 L
UN2362	1,1-DICHLOROETHANE	3	II		1 L	E2			5 L
UN2363	ETHYL MERCAPTAN	3	I		0	E0		Forbidden	Forbidden
UN2364	n-PROPYLBENZENE	3	III		5 L	E1			60 L
UN2366	DIETHYL CARBONATE	3	III		5 L	E1			60 L
UN2367	alpha-METHYLVALERALDEHYDE	3	II		1 L	E2			5 L
UN2368	alpha-PINENE	3	III		5 L	E1			60 L
UN2370	1-HEXENE	3	II		1 L	E2		Forbidden	5 L
UN2371	ISOPENTENES	3	I		0	E3		Forbidden	1 L
UN2372	1,2-DI-(DIMETHYLAMINO) ETHANE	3	II		1 L	E2			5 L
UN2373	DIETHOXYMETHANE	3	II		1 L	E2			5 L
UN2374	3,3-DIETHOXYPROPENE	3	II		1 L	E2			5 L
UN2375	DIETHYL SULFIDE; or DIETHYL SULPHIDE	3	II		1 L	E2		Forbidden	5 L
UN2376	2,3-DIHYDROPYRAN	3	II		1 L	E2			5 L
UN2377	1,1-DIMETHOXYETHANE	3	II		1 L	E2			5 L
UN2378	2-DIMETHYLAMINOACETONITRILE	3 (6.1)	II		1 L	E2	1 000		1 L
UN2379	1,3-DIMETHYLBUTYLAMINE	3 (8)	II		1 L	E2			1 L
UN2380	DIMETHYLDIETHOXYSILANE	3	II		1 L	E2			5 L
UN2381 <small>SOR/2016-05</small>	DIMETHYL DISULFIDE; or DIMETHYL DISULPHIDE	3 (6.1)	II		1 L	E0	1 000		5 L
UN2382	DIMETHYLHYDRAZINE, SYMMETRICAL	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2383 <small>SOR/2017-137</small>	DIPROPYLAMINE	3 (8)	II	155	1 L	E2	3 000		1 L
UN2384	DI-n-PROPYL ETHER	3	II		1 L	E2			5 L
UN2385	ETHYL ISOBUTYRATE	3	II		1 L	E2			5 L
UN2386	1-ETHYLPIPERIDINE	3 (8)	II		1 L	E2	3 000		1 L
UN2387	FLUOROBENZENE	3	II		1 L	E2			5 L
UN2388	FLUOROTOLUENES	3	II		1 L	E2			5 L
UN2389	FURAN	3	I		0	E3		Forbidden	1 L

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UN2390	2-IODOBUTANE	3	II		1 L	E2				5 L	
UN2391	IODOMETHYLPROPANES	3	II		1 L	E2				5 L	
UN2392	IODOPROPANES	3	III		5 L	E1				60 L	
UN2393	ISOBUTYL FORMATE	3	II		1 L	E2				5 L	
UN2394	ISOBUTYL PROPIONATE	3	III		5 L	E1				60 L	
UN2395	ISOBUTYRYL CHLORIDE	3 (8)	II		1 L	E2	3 000			1 L	
UN2396	METHACRYLALDEHYDE, STABILIZED <small>SOR/2017-137</small>	3 (6.1)	II	155	1 L	E2	1 000	Forbidden		1 L	
UN2397	3-METHYLBUTAN-2-ONE	3	II		1 L	E2				5 L	
UN2398	METHYL <i>tert</i> -BUTYL ETHER	3	II		1 L	E2		Forbidden		5 L	
UN2399	1-METHYLPIPERIDINE	3 (8)	II		1 L	E2				1 L	
UN2400	METHYL ISOVALERATE	3	II		1 L	E2				5 L	
UN2401	PIPERIDINE	8 (3)	I		0	E0	3 000	Forbidden		0.5 L	
UN2402	PROPANETHIOLS	3	II		1 L	E2		Forbidden		5 L	
UN2403	ISOPROPENYL ACETATE	3	II		1 L	E2				5 L	
UN2404	PROPIONITRILE	3 (6.1)	II		1 L	E0	1 000	Forbidden		Forbidden	
UN2405	ISOPROPYL BUTYRATE	3	III		5 L	E1				60 L	
UN2406	ISOPROPYL ISOBUTYRATE	3	II		1 L	E2				5 L	
UN2407	ISOPROPYL CHLOROFORMATE	6.1 (3) (8)	I	23	0	E0	1 000	Forbidden		Forbidden	
UN2409	ISOPROPYL PROPIONATE	3	II		1 L	E2				5 L	
UN2410	1,2,3,6-TETRAHYDROPYRIDINE	3	II		1 L	E2				5 L	
UN2411	BUTYRONITRILE	3 (6.1)	II		1 L	E2	3 000	Forbidden		1 L	
UN2412	TETRAHYDROTHIOPHENE	3	II		1 L	E2				5 L	
UN2413	TETRAPROPYL ORTHOTITANATE	3	III		5 L	E1				60 L	
UN2414	THIOPHENE	3	II		1 L	E2				5 L	
UN2416	TRIMETHYL BORATE	3	II		1 L	E2				5 L	
UN2417	CARBONYL FLUORIDE	2.3 (8)		23, 38	0	E0	50	Forbidden		Forbidden	
UN2418	SULFUR TETRAFLUORIDE; or SULPHUR TETRAFLUORIDE	2.3 (8)		23, 38	0	E0	25	Forbidden		Forbidden	
UN2419	BROMOTRIFLUOROETHYLENE	2.1			0	E0	3 000			Forbidden	
UN2420	HEXAFLUOROACETONE	2.3 (8)		23, 38	0	E0	25	Forbidden		Forbidden	
UN2421	NITROGEN TRIOXIDE	2.3 (5.1) (8)		23, 38	0	E0	25	Forbidden		Forbidden	

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UN2422	OCTAFLUOROBUT-2-ENE; or REFRIGERANT GAS R 1318	2.2			0.125 L	E1			75 L
UN2424	OCTAFLUOROPROPANE; or REFRIGERANT GAS R 218	2.2			0.125 L	E1			75 L
UN2426	AMMONIUM NITRATE, LIQUID (hot concentrated solution), with not more than 0.2% combustible material, in a concentration exceeding 80%	5.1			0	E0	1 000	Forbidden	Forbidden
UN2427	POTASSIUM CHLORATE, AQUEOUS SOLUTION	5.1	II		1 L	E2			1 L
			III		5 L	E1			2.5 L
UN2428	SODIUM CHLORATE, AQUEOUS SOLUTION	5.1	II		1 L	E2			1 L
			III		5 L	E1			2.5 L
UN2429	CALCIUM CHLORATE, AQUEOUS SOLUTION	5.1	II		1 L	E2			1 L
			III		5 L	E1			2.5 L
UN2430	ALKYLPHENOLS, SOLID, N.O.S. (including C <sub>2</sub> -C <sub>12</sub> homologues)	8	I		0	E0	3 000		1 kg
			II		1 kg	E2			15 kg
			III		5 kg	E1			25 kg
UN2431	ANISIDINES	6.1	III		5 L	E1			60 L
UN2432	N,N-DIETHYLANILINE	6.1	III	43	5 L	E1			60 L
UN2433	CHLORONITROTOLUENES, LIQUID	6.1	III		5 L	E1			60 L
UN2434	DIBENZYLIDICHLOROSILANE	8	II		0	E0			1 L
UN2435	ETHYLPHENYLDICHLOROSILANE	8	II		0	E0			Forbidden
UN2436	THIOACETIC ACID	3	II		1 L	E2			5 L
UN2437	METHYLPHENYLDICHLOROSILANE	8	II		0	E0			Forbidden
UN2438	TRIMETHYLACETYL CHLORIDE	6.1 (3) (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2439	SODIUM HYDROGENIFLUORIDE	8	II		1 kg	E2			15 kg
UN2440	STANNIC CHLORIDE PENTAHYDRATE	8	III		5 kg	E1			25 kg
UN2441	TITANIUM TRICHLORIDE MIXTURE, PYROPHORIC; or TITANIUM TRICHLORIDE, PYROPHORIC	4.2 (8)	I		0	E0	1 000	Forbidden	Forbidden
UN2442	TRICHLOROACETYL CHLORIDE	8	II	23	0	E0		Forbidden	Forbidden
UN2443	VANADIUM OXYTRICHLORIDE	8	II		1 L	E0			Forbidden
UN2444	VANADIUM TETRACHLORIDE	8	I		0	E0	3 000		Forbidden
UN2446	NITROCRESOLS, SOLID	6.1	III		5 kg	E1			100 kg
UN2447	PHOSPHORUS, WHITE, MOLTEN	4.2 (6.1)	I		0	E0	1 000	Forbidden	Forbidden

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UN2448	MOLTEN SULFUR; MOLTEN SULPHUR; SULFUR, MOLTEN; or SULPHUR, MOLTEN	4.1	III	32	0	E0			Forbidden
UN2451	NITROGEN TRIFLUORIDE	2.2 (5.1)		38	0	E0	25	Forbidden	75 L
UN2452 <small>SOR/2017-137</small>	ETHYLACETYLENE, STABILIZED	2.1		155	0	E0	3 000		Forbidden
UN2453	ETHYL FLUORIDE; or REFRIGERANT GAS R 161	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN2454	METHYL FLUORIDE; or REFRIGERANT GAS R 41	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN2455	METHYL NITRITE	Forbidden		68					
UN2456	2-CHLOROPROPENE	3	I		0	E3		Forbidden	1 L
UN2457	2,3-DIMETHYLBUTANE	3	II		1 L	E2		Forbidden	5 L
UN2458	HEXADIENE	3	II		1 L	E2			5 L
UN2459	2-METHYL-1-BUTENE	3	I		0	E3		Forbidden	1 L
UN2460	2-METHYL-2-BUTENE	3	II		1 L	E2		Forbidden	5 L
UN2461	METHYLPENTADIENE	3	II		1 L	E2		Forbidden	5 L
UN2463	ALUMINUM HYDRIDE	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN2464	BERYLLIUM NITRATE	5.1 (6.1)	II		1 kg	E2	1 000		5 kg
UN2465	DICHLOROISOCYANURIC ACID, DRY; or DICHLOROISOCYANURIC ACID SALTS, except dihydrated sodium salts	5.1	II		1 kg	E2			5 kg
UN2466	POTASSIUM SUPEROXIDE	5.1	I	38	0	E0	1 000	Forbidden	Forbidden
UN2468	TRICHLOROISOCYANURIC ACID, DRY	5.1	II		1 kg	E2			5 kg
UN2469	ZINC BROMATE	5.1	III		5 kg	E1			25 kg
UN2470	PHENYLACETONITRILE, LIQUID	6.1	III		5 L	E1			60 L
UN2471	OSMIUM TETROXIDE	6.1	I	38	0	E5	1 000		5 kg
UN2473	SODIUM ARSANILATE	6.1	III		5 kg	E1			100 kg
UN2474	THIOPHOSGENE	6.1	I	23, 43	0	E0	1 000	Forbidden	Forbidden
UN2475	VANADIUM TRICHLORIDE	8	III		5 kg	E1			25 kg
UN2477	METHYL ISOTHIOCYANATE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN2478 <i>SOR/2017-137</i>	ISOCYANATES, FLAMMABLE, TOXIC, N.O.S.; or ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.	3 (6.1)	II	16, 166	1 L	E2	1 000	Forbidden	1 L
			III	16, 166	5 L	E1			60 L
UN2480	METHYL ISOCYANATE	6.1 (3)	I	23, 38	0	E0	1 000	Forbidden	Forbidden
UN2481	ETHYL ISOCYANATE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2482	<i>n</i> -PROPYL ISOCYANATE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2483	ISOPROPYL ISOCYANATE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2484	<i>tert</i> -BUTYL ISOCYANATE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2485	<i>n</i> -BUTYL ISOCYANATE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2486	ISOBUTYL ISOCYANATE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2487	PHENYL ISOCYANATE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2488	CYCLOHEXYL ISOCYANATE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2490	DICHLOROISOPROPYL ETHER	6.1	II		0.1 L	E4			5 L
UN2491	ETHANOLAMINE; or ETHANOLAMINE SOLUTION	8	III		5 L	E1			5 L
UN2493	HEXAMETHYLENEIMINE	3 (8)	II		1 L	E2			1 L
UN2495	IODINE PENTAFLUORIDE	5.1 (6.1) (8)	I		0	E0	1 000	Forbidden	Forbidden
UN2496	PROPIONIC ANHYDRIDE	8	III		5 L	E1			5 L
UN2498	1,2,3,6-TETRAHYDROBENZALDEHYDE	3	III		5 L	E1			60 L
UN2501	TRIS-(1-AZIRIDINYL) PHOSPHINE OXIDE SOLUTION	6.1	II		0.1 L	E4			5 L
			III		5 L	E1			60 L
UN2502	VALERYL CHLORIDE	8 (3)	II		1 L	E2			1 L
UN2503	ZIRCONIUM TETRACHLORIDE	8	III		5 kg	E1			25 kg
UN2504	TETRABROMOETHANE	6.1	III		5 L	E1			60 L
UN2505	AMMONIUM FLUORIDE	6.1	III		5 kg	E1			100 kg
UN2506	AMMONIUM HYDROGEN SULFATE; or AMMONIUM HYDROGEN SULPHATE	8	II		1 kg	E2			15 kg
UN2507	CHLOROPLATINIC ACID, SOLID	8	III		5 kg	E1			25 kg
UN2508	MOLYBDENUM PENTACHLORIDE	8	III		5 kg	E1			25 kg

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UN2509	POTASSIUM HYDROGEN SULFATE; or POTASSIUM HYDROGEN SULPHATE	8	II		1 kg	E2			15 kg
UN2511	2-CHLOROPROPIONIC ACID	8	III		5 L	E1			5 L
UN2512	AMINOPHENOLS ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	6.1	III	43	5 kg	E1			100 kg
UN2513	BROMOACETYL BROMIDE	8	II		1 L	E2			1 L
UN2514	BROMOBENZENE	3	III		5 L	E1			60 L
UN2515	BROMOFORM	6.1	III		5 L	E1			60 L
UN2516	CARBON TETRABROMIDE	6.1	III		5 kg	E1			100 kg
UN2517	1-CHLORO-1,1-DIFLUOROETHANE; or REFRIGERANT GAS R 142b	2.1			0.125 L	E0	3 000		Forbidden
UN2518	1,5,9-CYCLODODECATRIENE	6.1	III		5 L	E1			60 L
UN2520	CYCLOOCTADIENES	3	III		5 L	E1			60 L
UN2521	DIKETENE, STABILIZED <small>SOR/2017-137</small>	6.1 (3)	I	23, 155	0	E0	1 000	Forbidden	Forbidden
UN2522	2-DIMETHYLAMINOETHYL METHACRYLATE	6.1	II		0.1 L	E4		Forbidden	5 L
UN2524	ETHYL ORTHOFORMATE	3	III		5 L	E1			60 L
UN2525	ETHYL OXALATE	6.1	III		5 L	E1			60 L
UN2526	FURFURLAMINE	3 (8)	III		5 L	E1			5 L
UN2527	ISOBUTYL ACRYLATE, STABILIZED <small>SOR/2017-137</small>	3	III	155	5 L	E1			60 L
UN2528	ISOBUTYL ISOBUTYRATE	3	III		5 L	E1			60 L
UN2529	ISOBUTYRIC ACID	3 (8)	III		5 L	E1			5 L
UN2531	METHACRYLIC ACID, STABILIZED <small>SOR/2017-137</small>	8	II	155	1 L	E2			1 L
UN2533	METHYL TRICHLOROACETATE	6.1	III		5 L	E1			60 L
UN2534	METHYLCHLOROSILANE	2.3 (2.1) (8)		23	0	E0	25	Forbidden	Forbidden
UN2535	4-METHYLMORPHOLINE; or <i>N</i> -METHYLMORPHOLINE	3 (8)	II		1 L	E2	3 000		1 L
UN2536	METHYLtetrahydrofuran	3	II		1 L	E2			5 L
UN2538	NITRONAPHTHALENE	4.1	III		5 kg	E1			25 kg
UN2541	TERPINOLENE	3	III		5 L	E1			60 L
UN2542	TRIBUTYLAMINE	6.1	II		0.1 L	E4			5 L
UN2545	HAFNIUM POWDER, DRY	4.2	I	38	0	E0	1 000	Forbidden	Forbidden
			II		0	E2		Forbidden	15 kg
			III		0	E1		Forbidden	25 kg
UN2546	TITANIUM POWDER, DRY	4.2	I	38	0	E0	1 000	Forbidden	Forbidden

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			II		0	E2		Forbidden	15 kg
			III		0	E1		Forbidden	25 kg
UN2547	SODIUM SUPEROXIDE	5.1	I	38	0	E0	1 000	Forbidden	Forbidden
UN2548	CHLORINE PENTAFLUORIDE	2.3 (5.1) (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN2552	HEXAFLUOROACETONE HYDRATE, LIQUID	6.1	II		0.1 L	E4			5 L
UN2554	METHYLALLYL CHLORIDE	3	II		1 L	E2		Forbidden	5 L
UN2555	NITROCELLULOSE WITH WATER (not less than 25% water, by mass)	4.1	II	38	0	E0		Forbidden	50 kg
UN2556	NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)	4.1	II	38	0	E0		Forbidden	15 kg
UN2557	NITROCELLULOSE MIXTURE, WITH or WITHOUT PLASTICIZER, WITH or WITHOUT PIGMENT, with not more than 12.6 % nitrogen, by dry mass	4.1	II	38, 70	0	E0		Forbidden	1 kg
UN2558	EPIBROMOHYDRIN	6.1 (3)	I		0	E0	1 000	Forbidden	Forbidden
UN2560	2-METHYL PENTAN-2-OL	3	III		5 L	E1			60 L
UN2561	3-METHYL-1-BUTENE	3	I		0	E3		Forbidden	1 L
UN2564	TRICHLOROACETIC ACID SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN2565	DICYCLOHEXYLAMINE	8	III		5 L	E1			5 L
UN2567	SODIUM PENTACHLOROPHENATE	6.1	II		0.5 kg	E4			25 kg
UN2570	CADMIUM COMPOUND	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2571	ALKYLSULFURIC ACIDS; or ALKYLSULPHURIC ACIDS	8	II		1 L	E2			1 L
UN2572	PHENYLHYDRAZINE	6.1	II		0.1 L	E4			5 L
UN2573	THALLIUM CHLORATE	5.1 (6.1)	II		1 kg	E2	1 000		5 kg
UN2574	TRICRESYL PHOSPHATE with more than 3% ortho isomer	6.1	II		0.1 L	E4			5 L
UN2576	PHOSPHORUS OXYBROMIDE, MOLTEN	8	II		0	E0			Forbidden
UN2577	PHENYLACETYL CHLORIDE	8	II		1 L	E2			1 L
UN2578	PHOSPHORUS TRIOXIDE	8	III		5 kg	E1			25 kg
UN2579	PIPERAZINE	8	III		5 kg	E1			25 kg
UN2580	ALUMINUM BROMIDE SOLUTION	8	III		5 L	E1			5 L
UN2581	ALUMINUM CHLORIDE SOLUTION	8	III		5 L	E1			5 L
UN2582	FERRIC CHLORIDE SOLUTION	8	III		5 L	E1			5 L

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UN2583	ALKYLSULFONIC ACIDS, SOLID with more than 5% free sulfuric acid; ALKYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid; ARYLSULFONIC ACIDS, SOLID with more than 5% free sulfuric acid; or ARYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid	8	II		1 kg	E2			15 kg
UN2584	ALKYLSULFONIC ACIDS, LIQUID with more than 5% free sulfuric acid; ALKYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid; ARYLSULFONIC ACIDS, LIQUID with more than 5% free sulfuric acid; or ARYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid	8	II		1 L	E2			1 L
UN2585	ALKYLSULFONIC ACIDS, SOLID with not more than 5% free sulfuric acid; ALKYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid; ARYLSULFONIC ACIDS, SOLID with not more than 5% free sulfuric acid; or ARYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	8	III		5 kg	E1			25 kg
UN2586	ALKYLSULFONIC ACIDS, LIQUID with not more than 5% free sulfuric acid; ALKYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid; ARYLSULFONIC ACIDS, LIQUID with not more than 5% free sulfuric acid; or ARYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid	8	III		5 L	E1			5 L
UN2587	BENZOQUINONE	6.1	II		0.5 kg	E4			25 kg
UN2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2589	VINYL CHLOROACETATE	6.1 (3)	II		0.1 L	E4	1 000		5 L
UN2590	ASBESTOS, CHRYSOTILE, when not fixed in a natural or artificial binder material or included in a manufactured product	9	III	139	5 kg	E1			200 kg
UN2591	XENON, REFRIGERATED LIQUID	2.2		38	0.125 L	E1		Forbidden	50 L
UN2599	CHLOROTRIFLUOROMETHANE AND TRIFLUOROMETHANE AZEOTROPIC MIXTURE with approximately 60% chlorotrifluoromethane; or REFRIGERANT GAS R 503	2.2			0.125 L	E1			75 L
UN2601	CYCLOBUTANE	2.1			0.125 L	E0	3 000		Forbidden

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UN2602	DICHLORODIFLUOROMETHANE AND DIFLUOROETHANE AZEOTROPIC MIXTURE with approximately 74% dichlorodifluoromethane; or REFRIGERANT GAS R 500	2.2			0.125 L	E1			75 L
UN2603	CYCLOHEPTATRIENE	3 (6.1)	II		1 L	E2		Forbidden	1 L
UN2604	BORON TRIFLUORIDE DIETHYL ETHERATE	8 (3)	I		0	E0	3 000	Forbidden	0.5 L
UN2605	METHOXYMETHYL ISOCYANATE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2606	METHYL ORTHOSILICATE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2607	ACROLEIN DIMER, STABILIZED <small>SOR/2017-137</small>	3	III	155	5 L	E1			60 L
UN2608	NITROPROPANES	3	III		5 L	E1			60 L
UN2609	TRIALLYL BORATE	6.1	III		5 L	E1			60 L
UN2610	TRIALLYLAMINE	3 (8)	III		5 L	E1			5 L
UN2611	PROPYLENE CHLOROHYDRIN	6.1 (3)	II		0.1 L	E4	1 000		5 L
UN2612	METHYL PROPYL ETHER	3	II		1 L	E2		Forbidden	5 L
UN2614	METHALLYL ALCOHOL	3	III		5 L	E1			60 L
UN2615	ETHYL PROPYL ETHER	3	II		1 L	E2		Forbidden	5 L
UN2616	TRIISOPROPYL BORATE	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN2617	METHYLCYCLOHEXANOLS, flammable	3	III		5 L	E1			60 L
UN2618	VINYLTOLUENES, STABILIZED <small>SOR/2017-137</small>	3	III	155	5 L	E1			60 L
UN2619	BENZYLDIMETHYLAMINE	8 (3)	II		1 L	E2			1 L
UN2620	AMYL BUTYRATES	3	III		5 L	E1			60 L
UN2621	ACETYL METHYL CARBINOL	3	III		5 L	E1			60 L
UN2622	GLYCIDALDEHYDE	3 (6.1)	II		1 L	E2	1 000		1 L
UN2623	FIRELIGHTERS, SOLID with flammable liquid	4.1	III		5 kg	E1			25 kg
UN2624	MAGNESIUM SILICIDE	4.3	II		0.5 kg	E2			15 kg
UN2626	CHLORIC ACID, AQUEOUS SOLUTION with not more than 10% chloric acid	5.1	II	38, 68	1 L	E0		Forbidden	Forbidden
UN2627	NITRITES, INORGANIC, N.O.S.	5.1	II	16, 38, 68, 71	1 kg	E2			5 kg
UN2628	POTASSIUM FLUOROACETATE	6.1	I		0	E5	1 000	Forbidden	5 kg
UN2629	SODIUM FLUOROACETATE	6.1	I		0	E5	1 000	Forbidden	5 kg

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UN2630	SELENATES; or SELENITES	6.1	I	16	0	E5	1 000	Forbidden	5 kg
UN2642	FLUOROACETIC ACID	6.1	I		0	E5	1 000	Forbidden	1 kg
UN2643	METHYL BROMOACETATE	6.1	II		0.1 L	E4		Forbidden	5 L
UN2644	METHYL IODIDE	6.1	I	23	0	E0	1 000	Forbidden	Forbidden
UN2645	PHENACYL BROMIDE	6.1	II		0.5 kg	E4			25 kg
UN2646	HEXACHLOROCYCLOPENTADIENE	6.1	I	23	0	E0	1 000	Forbidden	Forbidden
UN2647	MALONONITRILE	6.1	II		0.5 kg	E4			25 kg
UN2648	1,2-DIBROMOBUTAN-3-ONE	6.1	II		0.1 L	E4			5 L
UN2649	1,3-DICHLOROACETONE	6.1	II		0.5 kg	E4			25 kg
UN2650	1,1-DICHLORO-1-NITROETHANE	6.1	II		0.1 L	E4			5 L
UN2651	4,4'-DIAMINODIPHENYLMETHANE	6.1	III		5 kg	E1			100 kg
UN2653	BENZYL IODIDE	6.1	II		0.1 L	E4			5 L
UN2655	POTASSIUM FLUOROSILICATE	6.1	III		5 kg	E1			100 kg
UN2656	QUINOLINE	6.1	III		5 L	E1			60 L
UN2657	SELENIUM DISULFIDE; or SELENIUM DISULPHIDE	6.1	II		0.5 kg	E4			25 kg
UN2659	SODIUM CHLOROACETATE	6.1	III		5 kg	E1			100 kg
UN2660	MONONITROTOLUIDINES; or NITROTOLUIDINES	6.1	III		5 kg	E1			100 kg
UN2661	HEXACHLOROACETONE	6.1	III		5 L	E1			60 L
UN2664	DIBROMOMETHANE	6.1	III		5 L	E1			60 L
UN2667	BUTYL TOLUENES	6.1	III		5 L	E1			60 L
UN2668	CHLOROACETONITRILE	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN2669	CHLOROCRESOLS SOLUTION	6.1	II		0.1 L	E4			5 L
			III		5 L	E1			60 L
UN2670	CYANURIC CHLORIDE	8	II		1 kg	E2			15 kg
UN2671	AMINOPYRIDINES ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	6.1	II		0.5 kg	E4			25 kg
UN2672	AMMONIA SOLUTION, relative density between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia	8	III		5 L	E1			5 L
UN2673	2-AMINO-4-CHLOROPHENOL	6.1	II		0.5 kg	E4			25 kg
UN2674	SODIUM FLUOROSILICATE	6.1	III		5 kg	E1			100 kg
UN2676	STIBINE	2.3 (2.1)		23, 38	0	E0	25	Forbidden	Forbidden

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN2677	RUBIDIUM HYDROXIDE SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN2678	RUBIDIUM HYDROXIDE	8	II		1 kg	E2			15 kg
UN2679	LITHIUM HYDROXIDE SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN2680	LITHIUM HYDROXIDE	8	II		1 kg	E2			15 kg
UN2681	CAESIUM HYDROXIDE SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN2682	CAESIUM HYDROXIDE	8	II		1 kg	E2			15 kg
UN2683	AMMONIUM SULFIDE SOLUTION; or AMMONIUM SULPHIDE SOLUTION	8 (3) (6.1)	II		1 L	E2	1 000		1 L
UN2684	3-DIETHYLAMINOPROPYLAMINE	3 (8)	III		5 L	E1			5 L
UN2685	N,N-DIETHYLETHYLEDIAMINE	8 (3)	II		1 L	E2			1 L
UN2686	2-DIETHYLAMINOETHANOL	8 (3)	II		1 L	E2			1 L
UN2687	DICYCLOHEXYLAMMONIUM NITRITE	4.1	III		5 kg	E1			25 kg
UN2688	1-BROMO-3-CHLOROPROPANE	6.1	III		5 L	E1			60 L
UN2689	GLYCEROL <i>alpha</i> -MONOCHLOROHYDRIN	6.1	III		5 L	E1			60 L
UN2690	N,n-BUTYLMIDAZOLE	6.1	II		0.1 L	E4			5 L
UN2691	PHOSPHORUS PENTABROMIDE	8	II		1 kg	E0			Forbidden
UN2692	BORON TRIBROMIDE	8	I	23	0	E0	1 000		Forbidden
UN2693	BISULFITES, AQUEOUS SOLUTION, N.O.S.; or BISULPHITES, AQUEOUS SOLUTION, N.O.S.	8	III	16	5 L	E1			5 L
UN2698	TETRAHYDROPHthalic ANHYDRIDES with more than 0.05% of maleic anhydride	8	III		5 kg	E1			25 kg
UN2699	TRIFLUOROACETIC ACID	8	I		0	E0	3 000		0.5 L
UN2705	1-PENTOL	8	II		1 L	E2			1 L
UN2707	DIMETHYLDIOXANES	3	II		1 L	E2			5 L
			III		5 L	E1			60 L
UN2709	BUTYLBENZENES	3	III		5 L	E1			60 L
UN2710	DIPROPYL KETONE	3	III		5 L	E1			60 L
UN2713	ACRIDINE	6.1	III		5 kg	E1			100 kg
UN2714	ZINC RESINATE	4.1	III		5 kg	E1			25 kg
UN2715	ALUMINUM RESINATE	4.1	III		5 kg	E1			25 kg
UN2716	1,4-BUTYNEDIOL	6.1	III		5 kg	E1			100 kg
UN2717	CAMPHOR, synthetic	4.1	III		5 kg	E1			25 kg

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UN2719	BARIUM BROMATE	5.1 (6.1)	II		1 kg	E2	1 000		5 kg
UN2720	CHROMIUM NITRATE	5.1	III		5 kg	E1			25 kg
UN2721	COPPER CHLORATE	5.1	II		1 kg	E2			5 kg
UN2722	LITHIUM NITRATE	5.1	III		5 kg	E1			25 kg
UN2723	MAGNESIUM CHLORATE	5.1	II		1 kg	E2			5 kg
UN2724	MANGANESE NITRATE	5.1	III		5 kg	E1			25 kg
UN2725	NICKEL NITRATE	5.1	III		5 kg	E1			25 kg
UN2726	NICKEL NITRITE	5.1	III		5 kg	E1			25 kg
UN2727	THALLIUM NITRATE	6.1 (5.1)	II		0.5 kg	E1			5 kg
UN2728	ZIRCONIUM NITRATE	5.1	III		5 kg	E1			25 kg
UN2729	HEXACHLOROBENZENE	6.1	III		5 kg	E1			100 kg
UN2730	NITROANISOLES, LIQUID	6.1	III		5 L	E1			60 L
UN2732	NITROBROMOBENZENES, LIQUID	6.1	III		5 L	E1			60 L
UN2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S.; or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3 (8)	I	16	0	E0	1 000	Forbidden	0.5 L
			II	16	1 L	E2			1 L
			III	16	5 L	E1			5 L
UN2734	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.; or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	8 (3)	I	16	0	E0	1 000		0.5 L
			II	16	1 L	E2			1 L
UN2735	AMINES, LIQUID, CORROSIVE, N.O.S.; or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	I	16	0	E0	1 000		0.5 L
			II	16	1 L	E2			1 L
			III	16	5 L	E1			5 L
UN2738	N-BUTYLANILINE	6.1	II		0.1 L	E4			5 L
UN2739	BUTYRIC ANHYDRIDE	8	III		5 L	E1			5 L
UN2740	n-PROPYL CHLOROFORMATE	6.1 (3) (8)	I	23	0	E0	1 000		Forbidden
UN2741	BARIUM HYPOCHLORITE with more than 22% available chlorine	5.1 (6.1)	II	38	1 kg	E2	1 000		5 kg
UN2742	CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S. <small>SOR/2017-137</small>	6.1 (3) (8)	II	166	0.1 L	E4	1 000		1 L
UN2743	n-BUTYL CHLOROFORMATE	6.1 (3) (8)	II	23	0.1 L	E0	1 000		1 L
UN2744	CYCLOBUTYL CHLOROFORMATE	6.1 (3) (8)	II		0.1 L	E4	1 000		1 L
UN2745	CHLOROMETHYL CHLOROFORMATE	6.1 (8)	II		0.1 L	E4	1 000		1 L

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN2746	PHENYL CHLOROFORMATE	6.1 (8)	II		0.1 L	E4	1 000		1 L
UN2747	<i>tert</i> -BUTYLCYCLOHEXYL CHLOROFORMATE	6.1	III		5 L	E1			60 L
UN2748	2-ETHYLHEXYL CHLOROFORMATE	6.1 (8)	II		0.1 L	E4	3 000		1 L
UN2749	TETRAMETHYLSILANE	3	I		0	E0		Forbidden	Forbidden
UN2750	1,3-DICHLOROPROPANOL-2	6.1	II		0.1 L	E4			5 L
UN2751	DIETHYLTHIOPHOSPHORYL CHLORIDE	8	II		1 L	E2		Forbidden	15 L
UN2752	1,2-EPOXY-3-ETHOXYPROPANE	3	III		5 L	E1			60 L
UN2753	<i>N</i> -ETHYLBENZYL TOLUIDINES, LIQUID	6.1	III		5 L	E1			60 L
UN2754	<i>N</i> -ETHYL TOLUIDINES	6.1	II		0.1 L	E4			5 L
UN2757	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2758	CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2760	ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2762	ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN2763	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2764	TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN2771	THiocarbamate PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2772	THiocarbamate PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2776	COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2778	MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2780	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2782	BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2784	ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN2785	4-THIAPENTANAL	6.1	III		5 L	E1		Forbidden	60 L
UN2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2787	ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN2789	ACETIC ACID, GLACIAL; or ACETIC ACID SOLUTION, more than 80% acid, by mass	8 (3)	II		1 L	E2	3 000		1 L

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UN2790	ACETIC ACID SOLUTION, not less than 50% but not more than 80% acid, by mass	8	II		1 L	E2			1 L
	ACETIC ACID SOLUTION, more than 10% and less than 50% acid, by mass				5 L	E1			5 L
UN2793	FERROUS METAL BORINGS, SHAVINGS, TURNINGS or CUTTINGS in a form liable to self-heating	4.2	III		0	E1			25 kg
UN2794 <small>SOR/2016-95</small>	BATTERIES, WET, FILLED WITH ACID, electric storage	8			1 L	E0			30 kg
UN2795 <small>SOR/2016-95</small>	BATTERIES, WET, FILLED WITH ALKALI, electric storage	8			1 L	E0			30 kg
UN2796	BATTERY FLUID, ACID; SULFURIC ACID with not more than 51% acid; or SULPHURIC ACID with not more than 51% acid	8	II		1 L	E2			1 L
UN2797	BATTERY FLUID, ALKALI	8	II		1 L	E2			1 L
UN2798	PHENYLPHOSPHORUS DICHLORIDE	8	II		1 L	E0			Forbidden
UN2799	PHENYLPHOSPHORUS THIODICHLORIDE	8	II		1 L	E0			Forbidden
UN2800	BATTERIES, WET, NON-SPILLABLE, electric storage	8		39	1 L	E0			
UN2801	DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.; or DYE, LIQUID, CORROSIVE, N.O.S.	8	I	16	0	E0	3 000		0.5 L
			II	16	1 L	E2			1 L
			III	16	5 L	E1			5 L
UN2802	COPPER CHLORIDE	8	III		5 kg	E1			25 kg
UN2803	GALLIUM	8	III		5 kg	E0			20 kg
UN2805	LITHIUM HYDRIDE, FUSED SOLID	4.3	II		0.5 kg	E2		Forbidden	15 kg
UN2806	LITHIUM NITRIDE	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN2807	MAGNETIZED MATERIAL, regulated only when transported by aircraft	9	III	63		E0			
UN2809 <small>SOR/2016-95</small>	MERCURY	8 (6.1)	III	126	5 kg	E0			35 kg
UN2810	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	I	16, 115	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN2812	SODIUM ALUMINATE, SOLID, regulated only when transported by aircraft	8	III	63	5 kg	E1			25 kg
UN2813	WATER-REACTIVE SOLID, N.O.S.	4.3	I	16, 38	0	E0	1 000	Forbidden	Forbidden
			II	16	0.5 kg	E2		Forbidden	15 kg
			III	16	1 kg	E1		Forbidden	25 kg

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UN2814 <i>SOR/2017-137</i>	INFECTIOUS SUBSTANCE, AFFECTING HUMANS	6.2	Category A	16, 38, 84, 164	0	E0	See SP84		0.05 kg or 0.05 L
UN2815 <i>SOR/2017-137</i>	N-AMINOETHYLPIPERAZINE	8 (6.1)	III		5 L	E1			5 L
UN2817	AMMONIUM HYDROGENDIFLUORIDE SOLUTION	8 (6.1)	II		1 L	E2	3 000		1 L
			III		5 L	E1			5 L
UN2818	AMMONIUM POLYSULFIDE SOLUTION; or AMMONIUM POLYSULPHIDE SOLUTION	8 (6.1)	II		1 L	E2	3 000		1 L
			III		5 L	E1			5 L
UN2819	AMYL ACID PHOSPHATE	8	III		5 L	E1			5 L
UN2820	BUTYRIC ACID	8	III		5 L	E1			5 L
UN2821	PHENOL SOLUTION	6.1	II		0.1 L	E4			5 L
			III		5 L	E1			60 L
UN2822	2-CHLOROPYRIDINE	6.1	II		0.1 L	E4			5 L
UN2823	CROTONIC ACID, SOLID	8	III		5 kg	E1			25 kg
UN2826	ETHYL CHLOROTHIOFORMATE	8 (3)	II	23	0	E0	1 000		Forbidden
UN2829	CAPROIC ACID	8	III		5 L	E1			5 L
UN2830	LITHIUM FERROSILICON	4.3	II		0.5 kg	E2	3 000	Forbidden	15 kg
UN2831	1,1,1-TRICHLOROETHANE	6.1	III		5 L	E1			60 L
UN2834	PHOSPHOROUS ACID	8	III		5 kg	E1			25 kg
UN2835	SODIUM ALUMINIUM HYDRIDE	4.3	II		0.5 kg	E0		Forbidden	Forbidden
UN2837	BISULFATES, AQUEOUS SOLUTION; or BISULPHATES, AQUEOUS SOLUTION	8	II		1 L	E2			1 L
			III		5 L	E1			5 L
UN2838	VINYL BUTYRATE, STABILIZED <i>SOR/2017-137</i>	3	II	155	1 L	E2			5 L
UN2839	ALDOL	6.1	II		0.1 L	E4			5 L
UN2840	BUTYRALDOXIME	3	III		5 L	E1			60 L
UN2841	DI-n-AMYLAMINE	3 (6.1)	III		5 L	E1			60 L
UN2842	NITROETHANE	3	III		5 L	E1			60 L
UN2844	CALCIUM MANGANESE SILICON	4.3	III		1 kg	E1			25 kg
UN2845	PYROPHORIC LIQUID, ORGANIC, N.O.S.	4.2	I	16	0	E0	1 000	Forbidden	Forbidden
UN2846	PYROPHORIC SOLID, ORGANIC, N.O.S.	4.2	I	16, 38	0	E0	1 000	Forbidden	Forbidden
UN2849	3-CHLORO-PROPANOL-1	6.1	III		5 L	E1			60 L
UN2850	PROPYLENE TETRAMER	3	III		5 L	E1			60 L
UN2851	BORON TRIFLUORIDE DIHYDRATE	8	II		1 L	E2			15 L

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UN2852	DIPICRYL SULFIDE, WETTED with not less than 10% water, by mass; or DIPICRYL SULPHIDE, WETTED with not less than 10% water, by mass	4.1	I	38	0	E0	75	Forbidden	Forbidden
UN2853	MAGNESIUM FLUOROSILICATE	6.1	III		5 kg	E1			100 kg
UN2854	AMMONIUM FLUOROSILICATE	6.1	III		5 kg	E1			100 kg
UN2855	ZINC FLUOROSILICATE	6.1	III		5 kg	E1			100 kg
UN2856	FLUOROSILICATES, N.O.S.	6.1	III	16	5 kg	E1			100 kg
UN2857	REFRIGERATING MACHINES containing non-flammable, non-toxic, gases or ammonia solutions (UN2672)	2.2			0	E0			450 kg
UN2858	ZIRCONIUM, DRY, coiled wire, finished metal sheets, strip (thinner than 254 microns but not thinner than 18 microns)	4.1	III		5 kg	E1			25 kg
UN2859	AMMONIUM METAVANADATE	6.1	II		0.5 kg	E4			25 kg
UN2861	AMMONIUM POLYVANADATE	6.1	II		0.5 kg	E4			25 kg
UN2862	VANADIUM PENTOXIDE, non-fused form	6.1	III		5 kg	E1			100 kg
UN2863	SODIUM AMMONIUM VANADATE	6.1	II		0.5 kg	E4			25 kg
UN2864	POTASSIUM METAVANADATE	6.1	II		0.5 kg	E4			25 kg
UN2865	HYDROXYLAMINE SULFATE; or HYDROXYLAMINE SULPHATE	8	III		5 kg	E1			25 kg
UN2869	TITANIUM TRICHLORIDE MIXTURE	8	II		1 kg	E2			15 kg
			III		5 kg	E1			25 kg
UN2870	ALUMINUM BOROHYDRIDE; or ALUMINUM BOROHYDRIDE IN DEVICES	4.2 (4.3)	I	38	0	E0	1 000	Forbidden	Forbidden
UN2871	ANTIMONY POWDER	6.1	III		5 kg	E1			100 kg
UN2872	DIBROMOCHLOROPROPANES	6.1	II		0.1 L	E4	1 000		5 L
			III		5 L	E1			60 L
UN2873	DIBUTYLAMINOETHANOL	6.1	III		5 L	E1			60 L
UN2874	FURFURYL ALCOHOL	6.1	III		5 L	E1			60 L
UN2875	HEXACHLOROPHENONE	6.1	III		5 kg	E1			100 kg
UN2876	RESORCINOL	6.1	III		5 kg	E1			100 kg
UN2878	TITANIUM SPONGE GRANULES; or TITANIUM SPONGE POWDERS	4.1	III		5 kg	E1		Forbidden	25 kg
UN2879	SELENIUM OXYCHLORIDE	8 (6.1)	I		0	E0	1 000	Forbidden	0.5 L

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UN2880	CALCIUM HYPOCHLORITE, HYDRATED, with not less than 5.5% but not more than 16% water; or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE, with not less than 5.5% but not more than 16% water	5.1	II	94	1 kg	E2		Forbidden	5 kg
			III	94, 117	5 kg	E1		Forbidden	25 kg
UN2881	METAL CATALYST, DRY	4.2	I	16, 38	0	E0	1 000		Forbidden
			II	16	0	E0			Forbidden
			III	16	0	E1			25 kg
UN2900	INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only	6.2	Category A	16, 38, 84, 164	0	E0	See SP84		0.05 kg or 0.05 L
UN2901	BROMINE CHLORIDE	2.3 (5.1) (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN2902	PESTICIDE, LIQUID, TOXIC, N.O.S.	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN2903	PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN2904	CHLOROPHENOLATES, LIQUID; or PHENOLATES, LIQUID	8	III		5 L	E1			5 L
UN2905	CHLOROPHENOLATES, SOLID; or PHENOLATES, SOLID	8	III		5 kg	E1			25 kg
UN2907	ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch or calcium hydrogen phosphate	4.1	II	38	0	E0	75	Forbidden	15 kg
UN2908	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - EMPTY PACKAGING	7		72	0	E0			
UN2909	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - ARTICLES MANUFACTURED FROM DEPLETED URANIUM; RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - ARTICLES MANUFACTURED FROM NATURAL THORIUM; or RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - ARTICLES MANUFACTURED FROM NATURAL URANIUM	7		72	0	E0			
UN2910	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - LIMITED QUANTITY OF MATERIAL	7		72	0	E0			
UN2911	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - ARTICLES; or RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - INSTRUMENTS	7		72	0	E0			

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UN2912	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), non-fissile or fissile excepted	7		74	0	E0	100		
UN2913	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I), non-fissile or fissile excepted; or RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), non-fissile or fissile excepted	7		74	0	E0			
UN2915	RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non-fissile or fissile excepted	7		74	0	E0			
UN2916	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, non-fissile or fissile excepted	7		74	0	E0			
UN2917	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, non-fissile or fissile excepted	7		74	0	E0			
UN2919	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, non-fissile or fissile excepted	7		74	0	E0			
UN2920	CORROSIVE LIQUID, FLAMMABLE, N.O.S.	8 (3)	I	16	0	E0	3 000		0.5 L
			II	16	1 L	E2			1 L
UN2921	CORROSIVE SOLID, FLAMMABLE, N.O.S.	8 (4.1)	I	16	0	E0	3 000		1 kg
			II	16	1 kg	E2			15 kg
UN2922	CORROSIVE LIQUID, TOXIC, N.O.S.	8 (6.1)	I	16	0	E0	3 000		0.5 L
			II	16	1 L	E2			1 L
			III	16	5 L	E1			5 L
UN2923	CORROSIVE SOLID, TOXIC, N.O.S.	8 (6.1)	I	16	0	E0	3 000		1 kg
			II	16	1 kg	E2			15 kg
			III	16	5 kg	E1			25 kg
UN2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3 (8)	I	16	0	E0	1 000	Forbidden	0.5 L
			II	16	1 L	E2			1 L
			III	16	5 L	E1			5 L
UN2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	4.1 (8)	II	16	1 kg	E2	1 000	Forbidden	15 kg
			III	16	5 kg	E1		Forbidden	25 kg
UN2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	4.1 (6.1)	II	16	1 kg	E2	1 000		15 kg
			III	16	5 kg	E1			25 kg
UN2927	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1 (8)	I	16,115	0	E5	1 000		0.5 L
			II	16	0.1 L	E4			1 L
UN2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.	6.1 (8)	I	16	0	E5	1 000		1 kg
			II	16	0.5 kg	E4			15 kg
UN2929	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1 (3)	I	16,115	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
UN2930	TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.	6.1 (4.1)	I	16	0	E5	1 000		1 kg
			II	16	0.5 kg	E4			15 kg

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UN2931	VANADYL SULFATE; or VANADYL SULPHATE	6.1	II		0.5 kg	E4			25 kg
UN2933	METHYL 2-CHLOROPROPIONATE	3	III		5 L	E1			60 L
UN2934	ISOPROPYL 2-CHLOROPROPIONATE	3	III		5 L	E1			60 L
UN2935	ETHYL 2-CHLOROPROPIONATE	3	III		5 L	E1			60 L
UN2936	THIOLACTIC ACID	6.1	II		0.1 L	E4			5 L
UN2937	<i>alpha</i> -METHYLBENZYL ALCOHOL, LIQUID	6.1	III		5 L	E1			60 L
UN2940	CYCLOOCTADIENE PHOSPHINES; or 9-PHOSPHABICYCLONANES	4.2	II		0	E2			15 kg
UN2941	FLUOROANILINES	6.1	III		5 L	E1			60 L
UN2942	2-TRIFLUOROMETHYLANILINE	6.1	III		5 L	E1			60 L
UN2943	TETRAHYDROFURFURLAMINE	3	III		5 L	E1			60 L
UN2945	N-METHYLBUTYLLAMINE	3 (8)	II		1 L	E2			1 L
UN2946	2-AMINO-5-DIETHYLAMINOPENTANE	6.1	III		5 L	E1			60 L
UN2947	ISOPROPYL CHLOROACETATE	3	III		5 L	E1			60 L
UN2948	3-TRIFLUOROMETHYLANILINE	6.1	II		0.1 L	E4			5 L
UN2949	SODIUM HYDROSULFIDE, HYDRATED with not less than 25% water of crystallization; or SODIUM HYDROSULPHIDE, HYDRATED with not less than 25% water of crystallization	8	II		1 kg	E2			15 kg
UN2950	MAGNESIUM GRANULES, COATED, particle size not less than 149 microns	4.3	III		1 kg	E1			25 kg
UN2956	5- <i>tert</i> -BUTYL-2,4,6-TRINITRO- <i>m</i> -XYLENE; or MUSK XYLENE	4.1	III	38	5 kg	E0	75	Forbidden	Forbidden
UN2965	BORON TRIFLUORIDE DIMETHYL ETHERATE	4.3 (3) (8)	I		0	E0	1 000	Forbidden	Forbidden
UN2966	THIOGLYCOL	6.1	II		0.1 L	E4			5 L
UN2967	SULFAMIC ACID; or SULPHAMIC ACID	8	III		5 kg	E1			25 kg
UN2968	MANEB PREPARATION, STABILIZED against self-heating; or MANEB, STABILIZED against self-heating	4.3	III		1 kg	E1			25 kg
UN2969	CASTOR BEANS; CASTOR FLAKE; CASTOR MEAL; or CASTOR POMACE	9	II		5 kg	E2		Forbidden	

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN2977 <i>SOR/2017-137</i>	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, FISSILE	7 (6.1) (8)			0	E0	25		Forbidden
UN2978 <i>SOR/2017-137</i>	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, non-fissile or fissile excepted	7 (6.1) (8)			0	E0	25		Forbidden
UN2983 <i>SOR/2017-137</i>	ETHYLENE OXIDE AND PROPYLENE OXIDE MIXTURE, not more than 30% ethylene oxide	3 (6.1)	I	166	0	E0	1 000	Forbidden	Forbidden
UN2984	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than 20% hydrogen peroxide (stabilized as necessary)	5.1	III		5 L	E1			2.5 L
UN2985	CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.	3 (8)	II		0	E0			1 L
UN2986	CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.	8 (3)	II		0	E0			Forbidden
UN2987	CHLOROSILANES, CORROSIVE, N.O.S.	8	II		0	E0			Forbidden
UN2988	CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, N.O.S.	4.3 (3) (8)	I	38	0	E0	1 000	Forbidden	Forbidden
UN2989	LEAD PHOSPHITE, DIBASIC	4.1	II		1 kg	E2			5 kg
			III		5 kg	E1			15 kg
UN2990	LIFE-SAVING APPLIANCES, SELF-INFLATING	9		21	0	E0			
UN2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN2992	CARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN2994	ARSENICAL PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN2995	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L

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UN2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN2998	TRIAZINE PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3005	THiocarbamate PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3006	THiocarbamate PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3009	COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3010	COPPER BASED PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3011	MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3012	MERCURY BASED PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3013	Substituted Nitrophenol PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3014	Substituted Nitrophenol PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3017	Organophosphorus PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L

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	23°C		III	16	5 L	E1			60 L
UN3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3019	ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3021	PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S., flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN3022 <small>SOR/2017-137</small>	1,2-BUTYLENE OXIDE, STABILIZED	3	II	155	1 L	E2			5 L
UN3023	2-METHYL-2-HEPTANETHIOL	6.1 (3)	I	23	0	E0	1 000	Forbidden	Forbidden
UN3024	COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN3028	BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE SOLID, electric storage	8		111	2 kg	E0			25 kg
UN3048	ALUMINUM PHOSPHIDE PESTICIDE	6.1	I	38	0	E0	1 000	Forbidden	Forbidden
UN3054	CYCLOHEXYL MERCAPTAN	3	III		5 L	E1			60 L
UN3055	2-(2-AMINOETHOXY)ETHANOL	8	III		5 L	E1			5 L
UN3056	n-HEPTALDEHYDE	3	III		5 L	E1			60 L
UN3057	TRIFLUOROACETYL CHLORIDE	2.3 (8)		23	0	E0	25	Forbidden	Forbidden
UN3064	NITROGLYCERIN, SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin	3	II	38	0	E0		Forbidden	Forbidden
UN3065	ALCOHOLIC BEVERAGES with more than 70% alcohol, by volume	3	II		5 L	E2			5 L
	ALCOHOLIC BEVERAGES with more than 24% but not more than 70% alcohol, by volume	3	III		5 L	E1			60 L

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UN3066	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass; or PAINT RELATED MATERIAL (including paint thinning or reducing compound) with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass	8	II	59, 142	1 L	E2					1 L
			III	59, 142	5 L	E1					5 L
UN3070	ETHYLENE OXIDE AND DICHLORODIFLUOROMETHANE MIXTURE with not more than 12.5% ethylene oxide	2.2			0.125 L	E1					75 L
UN3071	MERCAPTAN MIXTURE, LIQUID, TOXIC, FLAMMABLE, N.O.S.; or MERCAPTANS, LIQUID, TOXIC, FLAMMABLE, N.O.S.	6.1 (3)	II	16	0.1 L	E4	1 000				5 L
UN3072	LIFE-SAVING APPLIANCES NOT SELF-INFLATING, containing dangerous goods as equipment	9		21	0	E0					
UN3073 <small>SOR/2017-137</small>	VINYLPYRIDINES, STABILIZED	6.1 (3) (8)	II	155	0.1 L	E4	1 000				1 L
UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	9	III	16, 99	5 kg	E1					
UN3078	CERIUM, turnings or gritty powder	4.3	II		0.5 kg	E2		Forbidden			15 kg
UN3079 <small>SOR/2017-137</small>	METHACRYLONITRILE, STABILIZED	6.1 (3)	I	23, 155	0	E0	1 000	Forbidden			Forbidden
UN3080	ISOCYANATE SOLUTION, TOXIC, FLAMMABLE, N.O.S.; or ISOCYANATES, TOXIC, FLAMMABLE, N.O.S.	6.1 (3)	II	16	0.1 L	E4	1 000	Forbidden			5 L
UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	III	16, 99	5 L	E1					
UN3083	PERCHLORYL FLUORIDE	2.3 (5.1)		23, 38	0	E0	25	Forbidden			Forbidden
UN3084	CORROSIVE SOLID, OXIDIZING, N.O.S.	8 (5.1)	I	16	0	E0					1 kg
			II	16	1 kg	E2					15 kg
UN3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1 (8)	I	16	0	E0	1 000	Forbidden			1 kg
			II	16	1 kg	E2					5 kg
			III	16	5 kg	E1					25 kg
UN3086	TOXIC SOLID, OXIDIZING, N.O.S.	6.1 (5.1)	I	16	0	E5	1 000				1 kg
			II	16	0.5 kg	E4					5 kg
UN3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1 (6.1)	I	16	0	E0	1 000	Forbidden			1 kg
			II	16	1 kg	E2					5 kg
			III	16	5 kg	E1					25 kg

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UN3088	SELF-HEATING SOLID, ORGANIC, N.O.S.	4.2	II	16	0	E2			15 kg
			III	16	0	E1			25 kg
UN3089	METAL POWDER, FLAMMABLE, N.O.S.	4.1	II		1 kg	E2			15 kg
			III		5 kg	E1			25 kg
UN3090 <small>SOR/2017-137</small>	LITHIUM METAL BATTERIES (including lithium alloy batteries)	9		34, 123, 137, 138, 149, 159	0	E0			5 kg
UN3091 <small>SOR/2017-137</small>	LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT (including lithium alloy batteries); or LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT (including lithium alloy batteries)	9		34, 123, 137, 138, 159	0	E0			5 kg
UN3092	1-METHOXY-2-PROPANOL	3	III		5 L	E1			60 L
UN3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.	8 (5.1)	I	16	0	E0	3 000		Forbidden
			II	16	1 L	E2			1 L
UN3094	CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.	8 (4.3)	I	16, 38	0	E0	3 000	Forbidden	Forbidden
			II	16	1 L	E2		Forbidden	1 L
UN3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.	8 (4.2)	I	16, 38	0	E0		Forbidden	1 kg
			II	16	1 kg	E2		Forbidden	15 kg
UN3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.	8 (4.3)	I	16, 38	0	E0		Forbidden	1 kg
			II	16	1 kg	E2		Forbidden	15 kg
UN3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.	Forbidden							
UN3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.	5.1 (8)	I	16	0	E0	1 000	Forbidden	Forbidden
			II	16	1 L	E2			1 L
			III	16	5 L	E1			2.5 L
UN3099	OXIDIZING LIQUID, TOXIC, N.O.S.	5.1 (6.1)	I	16	0	E0	1 000	Forbidden	Forbidden
			II	16	1 L	E2			1 L
			III	16	5 L	E1			2.5 L
UN3100	OXIDIZING SOLID, SELF-HEATING, N.O.S.	Forbidden							
UN3101	ORGANIC PEROXIDE TYPE B, LIQUID	5.2 (1)	II	16, 38	0.025 L	E0	75	Forbidden	Forbidden
UN3102	ORGANIC PEROXIDE TYPE B, SOLID	5.2 (1)	II	16, 38	0.1 kg	E0	75	Forbidden	Forbidden
UN3103	ORGANIC PEROXIDE TYPE C, LIQUID	5.2	II	16, 38	0.025 L	E0		Forbidden	5 L
UN3104	ORGANIC PEROXIDE TYPE C, SOLID	5.2	II	16, 38	0.1 kg	E0		Forbidden	5 kg
UN3105	ORGANIC PEROXIDE TYPE D, LIQUID	5.2	II	16, 38	0.125 L	E0		Forbidden	5 L
UN3106	ORGANIC PEROXIDE TYPE D, SOLID	5.2	II	16, 38	0.5 kg	E0		Forbidden	5 kg
UN3107	ORGANIC PEROXIDE TYPE E, LIQUID	5.2	II	16, 38	0.125 L	E0		Forbidden	10 L
UN3108	ORGANIC PEROXIDE TYPE E, SOLID	5.2	II	16, 38	0.5 kg	E0		Forbidden	10 kg
UN3109	ORGANIC PEROXIDE TYPE F, LIQUID	5.2	II	16	0.125 L	E0		Forbidden	10 L
UN3110	ORGANIC PEROXIDE TYPE F, SOLID	5.2	II	16	0.5 kg	E0		Forbidden	10 kg

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UN3111	ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED	5.2 (1)	II	16, 28, 38	0	E0	75	Forbidden	Forbidden
UN3112	ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED	5.2 (1)	II	16, 28, 38	0	E0	75	Forbidden	Forbidden
UN3113	ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED	5.2	II	16, 28, 38	0	E0	75	Forbidden	Forbidden
UN3114	ORGANIC PEROXIDE TYPE C, SOLID, TEMPERATURE CONTROLLED	5.2	II	16, 28, 38	0	E0	75	Forbidden	Forbidden
UN3115	ORGANIC PEROXIDE TYPE D, LIQUID, TEMPERATURE CONTROLLED	5.2	II	16, 28, 38	0	E0		Forbidden	Forbidden
UN3116	ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED	5.2	II	16, 28, 38	0	E0		Forbidden	Forbidden
UN3117	ORGANIC PEROXIDE TYPE E, LIQUID, TEMPERATURE CONTROLLED	5.2	II	16, 28, 38	0	E0		Forbidden	Forbidden
UN3118	ORGANIC PEROXIDE TYPE E, SOLID, TEMPERATURE CONTROLLED	5.2	II	16, 28, 38	0	E0		Forbidden	Forbidden
UN3119	ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED	5.2	II	16	0	E0		Forbidden	Forbidden
UN3120	ORGANIC PEROXIDE TYPE F, SOLID, TEMPERATURE CONTROLLED	5.2	II	16	0	E0		Forbidden	Forbidden
UN3121	OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	Forbidden							
UN3122	TOXIC LIQUID, OXIDIZING, N.O.S.	6.1 (5.1)	I	16, 115	0	E0	3 000		Forbidden
			II	16	0.1 L	E4			1 L
UN3123	TOXIC LIQUID, WATER-REACTIVE, N.O.S.	6.1 (4.3)	I	16, 115	0	E0	1 000	Forbidden	Forbidden
			II	16	0.1 L	E4	3 000	Forbidden	1 L
UN3124	TOXIC SOLID, SELF-HEATING, N.O.S.	6.1 (4.2)	I	16, 38	0	E5	1 000	Forbidden	5 kg
			II	16	0	E4		Forbidden	15 kg
UN3125	TOXIC SOLID, WATER-REACTIVE, N.O.S.	6.1 (4.3)	I	16, 38	0	E5	1 000	Forbidden	5 kg
			II	16	0.5 kg	E4		Forbidden	15 kg
UN3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.	4.2 (8)	II	16	0	E2			15 kg
			III	16	0	E1			25 kg
UN3127	SELF-HEATING SOLID, OXIDIZING, N.O.S.	Forbidden							
UN3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	4.2 (6.1)	II	16	0	E2			15 kg
			III	16	0	E1			25 kg

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UN3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	4.3 (8)	I	16, 38	0	E0	1 000	Forbidden	Forbidden
			II	16	0.5 L	E0		Forbidden	1 L
			III	16	1 L	E1		Forbidden	5 L
UN3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.	4.3 (6.1)	I	16, 38	0	E0	1 000	Forbidden	Forbidden
			II	16	0.5 L	E0		Forbidden	1 L
			III	16	1 L	E1		Forbidden	5 L
UN3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3 (8)	I	16, 38	0	E0	1 000	Forbidden	Forbidden
			II	16	0.5 kg	E2		Forbidden	15 kg
			III	16	1 kg	E1		Forbidden	25 kg
UN3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	4.3 (4.1)	I	16, 38	0	E0	1 000	Forbidden	Forbidden
			II	16	0.5 kg	E2		Forbidden	15 kg
			III	16	1 kg	E1		Forbidden	25 kg
UN3133	WATER-REACTIVE SOLID, OXIDIZING, N.O.S.	Forbidden							
UN3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.	4.3 (6.1)	I	16, 38	0	E0	1 000	Forbidden	Forbidden
			II	16	0.5 kg	E2		Forbidden	15 kg
			III	16	1 kg	E1		Forbidden	25 kg
UN3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	4.3 (4.2)	I	16, 38	0	E0	1 000	Forbidden	Forbidden
			II	16	0	E2		Forbidden	15 kg
			III	16	0	E1			25 kg
UN3136	TRIFLUOROMETHANE, REFRIGERATED LIQUID	2.2			0.125 L	E1		Forbidden	50 L
UN3137	OXIDIZING SOLID, FLAMMABLE, N.O.S.	Forbidden							
UN3138	ETHYLENE, ACETYLENE AND PROPYLENE MIXTURE, REFRIGERATED LIQUID containing at least 71.5% ethylene with not more than 22.5% acetylene and not more than 6% propylene	2.1			0	E0		Forbidden	Forbidden
UN3139	OXIDIZING LIQUID, N.O.S.	5.1	I	16	0	E0	1 000	Forbidden	Forbidden
			II	16	1 L	E2			1 L
			III	16	5 L	E1			2.5 L
UN3140	ALKALOID SALTS, LIQUID, N.O.S.; or ALKALOIDS, LIQUID, N.O.S.	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3141	ANTIMONY COMPOUND, INORGANIC, LIQUID, N.O.S., except antimony oxides and sulphides containing not more than 0.5% arsenic, by mass	6.1	III	16	5 L	E1			60 L
UN3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3143	DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.; or DYE, SOLID, TOXIC, N.O.S.	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg

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UN3144	NICOTINE COMPOUND, LIQUID, N.O.S.; or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C <sub>2</sub> -C <sub>12</sub> homologues)	8	I		0	E0	3 000		0.5 L
			II		1 L	E2			1 L
			III		5 L	E1			5 L
UN3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN3147	DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.; or DYE, SOLID, CORROSIVE, N.O.S.	8	I	16	0	E0	3 000		1 kg
			II	16	1 kg	E2			15 kg
			III	16	5 kg	E1			25 kg
UN3148	WATER-REACTIVE LIQUID, N.O.S.	4.3	I	16, 38	0	E0	1 000	Forbidden	Forbidden
			II	16	0.5 L	E2		Forbidden	1 L
			III	16	1 L	E1		Forbidden	5 L
UN3149	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE with acid(s), water and not more than 5% peroxyacetic acid, STABILIZED	5.1 (8)	II		1 L	E2		Forbidden	1 L
UN3150	DEVICES, SMALL, HYDROCARBON GAS POWERED with release device; or HYDROCARBON GAS REFILLS FOR SMALL DEVICES with release device	2.1			0.125 L	E0	3 000		1 L
UN3151 <small>SOR/2017-137</small>	POLYHALOGENATED BIPHENYLS, LIQUID, regulated only when the concentration is more than 50 ppm, by mass; or HALOGENATED MONOMETHYLDIPHENYLMETHANES, LIQUID, regulated only when the concentration is more than 50 ppm, by mass; or POLYHALOGENATED TERPHENYLS, LIQUID, regulated only when the concentration is more than 50 ppm, by mass	9	II		1 L	E2			100 L
UN3152 <small>SOR/2017-137</small>	POLYHALOGENATED BIPHENYLS, SOLID, regulated only when the concentration is more than 50 ppm, by mass; or HALOGENATED MONOMETHYLDIPHENYLMETHANES, SOLID, regulated only when the concentration is more than 50 ppm, by mass; or POLYHALOGENATED TERPHENYLS, SOLID, regulated only when the concentration is more than 50 ppm, by mass	9	II		1 kg	E2			100 kg
UN3153	PERFLUORO(METHYLVINYL ETHER)	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN3154	PERFLUORO(ETHYLVINYL ETHER)	2.1			0.125 L	E0	3 000	Forbidden	Forbidden

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UN3155	PENTACHLOROPHENOL	6.1	II		0.5 kg	E4			25 kg
UN3156	COMPRESSED GAS, OXIDIZING, N.O.S.	2.2 (5.1)		16	0	E0	3 000	Forbidden	75 L
UN3157	LIQUEFIED GAS, OXIDIZING, N.O.S.	2.2 (5.1)		16	0	E0	3 000	Forbidden	75 L
UN3158	GAS, REFRIGERATED LIQUID, N.O.S.	2.2		16	0.125 L	E1		Forbidden	50 L
UN3159	REFRIGERANT GAS R 134a; or 1,1,1,2-TETRAFLUOROETHANE	2.2			0.125 L	E1			75 L
UN3160	LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.	2.3 (2.1)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3161	LIQUEFIED GAS, FLAMMABLE, N.O.S.	2.1		16	0.125 L	E0	3 000	Forbidden	Forbidden
UN3162	LIQUEFIED GAS, TOXIC, N.O.S.	2.3		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3163	LIQUEFIED GAS, N.O.S.	2.2		16	0.125 L	E1			75 L
UN3164	ARTICLES, PRESSURIZED, HYDRAULIC (containing non-flammable gas); or ARTICLES, PRESSURIZED, PNEUMATIC (containing non-flammable gas)	2.2		40, 143	0.125 L	E0			
UN3165	AIRCRAFT HYDRAULIC POWER UNIT FUEL TANK containing a mixture of anhydrous hydrazine and methylhydrazine (M86 fuel)	3 (6.1) (8)	I		0	E0	1 000	Forbidden	Forbidden
UN3166 <small>SOR/2017-137</small>	VEHICLE, FLAMMABLE GAS POWERED; or VEHICLE, FLAMMABLE LIQUID POWERED; or VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED; or VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED	9		93, 96, 156, 157	0	E0			Forbidden
UN3167	GAS SAMPLE, NON-PRESSURIZED, FLAMMABLE, N.O.S., not refrigerated liquid	2.1		108	0.125 L	E0		Forbidden	1 L
UN3168	GAS SAMPLE, NON-PRESSURIZED, TOXIC, FLAMMABLE, N.O.S., not refrigerated liquid	2.3 (2.1)		23, 108	0	E0		Forbidden	Forbidden
UN3169	GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S., not refrigerated liquid	2.3		23, 108	0	E0		Forbidden	Forbidden
UN3170 <small>SOR/2017-137</small>	ALUMINUM REMELTING BY-PRODUCTS, including, but not limited to, aluminum dross, aluminum skimmings, spent cathodes, spent potliner and aluminum salt slags; or ALUMINUM SMELTING BY-PRODUCTS, including, but not limited to, aluminum dross, aluminum skimmings, spent cathodes, spent potliner and aluminum salt slags	4.3	II	161	0.5 kg	E2			15 kg
			III	161	1 kg	E1			25 kg
UN3171	BATTERY-POWERED EQUIPMENT; or BATTERY-POWERED VEHICLE	9		67, 96	0	E0			

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UN3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S., toxins from plant, animal or bacterial sources that contain infectious substances, or toxins that are contained in infectious substances must be classified in Division 6.2	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3174	TITANIUM DISULFIDE; or TITANIUM DISULPHIDE	4.2	III		0	E1			25 kg
UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	4.1	II	16, 56	1 kg	E2			15 kg
UN3176	FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	4.1	II	16	0	E0			Forbidden
			III	16	0	E0			Forbidden
UN3178	FLAMMABLE SOLID, INORGANIC, N.O.S.	4.1	II	16	1 kg	E2			15 kg
			III	16	5 kg	E1			25 kg
UN3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	4.1 (6.1)	II	16	1 kg	E2			15 kg
			III	16	5 kg	E1			25 kg
UN3180	FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.	4.1 (8)	II	16	1 kg	E2		Forbidden	15 kg
			III	16	5 kg	E1		Forbidden	25 kg
UN3181	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.	4.1	II	16	1 kg	E2			15 kg
			III	16	5 kg	E1			25 kg
UN3182	METAL HYDRIDES, FLAMMABLE, N.O.S.	4.1	II	16	1 kg	E2		Forbidden	15 kg
			III	16	5 kg	E1		Forbidden	25 kg
UN3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.	4.2	II	16	0	E2			1 L
			III	16	0	E1			5 L
UN3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.	4.2 (6.1)	II	16	0	E2	1 000		1 L
			III	16	0	E1			5 L
UN3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.	4.2 (8)	II	16	0	E2	1 000		1 L
			III	16	0	E1			5 L
UN3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.	4.2	II	16	0	E2	1 000		1 L
			III	16	0	E1			5 L
UN3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.	4.2 (6.1)	II	16	0	E2	1 000		1 L
			III	16	0	E1			5 L
UN3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.	4.2 (8)	II	16	0	E2			1 L
			III	16	0	E1			5 L
UN3189	METAL POWDER, SELF-HEATING, N.O.S.	4.2	II	16	0	E2			15 kg
			III	16	0	E1			25 kg
UN3190	SELF-HEATING SOLID, INORGANIC, N.O.S.	4.2	II	16	0	E2			15 kg
			III	16	0	E1			25 kg
UN3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.	4.2 (6.1)	II	16	0	E2	1 000		15 kg
			III	16	0	E1			25 kg
UN3192	SELF-HEATING SOLID, CORROSIVE,	4.2	II	16	0	E2	1 000		15 kg

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	INORGANIC, N.O.S.	(8)	III	16	0	E1			25 kg
UN3194	PYROPHORIC LIQUID, INORGANIC, N.O.S.	4.2	I	16	0	E0	1 000	Forbidden	Forbidden
UN3200	PYROPHORIC SOLID, INORGANIC, N.O.S.	4.2	I	16	0	E0	1 000	Forbidden	Forbidden
UN3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.	4.2	II	16	0	E2			15 kg
			III	16	0	E1			25 kg
UN3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	4.2 (8)	II	16	0	E2			15 kg
			III	16	0	E1			25 kg
UN3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	I	16	0	E0	1 000	Forbidden	Forbidden
			II	16	0.5 kg	E0		Forbidden	15 kg
			III	16	1 kg	E1		Forbidden	25 kg
UN3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3 (4.2)	I	16	0	E0	1 000	Forbidden	Forbidden
			II	16	0	E2		Forbidden	15 kg
			III	16	0	E1		Forbidden	25 kg
UN3210	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	II	16, 120	1 L	E2			1 L
			III	16, 120	5 L	E1			2.5 L
UN3211	PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	II		1 L	E2			1 L
			III		5 L	E1			2.5 L
UN3212	HYPOCHLORITES, INORGANIC, N.O.S.	5.1	II	16, 68, 118	1 kg	E2		Forbidden	5 kg
UN3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	II	16, 119	1 L	E2			1 L
			III	16, 119	5 L	E1			2.5 L
UN3214	PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	II	16, 122	1 L	E2		Forbidden	1 L
UN3215	PERSULFATES, INORGANIC, N.O.S.; or PERSULPHATES, INORGANIC, N.O.S.	5.1	III		5 kg	E1			25 kg
UN3216	PERSULFATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.; or PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	III		5 L	E1			2.5 L
UN3218	NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	II	55	1 L	E2			1 L
			III	55	5 L	E1			2.5 L
UN3219	NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	II	16, 68	1 L	E2			1 L
			III	16, 68	5 L	E1			2.5 L
UN3220	PENTAFLUOROETHANE; or REFRIGERANT GAS R 125	2.2			0.125 L	E1			75 L
UN3221	SELF-REACTIVE LIQUID TYPE B	4.1 (1)	II	16, 38	0.025 L	E0	75	Forbidden	Forbidden
UN3222	SELF-REACTIVE SOLID TYPE B	4.1 (1)	II	16, 38	0.1 kg	E0	75	Forbidden	Forbidden
UN3223	SELF-REACTIVE LIQUID TYPE C	4.1	II	16, 38	0.025 L	E0	3 000	Forbidden	5 L

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UN3224	SELF-REACTIVE SOLID TYPE C	4.1	II	16, 38	0.1 kg	E0	3 000	Forbidden	5 kg
UN3225	SELF-REACTIVE LIQUID TYPE D	4.1	II	16, 38	0.125 L	E0		Forbidden	5 L
UN3226	SELF-REACTIVE SOLID TYPE D	4.1	II	16, 38	0.5 kg	E0		Forbidden	5 kg
UN3227	SELF-REACTIVE LIQUID TYPE E	4.1	II	16, 38	0.125 L	E0		Forbidden	10 L
UN3228	SELF-REACTIVE SOLID TYPE E	4.1	II	16, 38	0.5 kg	E0		Forbidden	10 kg
UN3229	SELF-REACTIVE LIQUID TYPE F	4.1	II	16, 38	0.125 L	E0		Forbidden	10 L
UN3230	SELF-REACTIVE SOLID TYPE F	4.1	II	16, 38	0.5 kg	E0		Forbidden	10 kg
UN3231	SELF-REACTIVE LIQUID TYPE B, TEMPERATURE CONTROLLED	4.1 (1)	II	16, 28, 38	0	E0	75	Forbidden	Forbidden
UN3232	SELF-REACTIVE SOLID TYPE B, TEMPERATURE CONTROLLED	4.1 (1)	II	16, 28, 38	0	E0	75	Forbidden	Forbidden
UN3233	SELF-REACTIVE LIQUID TYPE C, TEMPERATURE CONTROLLED	4.1	II	16, 28, 38	0	E0	75	Forbidden	Forbidden
UN3234	SELF-REACTIVE SOLID TYPE C, TEMPERATURE CONTROLLED	4.1	II	16, 28, 38	0	E0	75	Forbidden	Forbidden
UN3235	SELF-REACTIVE LIQUID TYPE D, TEMPERATURE CONTROLLED	4.1	II	16, 28, 38	0	E0	75	Forbidden	Forbidden
UN3236	SELF-REACTIVE SOLID TYPE D, TEMPERATURE CONTROLLED	4.1	II	16, 28, 38	0	E0		Forbidden	Forbidden
UN3237	SELF-REACTIVE LIQUID TYPE E, TEMPERATURE CONTROLLED	4.1	II	16, 28, 38	0	E0		Forbidden	Forbidden
UN3238	SELF-REACTIVE SOLID TYPE E, TEMPERATURE CONTROLLED	4.1	II	16, 28, 38	0	E0		Forbidden	Forbidden
UN3239	SELF-REACTIVE LIQUID TYPE F, TEMPERATURE CONTROLLED	4.1	II	16, 28, 38	0	E0		Forbidden	Forbidden
UN3240	SELF-REACTIVE SOLID TYPE F, TEMPERATURE CONTROLLED	4.1	II	16, 28, 38	0	E0		Forbidden	Forbidden
UN3241	2-BROMO-2-NITROPROPANE-1,3-DIOL	4.1	III	38, 73	5 kg	E1			25 kg
UN3242	AZODICARBONAMIDE, technically pure substance or preparations having an SDAT higher than 75°C	4.1	II		1 kg	E0		Forbidden	Forbidden
UN3243	SOLID CONTAINING TOXIC LIQUID, N.O.S.	6.1	II	16, 57	0.5 kg	E4			25 kg
UN3244	SOLID CONTAINING CORROSIVE LIQUID, N.O.S.	8	II	16, 58	1 kg	E2			15 kg
UN3246	METHANESULFONYL CHLORIDE; or METHANESULPHONYL CHLORIDE	6.1 (8)	I	23	0	E0	1 000	Forbidden	Forbidden
UN3247	SODIUM PEROXBORATE, ANHYDROUS	5.1	II		1 kg	E2			5 kg
UN3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3 (6.1)	II	16, 38	1 L	E2	1 000		1 L
			III	16	5 L	E1			60 L
UN3249	MEDICINE, SOLID, TOXIC, N.O.S.	6.1	II	16, 38	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN3250	CHLOROACETIC ACID, MOLTEN	6.1 (8)	II		0	E0	1 000		Forbidden

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UN3251	ISOSORBIDE-5-MONONITRATE, with less than 30% non-volatile, non-flammable phlegmatizer	4.1	III		5 kg	E0		Forbidden	Forbidden
UN3252	DIFLUOROMETHANE; or REFRIGERANT GAS R 32	2.1			0.125 L	E0	3 000	Forbidden	Forbidden
UN3253	DISODIUM TRIOXOSILICATE	8	III		5 kg	E1			25 kg
UN3254	TRIBUTYLPHOSPHANE	4.2	I		0	E0	1 000	Forbidden	Forbidden
UN3255	tert-BUTYL HYPOCHLORITE	Forbidden							
UN3256	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S., with flash point above 60°C, at or above its flash point	3	III	16	0	E0			Forbidden
UN3257	ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100°C and below its flash point (including molten metals, molten salts, etc.)	9	III	16	0	E0			Forbidden
UN3258	ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240°C	9	III	16	0	E0			Forbidden
UN3259	AMINES, SOLID, CORROSIVE, N.O.S.; or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	I	16	0	E0	3 000		1 kg
			II	16	1 kg	E2			5 kg
			III	16	5 kg	E1			25 kg
UN3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	I	16	0	E0			1 kg
			II	16	1 kg	E2			15 kg
			III	16	5 kg	E1			25 kg
UN3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	8	I	16	0	E0			1 kg
			II	16	1 kg	E2			15 kg
			III	16	5 kg	E1			25 kg
UN3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	8	I	16	0	E0			1 kg
			II	16	1 kg	E2			15 kg
			III	16	5 kg	E1			25 kg
UN3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	I	16	0	E0			1 kg
			II	16	1 kg	E2			15 kg
			III	16	5 kg	E1			25 kg
UN3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	I	16	0	E0	3 000		0.5 L
			II	16	1 L	E2			1 L
			III	16	5 L	E1			5 L
UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	I	16	0	E0	3 000		0.5 L
			II	16	1 L	E2			1 L
			III	16	5 L	E1			5 L
UN3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	I	16	0	E0	3 000		0.5 L
			II	16	1 L	E2			1 L
			III	16	5 L	E1			5 L
UN3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	I	16	0	E0	3 000		0.5 L

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UN3268	SAFETY DEVICES, electrically initiated	9	II	25, 136	1 L	E2			1 L
					5 L	E1			5 L
					0	E0			25 kg
UN3269 <i>SOR/2017-137</i>	POLYESTER RESIN KIT, liquid base material	3	II	153	5 L	E0			5 L
			III	153	5 L	E0			5 L
UN3270	NITROCELLULOSE MEMBRANE FILTERS, with not more than 12.6% nitrogen, by dry mass	4.1	II	134	1 kg	E2		Forbidden	1 kg
UN3271	ETHERS, N.O.S.	3	II	16	1 L	E2			5 L
			III	16	5 L	E1			60 L
UN3272	ESTERS, N.O.S.	3	II	16	1 L	E2			5 L
			III	16	5 L	E1			60 L
UN3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.	3 (6.1)	I	16	0	E0	1 000	Forbidden	Forbidden
			II	16	1 L	E2			1 L
UN3274	ALCOHOLATES SOLUTION, N.O.S., in alcohol	3 (8)	II	16	1 L	E2			1 L
UN3275 <i>SOR/2017-137</i>	NITRILES, TOXIC, FLAMMABLE, N.O.S.	6.1 (3)	I	16, 115	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
UN3276 <i>SOR/2017-137</i>	NITRILES, TOXIC, LIQUID, N.O.S.	6.1	I	16, 115	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3277	CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.	6.1 (8)	II	16	0.1 L	E4	1 000		1 L
UN3278 <i>SOR/2017-137</i>	ORGANOPHOSPHORUS COMPOUND, LIQUID, TOXIC, N.O.S.	6.1	I	16, 115	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3279 <i>SOR/2017-137</i>	ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.	6.1 (3)	I	16, 115	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
UN3280 <i>SOR/2017-137</i>	ORGANOARSENIC COMPOUND, LIQUID, N.O.S.	6.1	I	16, 115	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3281 <i>SOR/2017-137</i>	METAL CARBONYLS, LIQUID, N.O.S.	6.1	I	16, 115	0	E5	1 000	Forbidden	1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3282	ORGANOMETALLIC COMPOUND, LIQUID, TOXIC, N.O.S.	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3283	SELENIUM COMPOUND, SOLID, N.O.S.	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN3284	TELLURIUM COMPOUND, N.O.S.	6.1	I	16	0	E5	1 000		5 kg

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UN3285	VANADIUM COMPOUND, N.O.S.	6.1	II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
			I	16	0	E5	1 000		5 kg
UN3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3 (6.1) (8)	II	16	0.5 kg	E4			25 kg
			I	16	0	E0	1 000	Forbidden	Forbidden
UN3287	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	II	16	1 L	E2			1 L
			I	16, 115	0	E5	1 000		1 L
			III	16	5 L	E1			60 L
UN3288	TOXIC SOLID, INORGANIC, N.O.S.	6.1	II	16	0.5 kg	E4			25 kg
			I	16	0	E5	1 000		5 kg
			III	16	5 kg	E1			100 kg
UN3289	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.	6.1 (8)	II	16	0.1 L	E4			1 L
			I	16, 115	0	E5	1 000		0.5 L
UN3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.	6.1 (8)	II	16	0.5 kg	E4			15 kg
			I	16	0	E5	1 000		1 kg
UN3291 <small>SOR/2017-137</small>	CLINICAL WASTE, UNSPECIFIED, N.O.S.; (BIO) MEDICAL WASTE, N.O.S.; or REGULATED MEDICAL WASTE, N.O.S.	6.2	II	128	0	E0			
UN3292	BATTERIES, CONTAINING SODIUM; or CELLS, CONTAINING SODIUM	4.3			0	E0			Forbidden
UN3293	HYDRAZINE, AQUEOUS SOLUTION with not more than 37% hydrazine, by mass	6.1	III		5 L	E1			60 L
UN3294	HYDROGEN CYANIDE, SOLUTION IN ALCOHOL with not more than 45% hydrogen cyanide	6.1 (3)	I	23, 68	0	E0	1 000	Forbidden	Forbidden
UN3295 <small>SOR/2015-100</small>	HYDROCARBONS, LIQUID, N.O.S.	3	II	150	1 L	E2			5 L
			I	150	0.5 L	E3		Forbidden	1 L
			III	150	5 L	E1			60 L
UN3296	HEPTAFLUOROPROPANE; or REFRIGERANT GAS R 227	2.2			0.125 L	E1			75 L
UN3297	ETHYLENE OXIDE AND CHLOROTETRAFLUOROETHANE MIXTURE with not more than 8.8% ethylene oxide	2.2			0.125 L	E1			75 L
UN3298	ETHYLENE OXIDE AND PENTAFLUOROETHANE MIXTURE with not more than 7.9% ethylene oxide	2.2			0.125 L	E1			75 L
UN3299	ETHYLENE OXIDE AND TETRAFLUOROETHANE MIXTURE with not more than 5.6% ethylene oxide	2.2			0.125 L	E1			75 L

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UN3300	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 87% ethylene oxide	2.3 (2.1)		23	0	E0	500	Forbidden	Forbidden
UN3301	CORROSIVE LIQUID, SELF-HEATING, N.O.S.	8 (4.2)	I	16	0	E0	3 000	Forbidden	0.5 L
			II	16	0	E2		Forbidden	1 L
UN3302	2-DIMETHYLAMINOETHYL ACRYLATE	6.1	II		0.1 L	E4		Forbidden	5 L
UN3303	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.	2.3 (5.1)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3304	COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.	2.3 (8)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3305	COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2.3 (2.1) (8)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3306	COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2.3 (5.1) (8)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3307	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.	2.3 (5.1)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3308	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.	2.3 (8)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3309	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2.3 (2.1) (8)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3310	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2.3 (5.1) (8)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3311	GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.	2.2 (5.1)		16	0	E0	3 000	Forbidden	Forbidden
UN3312	GAS, REFRIGERATED LIQUID, FLAMMABLE, N.O.S.	2.1		16	0	E0	3 000	Forbidden	Forbidden
UN3313	ORGANIC PIGMENTS, SELF-HEATING	4.2	II		0	E2			15 kg
			III		0	E1			25 kg
UN3314 <small>SOR/2017-137</small>	PLASTICS MOULDING COMPOUND in dough, sheet or extruded rope form evolving flammable vapour	9	III	152	5 kg	E1		Forbidden	100 kg
UN3315	CHEMICAL SAMPLE, TOXIC	Forbidden							
UN3316 <small>SOR/2017-137</small>	CHEMICAL KIT; or FIRST AID KIT	9	II	65, 141	See SP65	See SP141			10 kg
			III	65, 141	See SP65	See SP141			10 kg
UN3317	2-AMINO-4,6-DINITROPHENOL, WETTED with not less than 20% water, by mass	4.1	I	38, 62	0	E0	75	Forbidden	1 kg
UN3318	AMMONIA SOLUTION, relative density less than 0.880 at 15°C in water, with more than 50% ammonia	2.3 (8)		23	0	E0	3 000	Forbidden	Forbidden
UN3319	NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin, by mass	Forbidden							
UN3320	SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION, with not more than 12% sodium borohydride and not more than 40% sodium hydroxide, by mass	8	II		1 L	E2			1 L
			III		5 L	E1			5 L

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UN3321	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), non-fissile or fissile excepted	7		74	0	E0	100		
UN3322	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), non-fissile or fissile excepted	7		74	0	E0	100		
UN3323	RADIOACTIVE MATERIAL, TYPE C PACKAGE, non-fissile or fissile excepted	7		74	0	E0			
UN3324	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE	7		74	0	E0	25		Forbidden
UN3325	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, (LSA-III), FISSILE	7		74	0	E0	25		Forbidden
UN3326	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I), FISSILE; or RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), FISSILE	7		74	0	E0	0		Forbidden
UN3327	RADIOACTIVE MATERIAL, TYPE A PACKAGE, FISSILE, non-special form	7		74	0	E0	0		Forbidden
UN3328	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, FISSILE	7		74	0	E0	0		Forbidden
UN3329	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, FISSILE	7		74	0	E0	0		Forbidden
UN3330	RADIOACTIVE MATERIAL, TYPE C PACKAGE, FISSILE	7		74	0	E0	0		Forbidden
UN3331	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE	7		74	0	E0	0		Forbidden
UN3332	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, non-fissile or fissile excepted	7		74	0	E0			
UN3333	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE	7		74	0	E0	0		Forbidden
UN3334	AVIATION REGULATED LIQUID, N.O.S.	9		16, 63	0	E1			
UN3335	AVIATION REGULATED SOLID, N.O.S.	9		16, 63	0	E1			
UN3336	MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.; or MERCAPTANS, LIQUID, FLAMMABLE, N.O.S.	3	I	16	0	E0		Forbidden	1 L
			II	16	1 L	E2			5 L
			III	16	5 L	E1			60 L
UN3337	REFRIGERANT GAS R 404A	2.2			0.125 L	E1			75 L
UN3338	REFRIGERANT GAS R 407A	2.2			0.125 L	E1			75 L
UN3339	REFRIGERANT GAS R 407B	2.2			0.125 L	E1			75 L
UN3340	REFRIGERANT GAS R 407C	2.2			0.125 L	E1			75 L
UN3341	THIOUREA DIOXIDE	4.2	II		0	E2		Forbidden	15 kg
			III		0	E1		Forbidden	25 kg
UN3342	XANTHATES	4.2	II		0	E2		Forbidden	15 kg
			III		0	E1		Forbidden	25 kg
UN3343	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass	Forbidden							

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UN3344	PENTAERYTHRITE TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass; PENTAERYTHROL TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass; or PETN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	Forbidden							
UN3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN3346	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN3350	PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23°C	3 (6.1)	I	16	0	E0	1 000		Forbidden
			II	16	1 L	E2			1 L
UN3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23°C	6.1 (3)	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3352	PYRETHROID PESTICIDE, LIQUID, TOXIC	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3354	INSECTICIDE GAS, FLAMMABLE, N.O.S.	2.1		16	0.125 L	E0	3 000	Forbidden	Forbidden
UN3355	INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S.	2.3 (2.1)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3356	OXYGEN GENERATOR, CHEMICAL	5.1		41	0	E0		Forbidden	Forbidden
UN3357	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S. with not more than 30% nitroglycerin, by mass	Forbidden							
UN3358	REFRIGERATING MACHINES containing flammable, non-toxic, liquefied gas	2.1		104	0	E0		Forbidden	Forbidden
UN3359	FUMIGATED CARGO TRANSPORT UNIT	9		95	0	E0			
UN3360	FIBRES, VEGETABLE, DRY, regulated only when transported by ship	4.1		97	0	E0			

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN3361	CHLOROSILANES, TOXIC, CORROSIVE, N.O.S.	6.1 (8)	II	16	0	E0	1 000		1 L
UN3362	CHLOROSILANES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	6.1 (3) (8)	II	16	0	E0	1 000		1 L
UN3363 <small>SOR/2017-137</small>	DANGEROUS GOODS IN APPARATUS; or DANGEROUS GOODS IN MACHINERY	9		167	0	E0			
UN3364	TRINITROPHENOL, WETTED, with not less than 10% water by mass; or PICRIC ACID, WETTED, with not less than 10% water by mass	4.1	I	10, 38, 62	0	E0	75	Forbidden	0.5 kg
UN3365	TRINITROCHLOROBENZENE, WETTED, with not less than 10% water by mass; or PICRYL CHLORIDE, WETTED, with not less than 10% water by mass	4.1	I	10, 38, 62	0	E0	75	Forbidden	0.5 kg
UN3366	TRINITROTOLUENE, WETTED, with not less than 10% water by mass; or TNT, WETTED, with not less than 10% water by mass	4.1	I	10, 38, 62	0	E0	75	Forbidden	0.5 kg
UN3367	TRINITROBENZENE, WETTED, with not less than 10% water by mass	4.1	I	10, 38, 62	0	E0	75	Forbidden	0.5 kg
UN3368	TRINITROBENZOIC ACID, WETTED, with not less than 10% water by mass	4.1	I	10, 38, 62	0	E0	75	Forbidden	0.5 kg
UN3369	SODIUM DINITRO-o-CRESOLATE, WETTED, with not less than 10% water by mass	4.1	I	38, 62	0	E0	75	Forbidden	0.5 kg
UN3370	UREA NITRATE, WETTED, with not less than 10% water by mass	4.1	I	38, 61, 62	0	E0	75	Forbidden	0.5 kg
UN3371	2-METHYLBUTANAL	3	II		1 L	E2			5 L
UN3373 <small>SOR/2017-137</small>	BIOLOGICAL SUBSTANCE, CATEGORY B	6.2	Category B	38, 164, 165	0	E0			4 kg or 4L
UN3374	ACETYLENE, SOLVENT FREE	Forbidden							
UN3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosives; AMMONIUM NITRATE GEL, intermediate for blasting explosives; or AMMONIUM NITRATE SUSPENSION, intermediate for blasting explosives	Forbidden							
UN3376	4-NITROPHENYLHYDRAZINE, with not less than 30% water, by mass	4.1	I	38, 62	0	E0	75	Forbidden	Forbidden
UN3377	SODIUM PERBORATE MONOHYDRATE	5.1	III		5 kg	E1			25 kg
UN3378	SODIUM CARBONATE PEROXYHYDRATE	5.1	II		1 kg	E2			5 kg
			III		5 kg	E1			25 kg
UN3379	DESENSITIZED EXPLOSIVE, LIQUID, N.O.S.	3	I	16, 38	0	E0		Forbidden	Forbidden

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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN3380	DESENSITIZED EXPLOSIVE, SOLID, N.O.S.	4.1	I	16, 38	0	E0	75	Forbidden	Forbidden
UN3381	TOXIC BY INHALATION LIQUID, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	6.1	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3382	TOXIC BY INHALATION LIQUID, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	6.1	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3383	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	6.1 (3)	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3384	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	6.1 (3)	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3385	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	6.1 (4.3)	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3386	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	6.1 (4.3)	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3387	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	6.1 (5.1)	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3388	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	6.1 (5.1)	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3389	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	6.1 (8)	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3390	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	6.1 (8)	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3391	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC	4.2	I	16	0	E0	1 000	Forbidden	Forbidden
UN3392	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC	4.2	I	16	0	E0	1 000	Forbidden	Forbidden
UN3393	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC, WATER-REACTIVE	4.2 (4.3)	I	16	0	E0	1 000	Forbidden	Forbidden
UN3394	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE	4.2 (4.3)	I	16	0	E0	1 000	Forbidden	Forbidden
UN3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE	4.3	I	16	0	E0	1 000	Forbidden	Forbidden
			II	16	0.5 kg	E2		Forbidden	15 kg
			III	16	1 kg	E1		Forbidden	25 kg
UN3396	ORGANOMETALLIC SUBSTANCE, SOLID,	4.3	I	16	0	E0	1 000	Forbidden	Forbidden

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	WATER-REACTIVE, FLAMMABLE	(4.1)	II	16	0.5 kg	E2	1 000	Forbidden	15 kg
			III	16	1 kg	E1		Forbidden	25 kg
			I	16	0	E0	1 000	Forbidden	Forbidden
UN3397	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, SELF-HEATING	4.3 (4.2)	II	16	0.5 kg	E2	1 000	Forbidden	15 kg
			III	16	1 kg	E1		Forbidden	25 kg
			I	16	0	E0	1 000	Forbidden	Forbidden
UN3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE	4.3	II	16	0.5 L	E2	1 000	Forbidden	1 L
			III	16	1 L	E1		Forbidden	5 L
			I	16	0	E0	1 000	Forbidden	Forbidden
UN3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE	4.3 (3)	II	16	0.5 L	E2	1 000	Forbidden	5 L
			III	16	1 L	E1		Forbidden	5 L
			I	16	0	E0	1 000	Forbidden	Forbidden
UN3400	ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING	4.2	II	16	0.5 kg	E2			15 kg
			III	16	1 kg	E1			25 kg
UN3401	ALKALI METAL AMALGAM, SOLID, including lithium, sodium, potassium, rubidium and cesium	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN3402	ALKALI EARTH METAL AMALGAM, SOLID including magnesium, calcium, strontium and barium	4.3	I	38	0	E0	1 000	Forbidden	Forbidden
UN3403	POTASSIUM METAL ALLOYS, SOLID	4.3	I		0	E0	1 000	Forbidden	Forbidden
UN3404	POTASSIUM SODIUM ALLOYS, SOLID	4.3	I		0	E0	1 000	Forbidden	Forbidden
UN3405	BARIUM CHLORATE SOLUTION	5.1 (6.1)	II		1 L	E2			1 L
			III		5 L	E1			2.5 L
UN3406	BARIUM PERCHLORATE SOLUTION	5.1 (6.1)	II		1 L	E2			1 L
			III		5 L	E1			2.5 L
UN3407	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE SOLUTION	5.1	II		1 L	E2			1 L
			III		5 L	E1			2.5 L
UN3408	LEAD PERCHLORATE SOLUTION	5.1 (6.1)	II		1 L	E2			1 L
			III		5 L	E1			2.5 L
UN3409	CHLORONITROBENZENES, LIQUID	6.1	II	43	0.1 L	E4			5 L
UN3410	4-CHLORO-o-TOLUIDINE HYDROCHLORIDE SOLUTION	6.1	III		5 L	E1			60 L
UN3411	<i>beta</i> -NAPHTHYLAMINE SOLUTION	6.1	II		0.1 L	E4			5 L
			III		5 L	E1			60 L
UN3412	FORMIC ACID with not less than 10% but not more than 85% acid by mass	8	II		1 L	E2			1 L
	FORMIC ACID with not less than 5% but not more than 10% acid by mass	8	III		5 L	E1			5 L
UN3413	POTASSIUM CYANIDE SOLUTION	6.1	I		0	E5	1 000		1 L
			II		0.1 L	E4	1 000		5 L
			III		5 L	E1			60 L
UN3414	SODIUM CYANIDE SOLUTION	6.1	I		0	E5	1 000		1 L

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			II		0.1 L	E4	1 000		5 L
					5 L	E1			60 L
UN3415	SODIUM FLUORIDE SOLUTION	6.1	III		5 L	E1			60 L
UN3416 <small>SOR/2016-95</small>	CHLOROACETOPHENONE, LIQUID	6.1	II		0	E0		Forbidden	Forbidden
UN3417	XYLYL BROMIDE, SOLID	6.1	II	38	0	E4			Forbidden
UN3418	2,4-TOLUYLENEDIAMINE SOLUTION	6.1	III		5 L	E1			60 L
UN3419	BORON TRIFLUORIDE ACETIC ACID COMPLEX, SOLID	8	II		1 kg	E2			15 kg
UN3420	BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, SOLID	8	II		1 kg	E2			15 kg
UN3421	POTASSIUM HYDROGEN DIFLUORIDE SOLUTION	8 (6.1)	II		1 L	E2	1 000		1 L
			III		5 L	E1			5 L
UN3422	POTASSIUM FLUORIDE SOLUTION	6.1	III		5 L	E1			60 L
UN3423	TETRAMETHYLAMMONIUM HYDROXIDE, SOLID	8	II		1 kg	E2			15 kg
UN3424	AMMONIUM DINITRO-o-CRESOLATE, SOLUTION	6.1	II		0.1 L	E4			5 L
			III		5 L	E1			60 L
UN3425 <small>SOR/2016-95</small>	BROMOACETIC ACID, SOLID	8	II		1 kg	E2			15 kg
UN3426	ACRYLAMIDE SOLUTION	6.1	III		5 L	E1			60 L
UN3427	CHLOROBENZYL CHLORIDES, SOLID	6.1	III		5 kg	E1			100 kg
UN3428	3-CHLORO-4- METHYL ISOCYANATE, SOLID	6.1	II		0.5 kg	E4			25 kg
UN3429	CHLOROTOLUIDINES, LIQUID	6.1	III		5 L	E1			60 L
UN3430	XYLENOLS, LIQUID	6.1	II		0.1 L	E4			5 L
UN3431	NITROBENZOTRIFLUORIDES, SOLID	6.1	II		0.5 kg	E4			25 kg
UN3432	POLYCHLORINATED BIPHENYLS, SOLID, regulated only when the concentration is more than 50 ppm, by mass	9	II		1 kg	E2			100 kg
UN3434	NITROCRESOLS, LIQUID	6.1	III		5 L	E1			60 L
UN3436 <small>SOR/2016-95</small>	HEXAFLUOROACETONE HYDRATE, SOLID	6.1	II		0.5 kg	E4			25 kg
UN3437	CHLOROCRESOLS, SOLID	6.1	II		0.5 kg	E4			25 kg
UN3438	<i>alpha</i> -METHYLBENZYL ALCOHOL, SOLID	6.1	III		5 kg	E1			100 kg
UN3439	NITRILES, SOLID, TOXIC, N.O.S.	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN3440	SELENIUM COMPOUND, LIQUID, N.O.S.	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L
UN3441	CHLORODINITROBENZENES, SOLID	6.1	II	43	0.5 kg	E4			25 kg

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UN3442 <small>SOR/2016-95</small>	DICHLOROANILINES, SOLID	6.1	II	43	0.5 kg	E4			25 kg
UN3443	DINITROBENZENES, SOLID	6.1	II		0.5 kg	E4			25 kg
UN3444	NICOTINE HYDROCHLORIDE, SOLID	6.1	II		0.5 kg	E4			25 kg
UN3445	NICOTINE SULFATE, SOLID; or NICOTINE SULPHATE, SOLID	6.1	II		0.5 kg	E4			25 kg
UN3446	NITROTOLUENES, SOLID	6.1	II		0.5 kg	E4			25 kg
UN3447	NITROXYLENES, SOLID	6.1	II		0.5 kg	E4			25 kg
UN3448	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1	I	16, 38	0	E0	1 000	Forbidden	Forbidden
			II	16, 38	0	E0	1 000	Forbidden	Forbidden
UN3449	BROMOBENZYL CYANIDES, SOLID, except <i>p</i> -bromobenzyl cyanide	6.1	I		0	E5	1 000	Forbidden	Forbidden
UN3450 <small>SOR/2016-95</small>	DIPHENYLCHLOROARSINE, SOLID	6.1	I	38	0	E0	1 000	Forbidden	5 kg
UN3451	TOLIDINES, SOLID	6.1	II	43	0.5 kg	E4			25 kg
UN3452	XYLIDINES, SOLID	6.1	II		0.5 kg	E4			25 kg
UN3453	PHOSPHORIC ACID, SOLID	8	III		5 kg	E1			25 kg
UN3454	DINITROTOLUENES, SOLID	6.1	II		0.5 kg	E4			25 kg
UN3455	CRESOLS, SOLID	6.1 (8)	II		0.5 kg	E4			15 kg
UN3456	NITROSYLSULFURIC ACID, SOLID; or NITROSYLSULPHURIC ACID, SOLID	8	II		1 kg	E2		Forbidden	15 kg
UN3457	CHLORONITROTOLUENES, SOLID	6.1	III		5 kg	E1			25 kg
UN3458 <small>SOR/2016-95</small>	NITROANISOLES, SOLID	6.1	III	43	5 kg	E1			100 kg
UN3459	NITROBROMOBENZENES, SOLID	6.1	III		5 kg	E1			100 kg
UN3460	N-ETHYLBENZYL TOLIDINES, SOLID	6.1	III		5 kg	E1			100 kg
UN3462	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S. (toxins from plant, animal or bacterial sources that contain infectious substances, or toxins that are contained in infectious substances must be classified in Division 6.2)	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN3463	PROPIONIC ACID, with not less than 90% acid by mass	8 (3)	II		1 L	E2			1 L
UN3464	ORGANOPHOSPHORUS COMPOUND, SOLID, TOXIC, N.O.S.	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN3465	ORGANOARSENIC COMPOUND, SOLID, N.O.S.	6.1	I	16	0	E5	1 000		5 kg
			II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
UN3466	METAL CARBONYLS, SOLID, N.O.S.	6.1	I	16	0	E5	1 000	Forbidden	5 kg

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/ Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN3467	ORGANOMETALLIC COMPOUND, SOLID, TOXIC, N.O.S.	6.1	II	16	0.5 kg	E4			25 kg
			III	16	5 kg	E1			100 kg
			I	16	0	E5	1 000		5 kg
UN3468	HYDROGEN IN A METAL HYDRIDE STORAGE SYSTEM;  HYDROGEN IN A METAL HYDRIDE STORAGE SYSTEM CONTAINED IN EQUIPMENT; or HYDROGEN IN A METAL HYDRIDE STORAGE SYSTEM PACKED WITH EQUIPMENT	2.1			0	E0	1 000	Forbidden	Forbidden
			I	59, 142	0	E0		Forbidden	0.5 L
			II	59, 142	1 L	E2			1 L
UN3469	PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base), with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass; or PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound), with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass	3 (8)	III	59, 142	5 L	E1			5 L
UN3470	PAINT, CORROSIVE, FLAMMABLE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base), with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass; or PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE (including paint thinning or reducing compound), with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass	8 (3)	II	59, 142	1 L	E2			1 L
UN3471 <small>SOR/2016-95</small>	HYDROGENDIFLUORIDES SOLUTION, N.O.S.	8 (6.1)	II		1 L	E2	1 000		1 L
			III		5 L	E1			5 L
UN3472	CROTONIC ACID, LIQUID	8	III		5 L	E1			
UN3473	FUEL CELL CARTRIDGES, containing flammable liquids;  FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing flammable liquids; or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing flammable liquids	3			1 L	E0			5 L
UN 3474	1-HYDROXYBENZOTRIAZOLE MONOHYDRATE	4.1	I	38, 62	0	E0	75	Forbidden	0.5 kg

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/ Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN3475 <i>SOR/2015-100</i>	ETHANOL AND GASOLINE MIXTURE, with more than 10% ethanol; ETHANOL AND MOTOR SPIRIT MIXTURE, with more than 10% ethanol; or ETHANOL AND PETROL MIXTURE, with more than 10% ethanol	3	II	150	30 L	E2		ForbIDDEN	5 L
UN3476	FUEL CELL CARTRIDGES, containing water-reactive substances; FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing water-reactive substances; or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing water-reactive substances	4.3		101	0.5 kg or 0.5 L	E0			5 kg
UN3477	FUEL CELL CARTRIDGES, containing corrosive substances; FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing corrosive substances; or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing corrosive substances	8		101	1 kg or 1 L	E0			5 kg
UN3478	FUEL CELL CARTRIDGES, containing liquefied flammable gas; FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing liquefied flammable gas; or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing liquefied flammable gas	2.1		101, 103	0.2 L	E0			1 kg
UN3479	FUEL CELL CARTRIDGES, containing hydrogen in metal hydride; FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing hydrogen in metal hydride; or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing hydrogen in metal hydride	2.1		101, 102	0.120 L	E0			1 kg
UN3480 <i>SOR/2017-137</i>	LITHIUM ION BATTERIES (including lithium ion polymer batteries)	9		34, 123, 137, 138, 159	0	E0			5 kg
UN3481 <i>SOR/2017-137</i>	LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT (including lithium ion polymer batteries); or LITHIUM ION BATTERIES PACKED WITH EQUIPMENT (including lithium ion polymer batteries)	9		34, 123, 137, 138, 159	0	E0			5 kg
UN3482	ALKALI METAL DISPERSION, FLAMMABLE, including lithium, sodium, potassium, rubidium and cesium; or ALKALINE EARTH METAL DISPERSION, FLAMMABLE, including magnesium, calcium, strontium and barium	4.3 (3)	I	38	0	E0	1 000	ForbIDDEN	ForbIDDEN

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/ Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN3483	MOTOR FUEL ANTI-KNOCK MIXTURE, FLAMMABLE, with a flash point of not more than 60°C	6.1 (3)	I		0	E0	1 000	Forbidden	Forbidden
UN3484	HYDRAZINE AQUEOUS SOLUTION, FLAMMABLE, with more than 37% hydrazine by mass	8 (3) (6.1)	I		0	E0	1 000	Forbidden	Forbidden
UN3485	CALCIUM HYPOCHLORITE, DRY, CORROSIVE, with more than 39% available chlorine (8.8% available oxygen); or CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE, with more than 39% available chlorine (8.8% available oxygen)	5.1 (8)	II	38, 94	1 kg	E2		Forbidden	5 kg
UN3486	CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE, with more than 10% but not more than 39% available chlorine	5.1 (8)	III	94	5 kg	E1		Forbidden	25 kg
UN3487	CALCIUM HYPOCHLORITE, HYDRATED, CORROSIVE, with not less than 5.5% but not more than 16% water; or CALCIUM HYPOCHLORITE MIXTURE, HYDRATED, CORROSIVE, with not less than 5.5% but not more than 16% water	5.1 (8)	II	94, 117	1 kg	E2		Forbidden	5 kg
			III	94	5 kg	E1		Forbidden	25 kg
UN3488	TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	6.1 (3) (8)	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3489	TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	6.1 (3) (8)	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3490	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	6.1 (4.3) (3)	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3491	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	6.1 (4.3) (3)	I	16, 23	0	E0	1 000	Forbidden	Forbidden
UN3494 <small>SOR/2016-95</small>	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3 (6.1)	I	106, 150	0	E0		Forbidden	Forbidden
			II	106, 150	1 L	E2		Forbidden	1 L
			III	106, 150	5 L	E1		Forbidden	60 L
UN3495	IODINE	8 (6.1)	III	43	5 kg	E1			25 kg
UN3496	BATTERIES, NICKEL-METAL HYDRIDE	9		97	0	E0			
UN3497	KRILL MEAL	4.2	II	131	0	E2			
			III	131	0	E1			
UN3498	IODINE MONOCHLORIDE, LIQUID	8	II		1 L	E0		Forbidden	1 L
UN3499	CAPACITOR, ELECTRIC DOUBLE LAYER (with an energy storage capacity greater than 0.3 Wh)	9		124	0	E0			
UN3500	CHEMICAL UNDER PRESSURE, N.O.S.	2.2		16, 130	0	E0			75 kg

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
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					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN3501	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.	2.1		16, 130	0	E0		Forbidden	Forbidden
UN3502	CHEMICAL UNDER PRESSURE, TOXIC, N.O.S.	2.2 (6.1)		16, 130	0	E0		Forbidden	Forbidden
UN3503	CHEMICAL UNDER PRESSURE, CORROSIVE, N.O.S.	2.2 (8)		16, 130	0	E0		Forbidden	Forbidden
UN3504	CHEMICAL UNDER PRESSURE, FLAMMABLE, TOXIC, N.O.S.	2.1 (6.1)		16, 130	0	E0		Forbidden	Forbidden
UN3505	CHEMICAL UNDER PRESSURE, FLAMMABLE, CORROSIVE, N.O.S.	2.1 (8)		16, 130	0	E0		Forbidden	Forbidden
UN3506	MERCURY CONTAINED IN MANUFACTURED ARTICLES	8 (6.1)		127	5 kg	E0			
UN3507 <small>SOR/2017-137</small>	URANIUM HEXAFLUORIDE, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, less than 0.1 kg per package, non-fissile or fissile excepted	6.1 (7) (8)	I	162	0	E0			
UN3508	CAPACITOR, ASYMMETRIC (with an energy storage capacity greater than 0.3 Wh)	9		144	0	E0			
UN3509	PACKAGINGS DISCARDED, EMPTY, UNCLEANED	9		146	0	E0			
UN3510	ADSORBED GAS, FLAMMABLE, N.O.S.	2.1		16	0	E0	3 000	Forbidden	Forbidden
UN3511	ADSORBED GAS, N.O.S.	2.2		16	0	E0		Forbidden	Forbidden
UN3512	ADSORBED GAS, TOXIC, N.O.S.	2.3		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3513	ADSORBED GAS, OXIDIZING, N.O.S.	2.2 (5.1)		16	0	E0	3 000	Forbidden	Forbidden
UN3514	ADSORBED GAS, TOXIC, FLAMMABLE, N.O.S.	2.3 (2.1)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3515	ADSORBED GAS, TOXIC, OXIDIZING, N.O.S.	2.3 (5.1)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3516 <small>SOR/2017-137</small>	ADSORBED GAS, TOXIC, CORROSIVE, N.O.S.	2.3 (8)		16, 23, 38, 158	0	E0	25	Forbidden	Forbidden
UN3517	ADSORBED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2.3 (2.1) (8)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3518	ADSORBED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2.3 (5.1) (8)		16, 23, 38	0	E0	25	Forbidden	Forbidden
UN3519	BORON TRIFLUORIDE, ADSORBED	2.3 (8)		23	0	E0	50	Forbidden	Forbidden
UN3520	CHLORINE, ADSORBED	2.3 (5.1) (8)		23	0	E0	500	Forbidden	Forbidden
UN3521	SILICON TETRAFLUORIDE, ADSORBED	2.3 (8)		23, 38	0	E0	25	Forbidden	Forbidden
UN3522	ARSINE, ADSORBED	2.3 (2.1)		23, 38	0	E0	25	Forbidden	Forbidden
UN3523	GERMANE, ADSORBED	2.3 (2.1)		23, 38	0	E0	25	Forbidden	Forbidden
UN3524	PHOSPHORUS PENTAFLUORIDE, ADSORBED	2.3 (8)		23, 38	0	E0	25	Forbidden	Forbidden

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/ Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger- Carrying Ship Index	Passenger- Carrying Road Vehicle or Passenger- Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN3525	PHOSPHINE, ADSORBED	2.3 (2.1)		23, 38	0	E0	25	Forbidden	Forbidden
UN3526	HYDROGEN SELENIDE, ADSORBED	2.3 (2.1)		23, 38	0	E0	25	Forbidden	Forbidden
UN3527 <i>SOR/2017-137</i>	POLYESTER RESIN KIT, solid base material	4.1	II	141, 153	5 kg	E0			1 kg
			III	141, 153	5 kg	E0			5 kg
UN3528 <i>SOR/2017-137</i>	ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED; or ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED; or MACHINERY, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED; or MACHINERY, FUEL CELL, FLAMMABLE LIQUID POWERED	3		154	0	E0			
UN3529 <i>SOR/2017-137</i>	ENGINE, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED; or ENGINE, FUEL CELL, FLAMMABLE GAS POWERED; or MACHINERY, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED; or MACHINERY, FUEL CELL, FLAMMABLE GAS POWERED	2.1		154	0	E0			Forbidden
UN3530 <i>SOR/2017-137</i>	ENGINE, INTERNAL COMBUSTION; or MACHINERY, INTERNAL COMBUSTION	9		154	0	E0			
UN3531 <i>SOR/2017-137</i>	POLYMERIZING SUBSTANCE, SOLID, STABILIZED, N.O.S.	4.1	III	16, 155	0	E0			10 kg
UN3532 <i>SOR/2017-137</i>	POLYMERIZING SUBSTANCE LIQUID, STABILIZED, N.O.S.	4.1	III	16, 155	0	E0			10 L
UN3533 <i>SOR/2017-137</i>	POLYMERIZING SUBSTANCE, SOLID, TEMPERATURE CONTROLLED, N.O.S.	4.1	III	16, 155	0	E0			Forbidden
UN3534 <i>SOR/2017-137</i>	POLYMERIZING SUBSTANCE, LIQUID, TEMPERATURE CONTROLLED, N.O.S.	4.1	III	16, 155	0	E0			Forbidden



## SCHEDULE 2

### SPECIAL PROVISIONS

This Schedule gives the text of the special provisions that apply to dangerous goods. The numbers of the special provisions in this Schedule correspond to the numbers in column 5 of Schedule 1. Each UN number that has the special provision against it is included in italics at the end of each special provision.

- 1 If these explosives contain chlorates, they must not be packed in the same means of containment with explosives containing ammonium nitrate or any other ammonium salt. In addition, if these explosives are to be transported in the same means of transport with explosives containing ammonium nitrate or any other ammonium salt, they must be separated from those explosives so that there will be no reaction in the event of an accident.

*UN0083*

- 2 **Repealed** SOR/2008-34

- 3 **Repealed** SOR/2014-306

- 4 The net explosives quantity for these dangerous goods is calculated as 50% of the gross mass expressed in kilograms when the true net explosives quantity cannot reasonably be determined.

*SOR/2008-34*

*UN0333, UN0334, UN0335, UN0428, UN0429, UN0430*

*SOR/2008-34*

- 5 The net explosives quantity for these dangerous goods is calculated as 25% of the gross mass expressed in kilograms when the true net explosives quantity cannot reasonably be determined.

*SOR/2008-34*

*UN0336, UN0337, UN0431, UN0432*

*SOR/2008-34*

- 6 **Repealed** SOR/2008-34

- 7 **Repealed** SOR/2008-34

- 8 **Repealed** SOR/2008-34

- 9 **Repealed** SOR/2008-34

- 10 These dangerous goods may be included in Class 4.1 if

(a) they are in a quantity less than or equal to 500 g per means of containment;

(b) they contain not less than 10 per cent water by mass; and

(c) a negative test result is obtained when they are tested in accordance with the Series 6 type (c) test referred to in Section 16 of Part I of the Manual of Tests and Criteria.

*UN0154, UN0155, UN0214, UN0215, UN0234, UN0401, UN1344, UN1354, UN1355, UN3364 to UN3368*

*SOR/2014-306*

**11 Repealed SOR/2014-306**

**12 Repealed SOR/2014-306**

**13 Repealed SOR/2014-306**

**14 Repealed SOR/2014-306**

**15 [Reserved]**

**16**

(1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks).

*SOR/2014-306*

(2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:

*SOR/2012-245*

- (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.;
- (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.;
- (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.;
- (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.; or
- (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.

*An example in Canada is the “Food and Drugs Act”.*

(3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:

*SOR/2014-306*

- (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or
- (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS.

*SOR/2014-306*

UN0020, UN0021, UN0190, UN0248, UN0249, UN0349 to UN0359, UN0382 to UN0384, UN0461 to UN0482, UN0485, UN1078, UN1224, UN1228, UN1325, UN1378, UN1383, UN1409, UN1450, UN1461, UN1462, UN1479, UN1482, UN1544, UN1549, UN1556, UN1557, UN1564, UN1566, UN1583, UN1588, UN1601, UN1602, UN1655, UN1693, UN1707, UN1719, UN1759, UN1760, UN1851, UN1903, UN1935, UN1953 to UN1956, UN1964, UN1965, UN1967, UN1968, UN1986 to UN1989, UN1992, UN1993, UN2006, UN2024 to UN2026, UN2206, UN2478, UN2570, UN2588, UN2627, UN2630, UN2693, UN2733 to UN2735, UN2757 to UN2764, UN2771, UN2772, UN2775 to UN2784, UN2786 to UN2788, UN2801, UN2810, UN2811, UN2813, UN2814, UN2845, UN2846, UN2856, UN2881, UN2900, UN2902, UN2903, UN2920 to UN2930, UN2991 to UN2998, UN3005, UN3006, UN3009 to UN3021, UN3024 to UN3027, UN3071, UN3077, UN3080, UN3082, UN3084 to UN3088, UN3093 to UN3096, UN3098, UN3099, UN3101 to UN3120, UN3122 to UN3126, UN3128 to UN3132, UN3134, UN3135, UN3139 to UN3144, UN3146 to UN3148, UN3156 to UN3158, UN3160 to UN3163, UN3172, UN3175, UN3176, UN3178 to UN3192, UN3194, UN3200, UN3205 to UN3210, UN3212 to UN3214, UN3219, UN3221 to UN3240, UN3243, UN3244, UN3248, UN3249, UN3256 to UN3267, UN3271 to UN3290, UN3301, UN3303 to UN3312, UN3334 to UN3336, UN3345 to UN3352, UN3354, UN3355, UN3361, UN3362, UN3379 to UN3400, UN3439, UN3440, UN3448, UN3462, UN3464 to UN3467, UN3488 to UN3491, UN3500 to UN3505, UN3510 to UN3518

*SOR/2014-306*

- 17 These dangerous goods may be handled, offered for transport or transported under the UN number and shipping name UN1268, PETROLEUM DISTILLATES, N.O.S., PETROLEUM PRODUCTS N.O.S., DISTILLATS DE PÉTROLE, N.S.A. or PRODUITS PÉTROLIERS, N.S.A.
- UN1203, UN1863*
- 18 These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to UN1845, CARBON DIOXIDE, SOLID, or DRY ICE that is in a means of containment that is transported by a road vehicle or a railway vehicle if the means of containment is designed and constructed to permit the release of carbon dioxide in order to prevent the build-up of pressure that could rupture the means of containment.

*SOR/2014-306*

*UN1845*

- 19 A person must not handle, offer for transport or transport chemically unstable mixtures of these dangerous goods.
- UN1826, UN1832*

- 20 [Reserved]

- 21
- (1) This shipping name has the UN number
- (a) UN2990, if it is a life-saving appliance that is self-inflating and that includes as equipment one or more of the dangerous goods set out in subsection (2); or
- (b) UN3072, if it is a life saving appliance that is not self-inflating and that includes as equipment one or more of the dangerous goods set out in subsection (2).
- (2) The dangerous goods are
- (a) signal devices included in Class 1 that are contained in a means of containment designed, constructed, filled, closed, secured and maintained to prevent them from being inadvertently activated under normal conditions of transport;
- (b) non-flammable, non-toxic gases included in Class 2.2;
- (c) first aid kits or repair kits that contain dangerous goods included in Classes 3, 4.1, 5.2, 8 or 9 that are in quantities that are less than or equal to the limited quantities set out for them in column 6(a) of Schedule 1;
- (d) electric storage batteries included in Class 8 and lithium metal or lithium ion batteries included in Class 9;
- (e) “strike anywhere” matches contained in one or more means of containment designed, constructed, filled, closed, secured and maintained to prevent them from being inadvertently activated under normal conditions of transport; and
- (f) for UN2990 only, cartridges, power devices, included in Class 1.4S, to activate the self-inflating appliance if the net explosive quantity in an appliance is less than or equal to 3 200 mg.
- (3) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transport of a life-saving appliance on a road vehicle or a railway vehicle if
- (a) the life-saving appliance is contained in a means of containment that is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety;
- (b) the means of containment has a gross mass less than or equal to 40 kg;
- (c) the life-saving appliance contains only dangerous goods included in Class 2.2 with no subsidiary class;
- (d) the dangerous goods are contained in a cylinder with a capacity less than or equal to 120 mL; and
- (e) the cylinder is installed in the life-saving appliance for the purpose of activating the appliance.

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*UN2990, UN3072*

**22** [Reserved]

**23**

- (1) A person must not import, offer for transport, handle or transport these dangerous goods unless
- (a) they are contained in a means of containment that is marked in accordance with section 4.23, or, for UN1005, ANHYDROUS AMMONIA, in a large means of containment, in accordance with section 4.18.2; and
  - (b) they are accompanied by a shipping document that complies with subparagraph 3.5(1)(c)(vii).
- (2) This special provision does not apply to a person who transports these dangerous goods in accordance with an exemption set out in section 1.15, 1.17 or 1.17.1 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases).

*UN1005, UN1008, UN1016, UN1017, UN1023, UN1026, UN1040, UN1045, UN1048, UN1050 to UN1053, UN1062, UN1064, UN1067, UN1069, UN1071, UN1076, UN1079, UN1082, UN1092, UN1098, UN1135, UN1143, UN1163, UN1182, UN1185, UN1238, UN1239, UN1244, UN1251, UN1259, UN1380, UN1510, UN1541, UN1560, UN1569, UN1580 to UN1582, UN1589, UN1595, UN1605, UN1612, UN1613, UN1647, UN1660, UN1670, UN1672, UN1695, UN1722, UN1741, UN1744 to UN1746, UN1749, UN1752, UN1754, UN1809, UN1810, UN1829, UN1831, UN1834, UN1838, UN1859, UN1892, UN1911, UN1953, UN1955, UN1967, UN1975, UN1994, UN2032, UN2186, UN2188 to UN2192, UN2194 to UN2199, UN2202, UN2204, UN2232, UN2334, UN2337, UN2382, UN2407, UN2417, UN2418, UN2420, UN2421, UN2438, UN2442, UN2474, UN2477, UN2480 to UN2488, UN2521, UN2534, UN2548, UN2605, UN2606, UN2644, UN2646, UN2668, UN2676, UN2692, UN2740, UN2743, UN2826, UN2901, UN3023, UN3057, UN3079, UN3083, UN3160, UN3162, UN3168, UN3169, UN3246, UN3294, UN3300, UN3303 to UN3310, UN3318, UN3355, UN3381 to UN3390, UN3488 to UN3491, UN3512, UN3514 to UN3526*

*SOR/2017-137*

**24** Lead compounds are considered to be insoluble if they exhibit a solubility of 5 per cent or less when they are mixed in a ratio of 1:1000 with 0.07 molar hydrochloric acid and stirred for one hour at a temperature of  $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ .

*UN2291*

**25**

- (1) These dangerous goods may be handled, offered for transport or transported under this shipping name as component parts of vehicle air bags or seat belt pretensioners if they are tested in accordance with the Series 6 type (c) test in Section 16 of Part I of the Manual of Tests and Criteria and show no explosion of the device, no fragmentation of device casings and no projection hazard or thermal effect that could hinder fire fighting or other emergency response efforts. If the air bag inflator unit passes the Series 6 type (c) test, the test does not have to be repeated on the air bag module itself.
- (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to safety devices, electrically initiated, or safety devices, pyrotechnic, installed in road vehicles, ships or aircraft or in completed components such as steering columns, door panels and seats.

*SOR/2014-306*

*UN0503, UN3268*

*SOR/2014-306*

**26** *Repealed.* *SOR/2014-152*

**27** [Reserved]

**28** A person must not handle, offer for transport or transport these dangerous goods unless they are stabilized and their temperature is maintained below the control temperature while they are being transported.

*UN1026, UN3111 to UN3118, UN3231 to UN3240*

**29** *Repealed.* *SOR/2008-34*

**30** [Reserved]

- 31** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to dangerous goods transported under this shipping name if the dangerous goods contain 10 per cent or less ammonium nitrate and at least 12 per cent water.

*SOR/2014-306*

*UN1454*

- 32** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), Part 2 (Classification) and Part 3 (Documentation), do not apply to these dangerous goods if they are transported by road vehicle or railway vehicle in a large means of containment and

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- (a) the large means of containment is in standard with CSA B621 for transport by road vehicle or with TP14877 for transport by railway vehicle; and
- SOR/2014-152*
- (b) the road vehicle or railway vehicle is marked on each side, in letters and numerals that are at least 6 mm wide and 100 mm high, with
  - (i) the letters and numerals UN2448, or
  - (ii) the numerals 2448 and the words MOLTEN SULPHUR, MOLTEN SULFUR or SOUFRE FONDÉ.

*SOR/2008-34*

*UN2448*

*SOR/2008-34*

- 33** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to these dangerous goods if the dangerous goods

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- (a) are in a quantity less than or equal to 400 kg per means of containment; or
- (b) have been formed to a specific shape such as prills, granules, pellets, pastilles or flakes.

*UN1350*

**34**

- (1)** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of lithium cells and batteries on a road vehicle, a railway vehicle or a ship on a domestic voyage if

- (a) for a lithium metal or lithium alloy cell, the lithium content is not more than 1 g, and, for a lithium-ion cell, the watt-hour rating is not more than 20 Wh;
- (b) for a lithium metal or lithium alloy battery, the aggregate lithium content is not more than 2 g, and for a lithium-ion battery, the watt-hour rating is not more than 100 Wh;
- (c) lithium ion batteries are marked with the watt-hour rating on the outside case, except for those manufactured before January 1, 2009;
- (d) each cell and battery type passes each of the tests set out in paragraph 2.43.1(2)(a) of Part 2 (Classification);  
*SOR/2017-137*
- (e) the cells and batteries are afforded protection against short circuit, including protection against contact with conductive materials within the same packaging that could lead to a short circuit;
- (f) the cells and batteries are packed in a means of containment that completely encloses the cells and batteries;
- (g) the gross mass of the cells and batteries does not exceed 30 kg, except when the cells and batteries are installed in or packed with equipment; and

- (h) the cells and batteries are packed in a means of containment capable of withstanding a 1.2 m drop test in any orientation without damage to the cells or batteries contained inside the means of containment, without the contents shifting so as to allow battery-to-battery or cell-to-cell, contact, and without release of contents.
- (2) Cells and batteries referred to in subsection (1) that are installed in equipment must, unless they are afforded equivalent protection by the equipment in which they are contained,
- (a) be afforded protection against damage and short circuit, including protection against contact with conductive materials within the same packaging that could lead to a short circuit;
  - (b) subject to subsection (3), be fitted to prevent accidental activation; and
  - (c) be packed in a means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety.
- (3) Paragraph (2)(b) does not apply to cells and batteries installed in devices that are intentionally active during transport such as radio frequency identification transmitters, watches and sensors, and that are not capable of generating a dangerous evolution of heat.
- (4) Except for means of containment containing button cell batteries installed in equipment, including circuit boards, or no more than four cells installed in equipment or no more than two batteries installed in equipment, each means of containment must be marked with the appropriate lithium battery mark in accordance with section 4.24.

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- (5) Despite subsection (4), except for means of containment containing button cell batteries installed in equipment, including circuit boards, or no more than four cells installed in equipment or no more than two batteries installed in equipment, each means of containment may, until December 31, 2018, be marked with the following:

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- (a) “lithium metal”, “lithium métal”, “lithium ion” or “lithium ionique”, as appropriate;
- (b) an indication that the means of containment must be handled with care and that a flammability hazard exists if the means of containment is damaged;
- (c) an indication that special procedures must be followed in the event the means of containment is damaged, including inspection and repacking, if necessary; and
- (d) a telephone number to call for additional information.

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*UN3090, UN3091, UN3480, UN3481*

*SOR/2014-306*

**35** [Reserved]

**36** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of these dangerous goods by road vehicle or railway vehicle if they are in the form of pellets or dry bulk mash meeting the requirements of CGSB-32.301.

*SOR/2014-306*

*UN1386, UN2217*

**37** Part 3, Documentation, Part 4, Dangerous Goods Safety Marks, and Part 6, Training, do not apply to these dangerous goods or mixtures or solutions of them if they are transported by road vehicle and are

- (a) purchased by retail sale and are being transported between any of the following places:
  - (i) the place of purchase,

- (ii) the place of use or consumption, and
  - (iii) the purchaser's place of residence;
- (b) in a quantity less than or equal to 13.6 tonnes; and
- (c) accompanied by a record sheet that includes the shipping name, the UN number and the quantity of the dangerous goods or mixtures or solutions of them.

*UN1942, UN2067*

*SOR/2014-306*

- 38** A person must not handle, offer for transport or transport these dangerous goods in a large means of containment if they are in direct contact with the large means of containment.

*UN1001, UN1045, UN1050, UN1058, UN1081, UN1194, UN1204, UN1222, UN1259, UN1261, UN1308, UN1310, UN1320 to UN1322, UN1324, UN1336, UN1337, UN1344, UN1347 to UN1349, UN1354 to UN1357, UN1360, UN1364, UN1378, UN1380, UN1383, UN1389, UN1391, UN1392, UN1396, UN1404, UN1407, UN1409 to UN1411, UN1413 to UN1415, UN1418, UN1419, UN1421, UN1426, UN1427, UN1432, UN1433, UN1436, UN1472, UN1491, UN1504, UN1510, UN1517, UN1556, UN1557, UN1569, UN1571, UN1575, UN1582, UN1589, UN1612, UN1614, UN1660, UN1693, UN1697 to UN1701, UN1714, UN1748, UN1749, UN1854, UN1855, UN1859, UN1865, UN1868, UN1870, UN1889, UN1911, UN1913, UN1953, UN1955, UN1957, UN1959, UN1967, UN1970, UN1975, UN1982, UN1994, UN2006, UN2008, UN2010 to UN2013, UN2036, UN2186, UN2188 to UN2190, UN2192, UN2194 to UN2199, UN2202 to UN2204, UN2417, UN2418, UN2420, UN2421, UN2451, UN2463, UN2466, UN2471, UN2480, UN2545 to UN2548, UN2555 to UN2557, UN2591, UN2626, UN2627, UN2676, UN2741, UN2806, UN2813, UN2814, UN2846, UN2852, UN2870, UN2881, UN2900, UN2901, UN2907, UN2956, UN2988, UN3048, UN3064, UN3083, UN3094 to UN3096, UN3101 to UN3108, UN3111 to UN3118, UN3124, UN3125, UN3129 to UN3132, UN3134, UN3135, UN3148, UN3160, UN3162, UN3221 to UN3241, UN3248, UN3249, UN3303 to UN3310, UN3317, UN3355, UN3364 to UN3370, UN3373, UN3376, UN3379, UN3380, UN3401, UN3402, UN3417, UN3448, UN3450, UN3474, UN3482, UN3485, UN3512, UN3514 to UN3518, UN3521 to UN3526*

*SOR/2014-306*

- 39**
- (1) These dangerous goods may be handled, offered for transport or transported under this shipping name if the dangerous goods are
- (a) protected from short circuits; and
  - (b) capable of withstanding, without leakage of battery fluid, the following tests:
    - (i) a vibration test, in which
      - (A) the battery is rigidly clamped to the platform of a vibration machine and a simple harmonic motion having an amplitude of 0.8 mm (1.6 mm maximum total excursion) is applied,
      - (B) the frequency is varied in steps of 1 Hz each minute between the limits of 10 Hz and 55 Hz,
      - (C) the entire range of frequencies and return is traversed in  $95 \pm 5$  minutes with 2 minutes spent at each frequency for each mounting position (direction of vibration) of the battery, and
      - (D) the battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for equal time periods, and
    - (ii) after the vibration test, a pressure differential test, in which
      - (A) the battery is stored for 6 hours at  $24^\circ\text{C} \pm 4^\circ\text{C}$  while subjected to a pressure differential greater than or equal to 88 kPa, and
      - (B) the battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for at least 6 hours in each position.

- (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to UN2800, BATTERIES, WET, NON-SPILLABLE, electric storage, that are not intended for disposal, if

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- (a) at a temperature of  $55^\circ\text{C}$ , electrolyte will not flow from a ruptured or cracked battery case and there is no free liquid to flow; and

- (b) when the battery is prepared for transport, the battery's terminals are protected from short circuits.

*UN2800*

*SOR/2011-239*

- 40** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to these articles if each article  
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- (a) has a gas space capacity less than or equal to 1.6 L and a charge pressure less than or equal to 28 000 kPa and, when the capacity (litres) is multiplied by the charge pressure (kilopascals) and then divided by 100, the result is less than or equal to 80;
- (b) has a minimum burst pressure that is 4 times the charge pressure at 20°C for an article that has a gas space capacity less than or equal to 0.5 L and 5 times the charge pressure at 20°C for an article that has a gas space capacity greater than 0.5 L;
- (c) is manufactured from material that will not fragment if ruptured; and
- (d) is protected from rupture by means of a fire degradable seal or a pressure relief device to relieve internal pressure.

*UN3164*

**41**

- (1) A person must not handle, offer for transport or transport UN3356, OXYGEN GENERATOR, CHEMICAL, that contains dangerous goods included in Class 5.1, Oxidizing Substances, unless:
- (a) the oxygen generator is capable of withstanding a 1.8 m drop test onto a rigid, non-resilient, flat and horizontal surface, in the position that is most likely to cause damage, without loss of its contents and without its activation;
  - (b) if the oxygen generator is equipped with an activating device, it has at least two positive means to prevent an unintentional activation; and
  - (c) the oxygen generator is transported in a means of containment that is inside another means of containment so that, if the oxygen generator is activated,
    - (i) it will not activate other oxygen generators being transported in the same means of transport,
    - (ii) the means of containment will not ignite, and
    - (iii) the outside surface temperature of the outer means of containment will not exceed 100°C.
- (2) A person must not handle, offer for transport or transport an oxygen generator under this shipping name if it is equipped with an activating device that meets the criteria for inclusion in Class 1, Explosives.

*UN3356*

**42** *Repealed SOR/2008-34*

**43** Despite section 2.1 of Part 2, Classification, these dangerous goods are assigned to this classification based on human experience.

*UN1230, UN1547, UN1577, UN1578, UN1590, UN1591, UN1661, UN1662, UN1663, UN1671, UN1673, UN1708, UN2023, UN2078, UN2311, UN2432, UN2474, UN2512, UN3409, UN3441, UN3442, UN3451, UN3458, UN3495*

*SOR/2016-95*

**44** [Reserved]

**45** Maneb and maneb preparations that have been stabilized against self-heating do not have to be classified with a primary class of Class 4.2 or be assigned the UN number UN2210 if it can be demonstrated by testing that 1 m<sup>3</sup> of the substance does not self-ignite and that the temperature at the centre of a 1 m<sup>3</sup> sample does not exceed 200°C when the sample is kept in a storage area maintained at a temperature of not less than 75°C ± 2°C for a period of 24 hours. In this case, the dangerous goods have the classification assigned to the UN number UN2968.

*UN2210*

**46** [Reserved]

**47** [Reserved]

**48** [Reserved]

**49** [Reserved]

**50** *Repealed SOR/2014-306*

**51** *Repealed SOR/2014-306*

**52** *Repealed SOR/2014-306*

**53** *Repealed SOR/2014-306*

**54** [Reserved]

**55** Aqueous solutions of inorganic nitrate substances do not meet the criteria for inclusion in Class 5.1 if the concentration of the inorganic nitrate substances in the aqueous solution at the minimum temperature that may be encountered in transport is not more than 80 per cent of the saturation limit of the inorganic nitrate substance in solution.

*UN3218*

**56**

- (1) When solids that are not dangerous goods, and liquids included in Class 3, Flammable Liquids, are in a mixture, the mixture may be handled, offered for transport or transported under this shipping name without the tests and criteria for including substances in Class 4.1, Flammable Solids, first being applied to them, if
- (a) there is no visible liquid at the time the mixture is loaded into a means of containment or at the time the means of containment is closed; and
  - (b) each means of containment is leakproof.
- (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to a sealed packet or article containing less than 10 mL of dangerous goods included in Class 3, Flammable Liquids, packing group II or III, if there is no free liquid in the packet or article.

*SOR/2014-306*

*UN3175*

- 57** When solids that are not dangerous goods and liquids included in Class 6.1, Toxic Substances, are in a mixture, the mixture may be handled, offered for transport or transported under this shipping name without the tests and criteria for including substances in Class 6.1, Toxic Substances, first being applied, if
- (a) the mixture is included in Packing Group II or III;
  - (b) there is no free liquid visible at the time the mixture is loaded into a means of containment or at the time the means of containment is closed; and
  - (c) each means of containment is leakproof.

*UN3243*

- 58** When solids that are not dangerous goods and liquids included in Class 8, Corrosives, are in a mixture, the mixture may be handled, offered for transport or transported under this shipping name without the tests and criteria for including substances in Class 8, Corrosives, first being applied, if
- (a) there is no free liquid visible at the time the mixture is loaded into a means of containment or at the time the means of containment is closed; and
  - (b) each means of containment is leakproof.

*UN3244*

- 59** Substances that are listed by name in Schedule 1 must not be transported under this shipping name. Substances transported under this shipping name may contain not more than 20 per cent nitrocellulose if the nitrocellulose contains not more than 12.6 per cent nitrogen (by dry mass).

*UN1210, UN1263, UN1266, UN3066, UN3469, UN3471*

*SOR/2016-95*

- 60** *Repealed SOR/2014-306*

- 61** This substance may be handled, offered for transport or transported under a class other than Class 1 if it is packed so that the percentage of water that it contains will not, at any time during transport, fall below the percentage stated in the descriptive text associated with the shipping name. When phlegmatized with water and inorganic inert material the content of urea nitrate must not exceed 75 per cent by mass and the mixture must not be capable of being detonated by the Test Series 1 type (a) test referred to in section 11 of Part I in the Manual of Tests and Criteria.

*UN1357, UN3370*

*SOR/2016-95*

- 62** These dangerous goods may be handled, offered for transport or transported under Class 4.1 if they are packed in a means of containment so that the percentage of diluent in them will not, at any time during transport, fall below the percentage stated for the diluent in the descriptive text associated with the shipping name.

*UN1310, UN1320 to UN1322, UN1336, UN1337, UN1344, UN1347 to UN1349, UN1354 to UN1357, UN1517, UN1571, UN3317, UN3364 to UN3370, UN3376, UN3474*

*SOR/2014-306*

- 63** These Regulations do not apply to these dangerous goods unless they are to be transported by aircraft.

*UN1910, UN2807, UN2812, UN3334, UN3335*

*SOR/2014-306*

- 64**

- (1) These Regulations do not apply to these dangerous goods unless they are to be transported by ship.

- (2) These dangerous goods must not be transported by ship when they are wet, damp or contaminated with oil.

*UN1327  
SOR/2014-306*

**65**

- (1) A chemical kit or first aid kit must be included in the packing group that is the most stringent packing group assigned to any one of the dangerous goods in the kit, and the kit must not contain
- (a) dangerous goods that are not allowed to be transported as limited quantities or that are forbidden for transport in Schedule 1 or Schedule 3;
  - (b) dangerous goods that react dangerously with each other; or
  - (c) a total quantity of dangerous goods that is greater than 1 L or 1 kg.
- (2) A chemical kit or first aid kit containing dangerous goods in inner packagings that do not exceed the quantity limits for limited quantities applicable to individual substances as specified in column 6(a) of Schedule 1 may be transported in accordance with section 1.17 of Part 1 (Coming into force, Repeal, Interpretation, General Provisions and Special Cases).

*The shipping name CHEMICAL KIT or FIRST AID KIT is intended for boxes and cases containing small quantities of various dangerous goods that are used, for example, for medical, analytical, or testing or repair purposes.*

*Kits that are carried on board road vehicles, railway vehicles, ships or aircraft for first-aid or operating purposes are not subject to these Regulations.*

*SOR/2014-306*

*UN3316*

- 66** These dangerous goods are forbidden for transport by ship.

*UN1347, UN1512*

**67**

- (1) The UN number and shipping name UN3171, BATTERY-POWERED VEHICLE applies to vehicles powered by wet batteries, sodium batteries, lithium metal batteries or lithium ion batteries and that are transported with these batteries installed, including vehicles that are transported in a means of containment.
- (2) For greater certainty, in the case of a vehicle transported in a means of containment, subsection (1) applies to a vehicle that is transported with some parts detached from their frame in order to fit into the means of containment.
- (3) The UN number and shipping name UN3171, BATTERY-POWERED EQUIPMENT applies to equipment that is powered by wet batteries or sodium batteries and that is transported with these batteries installed.
- (4) Equipment powered by lithium metal batteries or lithium ion batteries must be handled, offered for transport or transported under the UN number and shipping name
- (a) UN3091, LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT;
  - (b) UN3091, LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT;
  - (c) UN3481, LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT; or
  - (d) UN3481, LITHIUM ION BATTERIES PACKED WITH EQUIPMENT.
- (5) A hybrid electric vehicle that is powered by an internal combustion engine and by wet batteries, sodium batteries, lithium metal batteries or lithium ion batteries and that is transported with the batteries installed must be handled, offered for transport or transported under the UN number and shipping name
- (a) UN3166, VEHICLE, FLAMMABLE GAS POWERED; or
  - (b) UN3166, VEHICLE, FLAMMABLE LIQUID POWERED.
- (6) A vehicle that contains a fuel cell must be handled, offered for transport or transported under the UN number and shipping name

- (a) UN3166, VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED; or
  - (b) UN3166, VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED.
- (7) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport, transport or import of dangerous goods other than batteries that are contained in a vehicle and that are required for the functioning or safe operation of the vehicle, if they are on a road vehicle, a railway vehicle or a ship on a domestic voyage.

*SOR/2017-137*

*UN3171*

*SOR/2017-137*

- 68 These dangerous goods are forbidden for transport by ship if they contain one or more of the following substances:

- (a) AMMONIUM HYPOCHLORITE;
- (b) AMMONIUM NITRATE liable to self-heating sufficient to initiate decomposition;
- (c) AMMONIUM NITRITES and mixtures of an inorganic nitrite with an ammonium salt;
- (d) CHLORIC ACID, AQUEOUS SOLUTION, with more than 10 per cent chloric acid;
- (e) ETHYL NITRITE, pure;
- (f) HYDROCYANIC ACID, AQUEOUS SOLUTION (HYDROGEN CYANIDE, AQUEOUS SOLUTION) with more than 20% hydrogen cyanide;
- (g) HYDROGEN CHLORIDE, REFRIGERATED LIQUID;
- (h) HYDROGEN CYANIDE, SOLUTION IN ALCOHOL with more than 45% hydrogen cyanide;
- (i) MERCURY OXYCYANIDE, pure;
- (j) METHYL NITRITE;
- (k) PERCHLORIC ACID with more than 72% acid, by mass;
- (l) SILVER PICRATE, dry or wetted with less than 30% water, by mass; or
- (m) ZINC AMMONIUM NITRITE.

*SOR/2014-306*

*UN1194, UN1347, UN1479, UN1512, UN1613, UN1642, UN1873, UN2067, UN2186, UN2455, UN2626, UN2627, UN3212, UN3219, UN3294*

*SOR/2014-306*

- 69 The following definitions apply to matches:

- (a) fusee matches are matches the heads of which are prepared with a friction-sensitive igniter composition and a pyrotechnic composition that burns with little or no flame but with intense heat;
- (b) safety matches are matches that are combined with or attached to the box, book or card and that can be ignited by friction only on a prepared surface;
- (c) strike-anywhere matches are matches that can be ignited by friction on a solid surface; and
- (d) Wax Vesta matches are matches that can be ignited by friction either on a prepared surface or on a solid surface.

*UN1331, UN1944, UN1945, UN2254*

*SOR/2017-137*

**70**

- (1) These dangerous goods must be formulated so that during transport they remain homogeneous and do not separate.
- (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to formulations of these dangerous goods when they have a low nitrocellulose content and *SOR/2014-306*
- (a) are not capable of detonating or deflagrating when tested using the Test Series 1 type (a) test referred to in section 11 of Part I of the Manual of Tests and Criteria;
  - (b) do not explode when heated under confinement when tested using the Test Series 1 type (b) test and Test Series 1 type (c) test referred to in section 11 of Part I of the Manual of Tests and Criteria; and
  - (c) are not flammable solids when tested using Test N.1 referred to in section 33.2.1.4 of Part III of the Manual of Tests and Criteria; to perform this test, the particle size of the nitrocellulose must be less than 1.25 mm or the nitrocellulose must be crushed and sieved to this size.

*UN2557*

**71** Ammonium nitrites and mixtures of an inorganic nitrite with an ammonium salt are forbidden for transport.

*UN2627*

**72** Despite paragraph 2.5(d) of Part 2, Classification, if these dangerous goods meet the definitions and criteria for inclusion in other classes in accordance with Part 2, Classification, the subsidiary class or classes must be shown on a shipping document along with the primary class for the dangerous goods.

*UN2908 to UN2911*

**73** During transport, these dangerous goods must be protected from direct sunlight and stored away from all sources of heat in a cool and well-ventilated place.

*UN3241*

**74**

- (1) If these dangerous goods have a subsidiary class or classes, they must be assigned to Packing Group I, II or III, as appropriate, in accordance with the criteria in Part 2, Classification, for the subsidiary class that takes precedence.
- (2) The description of the subsidiary class or classes of the dangerous goods and the labels and placards must be displayed on a means of containment in accordance with the requirements in Part 4, Dangerous Goods Safety Marks.
- (3) The description of the subsidiary class or classes on a shipping document must be in accordance with Part 3, Documentation.
- (4) The name of the constituents which predominantly contribute to the subsidiary class or classes must be shown in parentheses, after the shipping name on the shipping document.

*SOR/2014-306*

*UN2912, UN2913, UN2915, UN2916, UN2917, UN2919, UN3321 to UN3333*

**75** *Repealed SOR/2008-34*

**76** Despite section 5.7 of Part 5, Means of Containment, any combination of these dangerous goods included in Class 1, Explosives, may be handled, offered for transport or transported in a road vehicle if

- (a) the total quantity of all the dangerous goods included in Class 1, expressed in net explosives quantity, is less than or equal to 5 kg;
- (b) the total number of articles of dangerous goods subject to special provision 86 is less than or equal to 100 articles; and

- (c) the operator of the road vehicle has a valid Pyrotechnic Card that has been issued to the operator by the Explosives Regulatory Division of Natural Resources Canada.

*SOR/2008-34*

*UN0027, UN0066, UN0094, UN0101, UN0105, UN0161, UN0197, UN0255, UN0305, UN0325, UN0335, UN0336, UN0337, UN0349, UN0430, UN0431, UN0432, UN0454, UN0499*

*SOR/2008-34*

**77 Repealed SOR/2008-34**

- 78** These dangerous goods do not include ammonium permanganate which is forbidden for transport. (*See Schedule 3*)

*UN1482*

- 79** These dangerous goods are forbidden for transport if they contain less alcohol, water or phlegmatizer than specified in the descriptive text associated with the shipping name.

*UN0072, UN0074, UN0075, UN0113, UN0114, UN0129, UN0130, UN0133, UN0135, UN0143, UN0150, UN0159, UN0226, UN0391, UN0433*

- 80** Despite section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with the requirements for transporting gases in Part 5 (Means of Containment).

*SOR/2016-95*

*UN1950, UN2037*

*SOR/2016-95*

**81 Repealed SOR/2014-152**

**82 Repealed SOR/2014-306**

**83 Repealed SOR/2014-152**

- 84** The infectious substances identified in subsection 7.1(7) of Part 7, Emergency Response Assistance Plan, require an emergency response assistance plan.

*SOR/2011-239*

*UN2814, UN2900*

*SOR/2011-239*

- 85** Despite the index number in column 6(a) of Schedule 1, these dangerous goods may be handled, offered for transport or transported in accordance with section 1.31 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) when they are in a quantity that is less than or equal to 15 000 articles.

*SOR/2014-306*

*UN0044*

*SOR/2014-306*

- 86** Despite the index number in column 6(a) of Schedule 1, these dangerous goods may be handled, offered for transport or transported in accordance with section 1.31 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) when they are in a quantity that is less than or equal to 100 articles.

*SOR/2014-306*

*UN0029, UN0030, UN0121, UN0131, UN0255, UN0267, UN0315, UN0325, UN0349, UN0360, UN0361, UN0367, UN0368, UN0454 to UN0456, UN0500*

*SOR/2014-306*

- 87** Despite the word “Forbidden” in column 9 of Schedule 1, these dangerous goods may be transported on a passenger carrying road vehicle or a passenger carrying railway vehicle in accordance with section 1.15 of Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases, when they are used for medical purposes during transport and are in a means of containment with a capacity less than or equal to 1 L.

*SOR/2008-34*

*UN1073*

*SOR/2008-34*

- 88** Despite the quantity limits in column 9 of Schedule 1 for these dangerous goods, a road vehicle is not a passenger carrying road vehicle unless the passengers in it are transported for hire or reward.

*SOR/2008-34*

*UN1202, UN1203, UN1978*

*SOR/2008-34*

- 89** *Repealed SOR/2014-152*

- 90** These Regulations, except for Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases, and Part 2, Classification, do not apply to the handling, offering for transport or transporting of these dangerous goods on a road vehicle, a railway vehicle or on ship on a domestic voyage if

- (a) these dangerous goods are contained in small means of containment that
  - (i) are constructed of metal or robust, electrically conductive plastic,
  - (ii) are designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of these dangerous goods that could endanger public safety, and
  - (iii) each have a capacity that is less than or equal to 500 g;
- (b) the gross mass of all these dangerous goods is 12 kg or less;
- (c) the gross mass of all the dangerous goods, including that of these dangerous goods,
  - (i) is less than or equal to 150 kg for dangerous goods transported on the road vehicle or the railway vehicle, and
  - (ii) is less than or equal to 150 kg for dangerous goods transported on the ship, excluding dangerous goods in a road vehicle or railway vehicle being transported on the ship; and
- (d) these dangerous goods are in a quantity or concentration available to the general public and are transported by
  - (i) a user or purchaser of these dangerous goods, or
  - (ii) a retailer to or from a user or purchaser of these dangerous goods.

*SOR/2014-159*

*UN0027, UN0028*

*SOR/2014-159*

- 91** *Repealed SOR/2017-137*

**92**

- (1) The consignor must classify these dangerous goods on the basis of samples.

- (2) The consignor must make available to the Minister, on reasonable notice given by the Minister, a document that explains the sampling method and includes the following information:

- (a) the scope of the method;
- (b) the sampling apparatus;
- (c) the sampling procedures;

- (d) the frequency and conditions of sampling; and
- (e) a description of the quality control management system in place.

*Many methods are available for the sampling of petroleum products. An example can be found in American Society for Testing and Materials Standard ASTM D4057-12, "Standard Practice for Manual Sampling of Petroleum and Petroleum Products".*

*The frequency and conditions of sampling should allow for the variability of the dangerous goods to ensure representativeness. The classification assigned to the dangerous goods should reflect the properties of the dangerous goods during transport.*

*SOR/2014-152*

*UN1267, UN1268*

*SOR/2014-152*

**93**

- (1) A vehicle that contains an internal combustion engine must be transported under UN3166, VEHICLE, FLAMMABLE GAS POWERED, or UN3166, VEHICLE, FLAMMABLE LIQUID POWERED, as appropriate. This shipping name applies to hybrid electric vehicles that are powered by an internal combustion engine and by wet batteries, sodium batteries, lithium metal batteries or lithium ion batteries and that are transported with the batteries installed.
- (2) A vehicle that contains a fuel cell must be handled, offered for transport or transported under the UN number and shipping name
  - (a) UN3166, VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED; or
  - (b) UN3166, VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED.

*SOR/2017-137*

- 94** When these dangerous goods are in transport, they must be kept out of direct sunlight and away from all sources of heat, and must be placed in adequately ventilated areas.

*These dangerous goods are liable to exothermic decomposition at elevated temperatures. Decomposition can be initiated by heat or by impurities such as powdered metals like iron, manganese, cobalt, magnesium and their compounds.*

*Calcium hypochlorite is a self-heating substance that decomposes rapidly and releases toxic chlorine gas when heated or exposed to sunlight.*

*SOR/2014-306*

*UN1748, UN2208, UN2880, UN3485 to UN3487*

*SOR/2014-306*

- 95** For the purposes of this shipping name, "FUMIGATED UNIT" is a large means of containment and includes a road vehicle, a railway vehicle, a freight container and a portable tank. These Regulations, except for subsection 3.5(3) of Part 3 (Documentation) and section 4.21 of Part 4 (Dangerous Goods Safety Marks), do not apply to fumigated units containing no other dangerous goods.

*SOR/2014-306*

*UN3359*

*SOR/2014-306*

- 96** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to these dangerous goods unless they are transported by aircraft or by ship.

*SOR/2014-306*

*UN3166, UN3171*

*SOR/2014-306*

- 97** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to these dangerous goods unless they are transported by ship.

*SOR/2014-306*

*UN1372, UN1387, UN1856, UN1857, UN2216, UN3360, UN3496*

*SOR/2014-306*

- 98** If these dangerous goods are composed of more than 10 per cent ethanol, they must be transported under UN3475, ETHANOL AND GASOLINE MIXTURE.

*SOR/2014-306*

*UN1203*

*SOR/2014-306*

**99**

- (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., may be handled, offered for transport or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means containment and during transport.
- (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety.

*SOR/2014-306*

*UN3077, UN3082*

*SOR/2014-306*

- 100** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to magnesium nitrate hexahydrate.

*SOR/2014-306*

*UN1474*

*SOR/2014-306*

**101**

- (1) This shipping name applies to fuel cell cartridges, including fuel cell cartridges contained in equipment or packed with equipment. Fuel cell cartridges installed in or integral to a fuel cell system are considered as contained in equipment. Fuel cell cartridges, including fuel cell cartridges contained in equipment, must be designed and constructed to prevent fuel leakage under normal conditions of transport.
- (2) Fuel cell cartridge design types must pass the following tests:
- (a) an internal pressure test at a pressure of 100 kPa (gauge) without leakage, if the fuel cell cartridge design type uses liquids as fuels; and
  - (b) a 1.2 m drop test onto an unyielding surface, in the orientation most likely to result in failure of the containment system, with no loss of contents.
- (3) When lithium metal or lithium ion batteries are contained in the fuel cell system, the following UN number and shipping name must be assigned, as appropriate:
- (a) UN3091, LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT; or
  - (b) UN3481, LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT.

SOR/2014-306

UN3476 to UN3479  
SOR/2014-306

**102**

- (1) Fuel cell cartridges that contain hydrogen in a metal hydride and that are transported under this shipping name must have a capacity less than or equal to 120 mL. The fuel cell cartridges must be designed and constructed to prevent fuel leakage under normal conditions of transport.
- (2) The pressure in the fuel cell cartridge must not exceed 5 MPa at 55°C. The design type must be capable of withstanding, without leakage or bursting, a pressure of at least two times the design pressure of the cartridge at 55°C or 200 kPa more than the design pressure of the cartridge at 55°C, whichever is greater.

*The pressure at which this test is conducted is referred to as the “minimum shell burst pressure” in paragraph 4(c) in relation to the drop test and in subsection (7) in relation to the hydrogen cycling test.*

- (3) Fuel cell cartridges must be filled in accordance with procedures specified by the manufacturer and the manufacturer must provide, with each fuel cell cartridge, the following information:
- (a) inspection procedures to be carried out before initial filling and before refilling of the fuel cell cartridge;
  - (b) safety precautions and potential hazards;
  - (c) method for determining when the rated capacity has been achieved;
  - (d) minimum and maximum pressure range;
  - (e) minimum and maximum temperature range; and
  - (f) any other requirements to be met for initial filling and refilling, including the type of equipment to be used for these operations.
- (4) Each cartridge design type, including cartridges integral to a fuel cell, must
- (a) withstand a 1.8 m drop test onto an unyielding surface in the four following orientations:
    - (i) vertically, on the end containing the shut-off valve,
    - (ii) vertically, on the end opposite to the shut-off valve,
    - (iii) horizontally, onto a steel apex with a diameter of 38 mm, with the steel apex in the upward position; and
    - (iv) at a 45° angle on the end containing the shut-off valve;
  - (b) show no leakage, determined by using a soap bubble solution or other equivalent means on all possible leak locations, when the cartridge is charged to its rated charging pressure; and
  - (c) be hydrostatically pressurized to destruction with a recorded burst pressure that exceeds 85 per cent of the minimum shell burst pressure.
- (5) Each cartridge design type, including the design types for cartridges integral to a fuel cell, must pass a fire engulfment test using a fuel cell cartridge filled to rated capacity with hydrogen. The cartridge design type, which may have a vent feature integral to it, is deemed to have passed the fire engulfment test if
- (a) the internal pressure vents to zero pressure without rupture of the cartridge; or
  - (b) the cartridge withstands the fire for a minimum of 20 minutes without rupture.
- (6) Each cartridge design type, including the design types for cartridges integral to a fuel cell, must pass a hydrogen cycling test in which the fuel cell cartridge is cycled, for at least 100 cycles, from not more than 5 per cent rated hydrogen capacity to not less

than 95 per cent rated hydrogen capacity and then back to not more than 5 per cent rated hydrogen capacity. The rated charging pressure must be used for charging, and temperatures must be held within the operating temperature range.

- (7) Following the hydrogen cycling test, the fuel cell cartridge must be charged, and the water volume displaced by the cartridge must be measured. The cartridge design type is deemed to have passed the hydrogen cycling test if the water volume displaced by the cycled cartridge does not exceed the water volume displaced by an uncycled cartridge charged to 95 per cent rated capacity and pressurized to 75 per cent of its minimum shell burst pressure.
- (8) Each cartridge design type, including the design types for cartridges integral to a fuel cell, must pass a production leak test in which the fuel cell cartridge is tested for leaks at  $15^{\circ}\text{C} \pm 5^{\circ}\text{C}$  while pressurized to its rated charging pressure. There must be no leakage, determined by using a soap bubble solution or other equivalent means on all possible leak locations.
- (9) Each fuel cell cartridge must be permanently marked with the following information:
  - (a) the rated charging pressure, in megapascals (MPa);
  - (b) the manufacturer's serial number or the unique identification number of the fuel cell cartridge; and
  - (c) the date of expiry, based on the maximum service life (four digits for the year, two digits for the month).

*SOR/2014-306*

*UN3479*

*SOR/2014-306*

- 103** Each fuel cell designed to contain a liquefied flammable gas and transported under this shipping name must

- (a) be capable of withstanding, without leakage or bursting, a pressure of at least two times the equilibrium pressure of the contents at  $55^{\circ}\text{C}$ ;
- (b) contain a liquefied flammable gas that is in a quantity less than or equal to 200 mL and that has a vapour pressure less than or equal to 1 000 kPa at  $55^{\circ}\text{C}$ ; and
- (c) pass the hot water bath test described in section 6.2.4.1 of the UN Recommendations.

*SOR/2014-306*

*UN3478*

*SOR/2014-306*

**104**

- (1) Flammable liquefied gases must be contained within refrigerating-machine components. These components must be designed to withstand at least three times the working pressure of the machinery and must be tested to ensure they meet that requirement. The refrigerating machines must be designed and constructed to contain the liquefied gas and to preclude the risk of the pressure-retaining components bursting or cracking during normal conditions of transport.
- (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting, on a road vehicle, a railway vehicle or a ship on a domestic voyage, of refrigerating machines and refrigerating-machine components transported that contain less than 12 kg of gas.

*SOR/2014-306*

*UN3358*

*SOR/2014-306*

- 105** This shipping name must not be used unless the results of Test series 6(d) in Part I of the Manual of Tests and Criteria have demonstrated that any hazardous effects arising from functioning are confined within the means of containment.

*SOR/2014-306*

*UN0323, UN0366, UN0441, UN0445, UN0455, UN0456, UN0460, UN0500*

*SOR/2014-306*

**106** When petroleum crude oil contains hydrogen sulphide in sufficient concentration that vapours evolved from the crude oil can present an inhalation hazard, the words “toxic by inhalation” or “toxic — inhalation hazard” or “toxique par inhalation” or “toxicité par inhalation” must be included

- (a) on a large means of containment, next to the placard for the primary class; and
- (b) on the shipping document, after the description required under section 3.5(1)(c) of Part 3 (Documentation).

*SOR/2014-306*

*UN1267, UN3494*

*SOR/2016-95*

**107**

(1) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2, (Classification), do not apply to the handling, offering for transport or transporting of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a ship on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL.

(2) Subsection (1) does not apply to self-defence spray.

*SOR/2014-306*

*UN1950, UN2037*

*SOR/2014-306*

**108** These dangerous goods must, at the time the containment system is closed, be at a pressure that corresponds to atmospheric pressure and that does not exceed 105 kPa absolute.

*SOR/2014-306*

*UN3167 to UN3169*

*SOR/2014-306*

**109** The following fire extinguishers may be equipped with actuating cartridges included in Class 1.4C or 1.4S, without changing the classification of Class 2.2, if the total quantity of deflagrating (propellant) explosives in each fire extinguisher does not exceed 3.2 g:

- (a) portable fire extinguishers for manual handling and operation;
- (b) fire extinguishers for installation on board aircraft;
- (c) fire extinguishers mounted on wheels for manual handling;
- (d) fire extinguishing equipment or machinery mounted on wheels, on wheeled platforms or on units of transport similar to trailers; and
- (e) fire extinguishers composed of a pressure drum and of equipment without wheels, and handled by fork lift or crane, for example, whether loaded or unloaded.

*SOR/2014-306*

*UN1044*

*SOR/2014-152*

**110**

(1) If these dangerous goods contain at least 90 per cent, by mass, of phlegmatizer, then lactose, glucose or similar substances may be used as a phlegmatizer. The mixture of the dangerous goods and the phlegmatizer may be classified in Class 4.1 in accordance with Test Series 6(c) of Section 16 of Part I of the Manual of Tests and Criteria. The tests in the Test Series 6(c) must be performed on at least three means of containment prepared as if for transport.

- (2) A person is not required to display a class 6.1 label on a means of containment that contains a mixture of the dangerous goods and the phlegmatizer if the mixture contains not less than 90 per cent, by mass, of phlegmatizer.
- (3) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to a mixture of the dangerous goods and the phlegmatizer if the mixture contains not less than 98 per cent, by mass, of phlegmatizer.

*SOR/2014-306*

*UN0143*

*SOR/2014-306*

- 111** This shipping name must not be used for the transport of non-activated batteries unless they contain dry potassium hydroxide and are intended to be activated prior to use by the addition of an appropriate amount of water to each cell.

*SOR/2014-306*

*UN3028*

*SOR/2014-306*

- 112** To determine the content of ammonium nitrate in substances that are mixtures and that are transported under UN2067, AMMONIUM NITRATE BASED FERTILIZER, all nitrate ions for which a molecular equivalent of ammonium ions is present in the mixture must be calculated as a mass of ammonium nitrate.

*SOR/2014-306*

*UN2067, UN2071*

*SOR/2014-306*

- 113** The shipping name UN 2067, AMMONIUM NITRATE BASED FERTILIZER, must not be used for mixtures containing ammonium nitrate as the main constituent unless the mixtures are within the following limits:

- (a) at least 90 per cent ammonium nitrate with 0.2 per cent or less of total combustible or organic material calculated as carbon and with material, if any, that is inorganic and inert towards ammonium nitrate;
- (b) less than 90 per cent but more than 70 per cent ammonium nitrate with other inorganic materials, or more than 80 per cent but less than 90 per cent ammonium nitrate mixed with calcium carbonate, dolomite or mineral calcium sulphate and not more than 0.4 per cent total combustible or organic material calculated as carbon; or
- (c) nitrogen-type ammonium nitrate based fertilizers containing mixtures of ammonium nitrate and ammonium sulphate with more than 45 per cent but less than 70 per cent ammonium nitrate and not more than 0.4 per cent total combustible or organic material calculated as carbon such that the sum of the percentage compositions of ammonium nitrate and ammonium sulphate exceeds 70 per cent.

*SOR/2014-306*

*UN2067*

*SOR/2014-152*

**114**

- (1) The shipping name UN2071, AMMONIUM NITRATE BASED FERTILIZER, and the data in columns 3 to 9 of Schedule 1 must not be used for uniform ammonium nitrate based fertilizer mixtures of the nitrogen, phosphate or potash type unless the mixtures are within the following composition limits:

- (a) 70 per cent or less of ammonium nitrate and 0.4 per cent or less of total combustible or organic material calculated as carbon; or
- (b) 45 per cent or less of ammonium nitrate and unrestricted combustible material.

- (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to fertilizers within the composition limits if the fertilizers are shown not to be liable to self-sustaining decomposition by the Trough Test referred to subsection 38.2 of Part III of the Manual of Tests and Criteria.

*SOR/2014-306*

*UN2071*

*SOR/2014-306*

- 115** Dangerous goods included in Class 6.1 that meet the inhalation toxicity criteria for Packing Group I set out in paragraph 2.29(2)(d) of Part 2 (Classification) must, as applicable, be offered for transport, handled or transported under UN3381, UN3382, UN3383, UN3384, UN3385, UN3386, UN3387, UN3388, UN3389, UN3390, UN3488, UN3489, UN3490 or UN3491.

*SOR/2017-137*

*UN1583, UN2810, UN2927, UN2929, UN3122, UN3123, UN3275, UN3276, UN3278 to UN3281, UN3287, UN3289*

*SOR/2017-137*

- 116** This shipping name applies only to calcium hypochlorite, dry, when transported in non-friable tablet form.

*SOR/2014-306*

*UN1748 (PG III)*

*SOR/2014-306*

- 117** When transported in non-friable tablet form, these dangerous goods are included in Packing Group III.

*SOR/2014-306*

*UN2880, UN3487*

*SOR/2014-306*

- 118** Mixtures of a hypochlorite with an ammonium salt are forbidden for transport.

*SOR/2014-306*

*UN3212*

*SOR/2014-306*

- 119** Ammonium bromate and its aqueous solutions and mixtures of a bromate with an ammonium salt are forbidden for transport.

*SOR/2014-306*

*UN1450, UN3213*

*SOR/2014-306*

- 120** Ammonium chlorate and its aqueous solutions and mixtures of a chlorate with an ammonium salt are forbidden for transport.

*SOR/2014-306*

*UN1461, UN3210*

*SOR/2014-306*

- 121** Ammonium chlorite and its aqueous solutions and mixtures of a chlorite with an ammonium salt are forbidden for transport.

*SOR/2014-306*

*UN1462*

*SOR/2014-306*

- 122** Ammonium permanganate and its aqueous solutions and mixtures of a permanganate with an ammonium salt are forbidden for transport.

*SOR/2014-306*

*UN1482, UN3214*

*SOR/2014-306*

**123**

- (1) The testing requirements in subsection 38.3 of Part III of the Manual of Tests and Criteria do not apply to production runs consisting of not more than 100 cells and batteries or to pre-production prototypes of cells and batteries that are transported on a road vehicle, a railway vehicle or a ship on a domestic voyage if
- (a) the cells or batteries are imported, offered for transport, handled or transported in accordance with Packing Instruction P910 of the UN Recommendations; and
  - (b) the pre-production prototypes of cells and batteries are in transport for the purpose of testing.

*SOR/2017-137*

- (2) Despite paragraph (1)(b), batteries that have a total mass of 12 kg or more and that have a strong, impact-resistant outer casing, or assemblies of them, may be packed in an outer means of containment or protective enclosure designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety. The batteries or battery assemblies must be protected from short-circuit.

*SOR/2014-306*

*UN3090, UN3091, UN3480, UN3481*

*SOR/2017-137*

**124**

- (1) This shipping name applies to electric double layer capacitors if the energy storage capacity of each capacitor, calculated using the nominal voltage and capacitance, is greater than 0.3 Wh.
- (2) A capacitor must
- (a) be transported in an uncharged state, if it is not installed in equipment;
  - (b) be transported in an uncharged state or be protected against short circuit, if it is installed in equipment; and
  - (c) be marked with the energy storage capacity in Wh, if it was manufactured after December 31, 2013.
- (3) When the energy storage capacity of a capacitor is less than or equal to 10 Wh, the capacitor must, when it is in transport and when it is in a module in transport, be protected against short circuit or fitted with a metal strap connecting the terminals.
- (4) When the energy storage capacity of a capacitor is greater than 10 Wh, the capacitor must, when it is in transport and when it is in a module in transport, be fitted with a metal strap connecting the terminals.
- (5) A capacitor containing dangerous goods must be designed to withstand a 95 kPa pressure differential.
- (6) A capacitor must be designed and constructed so that any pressure that may build up in use may be safely relieved through a vent or a weak point in the capacitor casing. Any liquid that is released upon venting must be contained by the means of containment containing the capacitor or by the equipment in which the capacitor is installed.
- (7) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to
- (a) a capacitor that contains an electrolyte that does not meet the criteria for inclusion in any class of dangerous goods;
  - (b) a capacitor that contains an electrolyte that meets the criteria for inclusion in a class of dangerous goods, that has an energy storage capacity of 10 Wh or less, and that is capable of withstanding a 1.2 m drop test on an unyielding surface, unpackaged, without loss of contents; or
  - (c) a capacitor that is installed in equipment and contains an electrolyte that meets the criteria for inclusion in a class of dangerous goods, if the equipment is in a means of containment that is designed, constructed, filled, closed and secured so that under normal conditions of transport, including handling, there will be no accidental functioning of the capacitor or release of the dangerous goods that could endanger public safety.

- (8) Large equipment containing a capacitor may be transported without a means of containment or on pallets, if the capacitor is afforded equivalent protection by the equipment in which it is contained.

*SOR/2014-306*

*UN3499*

*SOR/2014-306*

- 125** These dangerous goods may be handled, offered for transport or transported in accordance with subsections 1.17 (2) to (4) of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) on a road vehicle, a railway vehicle or a ship on a domestic voyage if

- (a) the dangerous goods are classified and authorized in accordance with the “Explosives Regulations, 2013”;
- (b) the dangerous goods are contained in inner means of containment that are placed in a strong outer means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety;
- (c) each inner means of containment has a gross mass less than or equal to 5 kg;
- (d) the outer means of containment has a gross mass less than or equal to 30 kg; and
- (e) the outer means of containment, as presented for transport, is capable of passing a test in accordance with Test Series 6(d) of Part I of the Manual of Tests and Criteria.

*SOR/2014-306*

*UN0012, UN0014, UN0055*

*SOR/2014-306*

- 126** Manufactured instruments and articles containing mercury may be handled, offered for transport or transported under the UN number and shipping name UN3506, MERCURY CONTAINED IN MANUFACTURED ARTICLES.

*SOR/2014-306*

*UN2809*

*SOR/2014-306*

- 127** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of articles containing a quantity of mercury that is less than or equal to 1 kg that are transported on a road vehicle, a railway vehicle or a ship on a domestic voyage.

*SOR/2014-306*

*UN3506*

*SOR/2014-306*

- 128** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to decontaminated medical or clinical wastes that previously contained infectious substances, unless the decontaminated medical or clinical wastes meet the criteria for inclusion in another class.

*SOR/2014-306*

*UN3291*

*SOR/2014-306*

- 129** These dangerous goods must be in a means of containment that is in compliance with Packing Instruction P621, IBC620 or LP621 of the UN Recommendations.

*SOR/2014-306*

*UN3291*

*SOR/2014-306*

**130**

- (1) This shipping name applies to chemicals under pressure, including liquids, pastes or powders that are pressurized with a propellant that meets the criteria set out in section 2.2.1.2 of the UN Recommendation for a compressed gas or a liquefied gas.
- (2) These dangerous goods must be assigned to
- (a) primary Class 2.1, Flammable Gases, if one of the components, which can be a pure substance or a mixture, is classified as a flammable component under subsection (3); and
  - (b) subsidiary Class 6.1, Toxic Substances, or Class 8, Corrosives, if one of the liquid or solid components is included in Class 6.1, Toxic Substances, Packing Group II or III, or Class 8, Corrosives, Packing Group II or III.
- (3) A flammable component is
- (a) a liquid that has a flashpoint of 60°C or less;
  - (b) a solid that meets the criterion set out in subparagraph 2.21(a)(i) of Part 2 (Classification); and
  - (c) a gas that meets the criteria set out in paragraph 2.14(a) of Part 2 (Classification).
- (4) This shipping name must not be used to transport
- (a) gases included in both primary Class 2.3, Toxic Gases, and subsidiary Class 5.1, Oxidizing Substances;
  - (b) substances included in Packing Group I of Class 6.1, Toxic Substances, or Class 8, Corrosives;
  - (c) liquid desensitized explosives included in Class 3, Flammable Liquids;
  - (d) self-reactive substances and solid desensitized explosives included in Class 4.1, Flammable Solids; or
  - (e) dangerous good included in
    - (i) Class 4.2, Substances Liable to Spontaneous Combustion;
    - (ii) Class 4.3, Water-reactive Substances;
    - (iii) Class 5.1, Oxidizing Substances;
    - (iv) Class 5.2, Organic Peroxides;
    - (v) Class 6.2, Infectious Substances; or
    - (vi) Class 7, Radioactive Materials.
- (5) Dangerous goods to which special packing provision PP86 or TP7 is assigned in Column 9 and Column 11 of the Dangerous Goods List in Chapter 3.2 of the UN Recommendations, and that therefore require air to be eliminated from the vapour space, must not be transported under this shipping name, but must be transported under their respective shipping names as listed in the Dangerous Goods List of Chapter 3.2 of the UN Recommendations.

*A chemical under pressure contained in an aerosol container must be transported under UN1950, AEROSOLS.*

*SOR/2014-306*

*UN3500 to UN3505*

*SOR/2014-306*

- 131** These dangerous goods must not be transported if the temperature of the dangerous goods at the time of loading exceeds the higher of 35°C or 5°C above the ambient temperature.

*SOR/2014-306*

*UN2216, UN3497*

*SOR/2014-306*

- 132** These dangerous goods must not be transported by ship if they contain less than 100 ppm of an antioxidant (ethoxyquin).

*SOR/2014-306*

*UN2216*

*SOR/2014-306*

- 133** This shipping name must not be used to transport UN3155, PENTACHLOROPHENOL.

*SOR/2014-306*

*UN2020*

*SOR/2014-306*

- 134** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to nitrocellulose membrane filters, each with a mass not exceeding 0.5 g, if they are contained individually in an article or a sealed packet.

*SOR/2014-306*

*UN3270*

*SOR/2014-306*

- 135** This shipping name applies to articles that contain dangerous goods included in Class 1, Explosives, and that may also contain dangerous goods included in other classes.

*These articles are used to enhance safety in vehicles, vessels or aircraft. They include air bag inflators, air bag modules, seat-belt pretensioners, and pyromechanical devices.*

*SOR/2014-306*

*UN0503*

*SOR/2014-306*

- 136** This shipping name applies to safety devices for road vehicles, railway vehicles, ships or aircraft, such as air bag inflators, air bag modules, seat-belt pretensioners and pyromechanical devices, that are transported as component parts and that, before being presented for transport, have been tested in accordance with the Series 6 type (c) test in Section 16 of Part I of the Manual of Tests and Criteria, with no explosion of the device tested, no fragmentation of the device casing or pressure vessel, and no projection hazard or thermal effect that could hinder fire fighting or other emergency response.

*SOR/2014-306*

*UN3268*

*SOR/2014-306*

**137**

- (1) This shipping name applies to lithium ion cells or batteries, and lithium metal cells or batteries, that are damaged or defective and do not conform to subsection 2.43.1(2) of Part 2 (Classification).

- (2) Lithium ion cells or batteries and lithium metal cells or batteries that are damaged or defective, include, but are not limited to, cells or batteries that have leaked or vented, or have sustained physical or mechanical damage, and cannot be diagnosed prior to transport, or that have been identified as being defective for safety reasons.

- (3) Lithium ion cells or batteries and lithium metal cells or batteries that are damaged or defective must be packed in accordance with Packing Instructions P908 or LP904 of the UN Recommendations, as applicable.

- (4) As applicable, the outer means of containment or the overpack must be marked legibly and visibly on a contrasting background, with the words “Damaged/Defective Lithium Ion Batteries”, “piles au lithium ionique endommagées/défectueuses”, “Damaged/Defective Lithium Metal Batteries” or “piles au lithium métal endommagées/défectueuses”.

*SOR/2016-95*

- (5) It is forbidden to transport lithium ion cells or batteries and lithium metal cells or batteries that are damaged or defective and that, under normal conditions of transport, are liable to disassemble rapidly, react dangerously, produce a flame or a dangerous evolution of heat, or produce a dangerous emission of toxic, corrosive or flammable gases or vapours.

- (6) It is forbidden to transport by aircraft lithium ion cells or batteries and lithium metal cells or batteries that are damaged or defective.

*SOR/2014-306*

*UN3090, UN3091, UN3480, UN3481*

*SOR/2014-306*

**138**

- (1) When transported for disposal or recycling, lithium ion cells or batteries and lithium metal cells or batteries, or equipment containing those cells or batteries,
- (a) are not subject to subsection 2.43.1(2) of Part 2 (Classification);
  - (b) must be packed in accordance with Packing Instructions P909 or LP904 of the UN Recommendations, as applicable, whether packed with or without non-lithium cells or batteries or equipment containing those cells or batteries;
  - (c) must be in a means of containment or an overpack that is marked legibly and visibly on a contrasting background with the words “Lithium batteries for disposal”, “Piles au lithium destinées à l’élimination”, “Lithium batteries for recycling” or “Piles au lithium destinées au recyclage”, as appropriate; and
  - (d) are forbidden for transport by aircraft.
- (2) Damaged or defective cells and batteries must be offered for transport or transported under special provision 137.

*SOR/2014-306*

*UN3090, UN3091, UN3480, UN3481*

*SOR/2014-306*

**139**

- (1) Asbestos that is immersed or fixed in a natural or artificial binder in such a way that no release of hazardous quantities of respirable asbestos fibres can occur during transport is not subject to these Regulations.  
*Minerals are examples of natural binders; cement, asphalt, resins and plastics are examples of artificial binders.*
- (2) Manufactured articles containing asbestos that is not immersed or fixed in accordance with subsection (1) are not subject to these Regulations when packed so that no release of hazardous quantities of respirable asbestos fibres can occur during transport.

*UN2212, UN2590*

*SOR/2014-306*

**140** This shipping name applies to

- (a) ammonium nitrate with more than 0.2 per cent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance; and
- (b) ammonium nitrate that contains not more than 0.2 per cent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance, and that gives a positive result for acceptance into Class 1, Explosives, when tested in accordance with Test Series 2 of Part 1 of the Manual of Tests and Criteria, Part I.

*SOR/2014-306*

*UN0222*

*SOR/2014-306*

**141**

- (1) Any dangerous goods may be transported under any of these shipping names if
- (a) the dangerous goods are contained in a chemical kit, first aid kit or polyester resin kit; and
  - (b) the quantities do not exceed the limits that apply to the dangerous goods as determined in accordance with column 6(b) of Schedule 1 and the table to subsection 1.17.1(2).

- (2) Despite paragraph (1)(b), in the case of dangerous goods that are included in Class 5.2, Organic Peroxides, the quantity limits must be determined using the alphanumeric code E2.

*SOR/2014-306*

*UN3269, UN3316*

*SOR/2014-306*

- 142** The following shipping names may be used to meet the requirements of Part 3 (Documentation) and Part 4 (Dangerous Goods Safety Marks) when these dangerous goods are offered for transport in the same means of containment:
- (a) “PAINT RELATED MATERIAL” may be used for a means of containment containing both paint and paint related material;
  - (b) “PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE” may be used for a means of containment containing both paint, corrosive, flammable, and paint related material, corrosive, flammable;
  - (c) “PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE” may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and
  - (d) “PRINTING INK RELATED MATERIAL” may be used for a means of containment containing both printing ink and printing ink related material.

*SOR/2014-306*

*UN1210, UN1263, UN3066, UN3469, UN3470*

*SOR/2014-152*

**143**

- (1) This shipping name also applies to articles containing a small pressure receptacle with a release device if
- (a) the water capacity of the pressure receptacle does not exceed 0.5 L and the working pressure does not exceed 2 500 KPa at 15°C;
  - (b) the minimum burst pressure of the pressure receptacle is at least four times the pressure of the gas at 15°C;
  - (c) each article is manufactured in such a way that unintentional firing or release is avoided under normal conditions of handling, packing, transport and use;  
*This requirement may be met by mounting an additional locking device linked to the activator.*
  - (d) each article is manufactured in such a way as to prevent hazardous projections of the pressure receptacle or its parts;
  - (e) each pressure receptacle is manufactured from material that will not fragment upon rupture;
  - (f) the design type of each article is subjected to a fire test; and
  - (g) the design type of each article must be subjected to a single package test.
- (2) For the purposes of the fire test referred to in paragraph (1)(f), the provisions of section 16.6.1.2, with the exception of paragraph (g), and sections 16.6.1.3.1 to 16.6.1.3.6, 16.6.1.3.7 (b) and section 16.6.1.3.8 of the Manual of Tests and Criteria must be applied. It must be demonstrated that the article relieves its pressure by means of a fire degradable seal or other pressure relief device in such a way that the pressure receptacle will not fragment and that the article or fragments of the article do not rocket more than 10 m.
- (3) For the purposes of the single package test referred to in paragraph (1)(g), a stimulating mechanism must be used to initiate one article in the middle of the means of containment. There must be no hazardous effects outside the means of containment, such as bursting of the means of containment, or projection of metal fragments or the receptacle itself through the means of containment.

- (4) The manufacturer must keep technical documentation on the design type and its manufacture, as well as on the tests and their results, and must apply procedures to ensure that articles manufactured in series conform to the design type and meet the conditions set out in subsection (1).

SOR/2014-306

UN3164

SOR/2014-306

**144**

- (1) All asymmetric capacitors assigned to this shipping name must meet the following conditions:
- (a) capacitors or modules are protected against short circuit;
  - (b) capacitors are designed and constructed so that any pressure that may build up in use may be safely relieved through a vent or a weak point in the capacitor casing, and any liquid that is released upon venting is contained by packaging or by the equipment in which the capacitors are installed;
  - (c) capacitors manufactured after December 31, 2015 are marked with the energy storage capacity in Wh; and
  - (d) capacitors that contain an electrolyte meeting the classification criteria of any class of dangerous goods are designed to withstand a 95 kPa pressure differential.

*Energy storage capacity means the energy stored in a capacitor, as calculated according to the following equation:*

$$Wh = 1/2C_N(U_R^2 - U_L^2) \times (1/3600),$$

*where (C<sub>N</sub>) is the nominal capacitance, (U<sub>R</sub>) is the rated voltage, and (U<sub>L</sub>) is the rated lower limit voltage*

- (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to
- (a) capacitors with an energy storage capacity less than or equal to 0.3 Wh;
  - (b) capacitors that contain an electrolyte not included in at least one of the 9 classes of dangerous goods, including when configured in a module or when installed in equipment;
  - (c) capacitors that contain an electrolyte not included in at least one of the 9 classes of dangerous goods, with an energy storage capacity less than or equal to 20 Wh, including when configured in a module if the capacitors are capable of withstanding a 1.2 m drop test on an unyielding surface, unpackaged, without loss of contents; and
  - (d) capacitors that are installed in equipment and contain an electrolyte included in at least one of the 9 classes of dangerous goods, if the equipment is contained in a strong outer means of containment that is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods or accidental functioning of capacitors that could endanger public safety.

*Large robust equipment containing capacitors may be offered for transport unpackaged or on pallets if the capacitors are afforded equivalent protection by the equipment in which they are contained.*

- (3) Despite subsections (1) and (2), nickel-carbon asymmetric capacitors containing Class 8 alkaline electrolytes must be transported as UN2795, BATTERIES, WET, FILLED WITH ALKALI, electric storage.

SOR/2014-306

UN3508

SOR/2014-306

**145**

- (1) Neutron radiation detectors containing non-pressurized boron trifluoride gas may be transported under this shipping name if
- (a) the absolute pressure in each detector does not exceed 105 kPa at 20°C;

- (b) the amount of gas does not exceed 13 g per detector;
  - (c) each detector is manufactured under a quality assurance program;  
*ISO 9001:2008 is an example of a quality assurance program.*
  - (d) each detector is of welded metal construction with brazed metal to ceramic feed through assemblies;
  - (e) each detector has a minimum burst pressure of 1 800 kPa, demonstrated by design type qualification testing; and
  - (f) each detector is tested to a  $1 \times 10^{-10}$  cm<sup>3</sup>/s leaktightness standard before being filled.
- (2) Neutron radiation detectors containing non-pressurized boron trifluoride gas transported as individual components must be offered for transport and transported as follows:
- (a) they must be packed in a sealed intermediate plastics liner with sufficient absorbent material to absorb the entire gas contents;
  - (b) they must be packed in a strong outer means of containment;
  - (c) in their outer means of containment, they must be capable of withstanding a 1.8 m drop test without any leakage of the gas contained in the detectors; and
  - (d) the total amount of gas contained in all the detectors in each outer means of containment must not exceed 52 g.
- (3) Completed neutron radiation detection systems containing detectors that meet the requirements of subsection (1) must be offered for transport and transported as follows:
- (a) the detectors must be housed in a strong sealed outer casing;
  - (b) the casing must contain sufficient absorbent material to absorb the entire gas contents of the detectors; and
  - (c) unless the outer casing affords equivalent protection, the completed systems must be packed in a strong outer means of containment capable of withstanding a 1.8 m drop test without any leakage of the gas contained in the detectors.
- (4) The shipping document must include the statement “Transported in accordance with special provision 145” or “Transporté conformément à la disposition spécial 145”.
- (5) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to
- (a) neutron radiation detectors, including those with solder glass joints, containing not more than 1 g of boron trifluoride gas, if they may be transported under this shipping name under subsection (1) and are packed in accordance with subsection (2); and
  - (b) radiation detection systems containing detectors described in paragraph (a) if the systems are packed in accordance with subsection (3).

*SOR/2014-306*

*UN1008*

*SOR/2014-306*

- 146** This shipping name must not be used for small means of containment, large means of containments or intermediate bulk containers (IBC), or parts of them, unless they
- (a) have contained dangerous goods other than radioactive materials;
  - (b) are transported for disposal, recycling, or recovery of their material other than for the purpose of reconditioning, repair, routine maintenance, remanufacturing or reuse; and

- (c) have, when offered for transport, been emptied to the extent that only residues of dangerous goods adhering to parts of the means of containment are present.

*SOR/2014-306*

*UN3509*

*SOR/2014-152*

- 147** Despite explosives packing instruction EP 17 of CGSB-43.151, a person must not handle, offer for transport or transport these dangerous goods in a UN portable tank or a highway tank.

*SOR/2014-306*

*UN0331*

*SOR/2014-306*

**148**

- (1) Part 5 (Means of Containment) does not apply to radiation detectors that contain these dangerous goods in non-refillable pressure receptacles if

- (a) the working pressure in each receptacle is less than 5 000 KPa;
- (b) the capacity of each receptacle is less than 12 L;
- (c) each receptacle has a minimum burst pressure of
  - (i) at least 3 times the working pressure, when the receptacle is fitted with a relief device, or
  - (ii) at least 4 times the working pressure, when the receptacle is not fitted with a relief device;

(d) each receptacle is manufactured from material that will not fragment upon rupture;

(e) each detector is manufactured under a quality assurance program;

*ISO 9001:2008 is an example of a quality assurance program.*

(f) the detectors are transported in strong outer means of containment; and

(g) a detector in its outer means of containment is capable of withstanding a 1.2 m drop test without breakage of the detector or rupture of the outer means of containment.

- (2) Part 5 (Means of Containment) does not apply to radiation detectors that contain these dangerous goods in non-refillable pressure receptacles and that are included in equipment, if

(a) the conditions set out in paragraphs (1)(a) to (e) are met; and

(b) the equipment is contained in a strong outer means of containment or the equipment affords the detectors with protection that is equivalent to that provided by a strong outer means of containment.

- (3) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to radiation detectors that contain these dangerous goods in non-refillable pressure receptacles, including detectors in radiation detection systems, if the detectors meet the requirements of subsection (1) or (2), as applicable, and the capacity of the receptacles that contain the detectors is less than 50 mL.

*SOR/2014-306*

*UN1006, UN1013, UN1046, UN1056, UN1065, UN1066, UN1956, UN2036*

*SOR/2014-306*

- 149** These dangerous goods are forbidden for transport as cargo on a passenger aircraft.

*SOR/2014-306*

*UN3090, UN3480*

*SOR/2016-95*

- 150** An emergency response assistance plan (ERAP) is required for these dangerous goods under subsection 7.1(6) of Part 7 (Emergency Response Assistance Plan).

*SOR/2015-100*

*UN1170, UN1202, UN1203, UN1267, UN1268, UN1863, UN1987, UN1993, UN3295, UN3475, UN3494*

*SOR/2015-100*

- 151** *Repealed* *SOR/2017-137*

- 152** Plastic moulding compounds that are made from polystyrene, poly(methyl methacrylate) or other polymeric material may be offered for transport, handled or transported under this shipping name.

*SOR/2017-137*

*UN3314*

*SOR/2017-137*

- 153**

- (1) This shipping name applies to polyester resin kits that consist of

(a) a base material that is a dangerous good included in Class 3 or 4.1 and in Packing Group II or III; and

(b) an activator that is an organic peroxide of type D, E or F that is included in Class 5.1 and does not require temperature control.

- (2) The quantity of the base material in an inner means of containment must

(a) in the case of a solid, have a mass that is less than or equal to the number set out in column 1 of the table to subsection 1.17.1(2) of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) for the corresponding alphanumeric code set out in column 6(b) of Schedule 1, if that number is expressed in grams; and

(b) in the case of a liquid, have a volume that is less than or equal to the number set out in column 1 of the table to subsection 1.17.1(2) of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) for the corresponding alphanumeric code set out in column 6(b) of Schedule 1, if that number is expressed in millilitres.

*SOR/2017-137*

*UN3269, UN3527*

*SOR/2017-137*

- 154**

- (1) These shipping names apply to engines or machinery that include internal combustion systems or fuel cells that run on and contain fuels that are dangerous goods. The engines or machinery include combustion engines, generators, compressors, turbines and heating units.

- (2) Engines or machinery containing fuels that are included in Class 3, may be imported, offered for transport, handled or transported under UN3528, ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED or UN3528, ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED or UN3528, MACHINERY, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED or UN3528, MACHINERY, FUEL CELL, FLAMMABLE LIQUID POWERED, as appropriate.

- (3) Engines or machinery containing fuels that are included in Class 2.1 and engines or machinery that run on both a flammable gas and a flammable liquid may be imported, offered for transport, handled or transported under UN3529, ENGINE, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED or UN3529, ENGINE, FUEL CELL, FLAMMABLE GAS POWERED or UN3529, MACHINERY, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED or UN3529, MACHINERY, FUEL CELL, FLAMMABLE GAS POWERED, as appropriate.

- (4) Engines or machinery containing liquid fuels that are included in Class 9 but do not meet the classification criteria of any other class, may be imported, offered for transport handled or transported under UN3530, ENGINE, INTERNAL COMBUSTION or UN3530, MACHINERY, INTERNAL COMBUSTION, as appropriate.

- (5) A person must not import, offer for transport, handle or transport an engine or a piece of machinery under one of these shipping names unless it
  - (a) is oriented to prevent inadvertent leakage of the fuel it contains; and
  - (b) is secured by means that will prevent any movement during transport which would change its orientation or cause it to be damaged.
- (6) A person must not transport an engine or piece of machinery under one of these shipping names unless all valves and openings, including venting devices, are closed during transport.
- (7) Despite the requirements in Part 4 (Dangerous Goods Safety Marks) of these Regulations, if an engine or piece of machinery is imported, offered for transport, handled or transported under one of these shipping names, either of the following safety marks must be displayed on the engine or piece of machinery:
  - (a) a placard and UN number on two opposite sides; or
  - (b) a label, a UN number and a shipping name on two opposite sides.
- (8) An engine or piece of machinery must not be imported, offered for transport, handled or transported under one of these shipping names unless
  - (a) in the case of an engine or piece of machinery that contains or is intended to contain a liquid fuel included in Class 3 or 9, the fuel tank meets the applicable requirements of Part 5 (Means of Containment) for that fuel; and
  - (b) in the case of an engine or piece of machinery that contains or is intended to contain a gaseous fuel included in Class 2.1, the fuel tank meets the applicable requirements of Part 5 (Means of Containment) for that fuel.
- (9) If an engine or piece of machinery is imported, offered for transport, handled or transported under one of these shipping names, it must be packed in accordance with Packing Instruction P005 of the UN Recommendations.
- (10) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to UN3528, ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED, UN3528, ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED, UN3528, MACHINERY, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED, UN3528, MACHINERY, FUEL CELL, FLAMMABLE LIQUID POWERED, UN3530, ENGINE, INTERNAL COMBUSTION or UN3530, MACHINERY, INTERNAL COMBUSTION, that are on a road vehicle, a railway vehicle or a ship on a domestic voyage if
  - (a) the engine or piece of machinery has a fuel tank with a capacity of 450 L or less; and
  - (b) the fuel contained in the engine or piece of machinery is a liquid contained in a means of containment that is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the fuel that could endanger public safety.
- (11) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to dangerous goods other than fuel that are contained in an engine or piece of machinery and that are required for the functioning or safe operation of the engine or piece of machinery if the engine or piece of machinery is on a road vehicle, a railway vehicle or a ship on a domestic voyage. The dangerous goods other than fuel include batteries, fire extinguishers, compressed gas accumulators and safety devices.

SOR/2017-137

UN3528, UN3529, UN3530

SOR/2017-137

155

- (1) If these dangerous goods are stabilized by temperature control, they must be offered for transport, handled and transported in accordance with section 7.1.6 of the UN Recommendations.

- (2) If chemical stabilization is employed, the person offering the means of containment for transport must ensure that the level of stabilization will prevent a dangerous polymerization of the dangerous goods at a bulk mean temperature of 50°C in the case of a small means of containment or an intermediate bulk container (IBC) or, in the case of a large means of containment that is not an IBC, at a bulk mean temperature of 45°C.
- (3) If chemical stabilization may become ineffective at lower temperatures within the anticipated duration of transport, temperature control is required. In determining whether chemical stabilization may become ineffective at lower temperatures, the person offering the means of containment for transport must take at least the following factors into consideration:
- (a) the capacity and geometry of the means of containment and the effect of any insulation;
  - (b) the temperature of the dangerous goods when offered for transport;
  - (c) the duration of the transport and the seasonal ambient temperature conditions typically encountered during transport; and
  - (d) the effectiveness and other physical or chemical properties of the stabilizer employed.

*SOR/2017-137*

*UN1010, UN1051, UN1060, UN1081, UN1082, UN1085 to UN1087, UN1092, UN1093, UN1143, UN1167, UN1185, UN1218, UN1246, UN1247, UN1251, UN1301 to UN1304, UN1545, UN1589, UN1614, UN1724, UN1829, UN1860, UN1917, UN1919, UN1921, UN1991, UN2055, UN2200, UN2218, UN2227, UN2251, UN2277, UN2283, UN2348, UN2352, UN2383, UN2396, UN2452, UN2521, UN2527, UN2531, UN2607, UN2618, UN2838, UN3022, UN3073, UN3079, UN3531 to UN3534*

*SOR/2017-137*

- 156** If a vehicle is powered by an internal combustion engine that runs on a flammable liquid and a flammable gas, the vehicle must be offered for transport, handled and transported under UN3166 VEHICLE, FLAMMABLE GAS POWERED.

*SOR/2017-137*

*UN3166*

*SOR/2017-137*

**157**

- (1) This shipping name applies to vehicles that are powered by internal combustion engines or fuel cells that run a flammable liquid or gas.
- (2) For the purposes of this special provision, vehicles are self-propelled apparatus designed to carry persons or goods. Examples include cars, motorcycles, trucks, locomotives, scooters, three- and four-wheeled vehicles or motorcycles, lawn tractors, self-propelled farming and construction equipment, boats and aircraft.
- (3) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to dangerous goods other than fuels that are contained in integral components of a vehicle if those components are securely installed and are necessary for the operation of the vehicle or for the safety of its operator or passengers. Examples include fire extinguishers, compressed gas accumulators and other safety devices.

*SOR/2017-137*

*UN3166*

*SOR/2017-137*

**158**

- (1) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply in respect of anhydrous ammonia that is adsorbed or absorbed on a solid material that is contained in an ammonia dispensing system or in a pressure receptacle that is intended to form part of an ammonia dispensing system if
- (a) the adsorption or absorption presents the following properties:
    - (i) the pressure at a temperature of 20°C in the receptacle is less than 60 kPa (0.6 bar),
    - (ii) the pressure at a temperature of 35°C in the receptacle is less than 100 kPa (1 bar), and

- (iii) the pressure at a temperature of 85°C in the receptacle is less than 1.2 MPa (12 bar);
- (b) the adsorbent or absorbent material does not meet the criteria in Part 2 (Classification) for inclusion in any of Classes 1 to 8;
- (c) the pressure receptacle
- (i) does not contain more than 10 kg of ammonia,
  - (ii) is made of a material that, as specified in special provision 379 of the UN Recommendations, is compatible with ammonia,
  - (iii) is hermetically sealed and able to contain the generated ammonia,
  - (iv) has a means of closure that hermetically seals the pressure receptacle and is able to contain the generated ammonia,
  - (v) is able to withstand the pressure generated at 85°C with a volumetric expansion of 0.1% or less,
  - (vi) is fitted with a pressure release device that allows for gas evacuation without violent rupture, explosion or projection once pressure exceeds 1.5 MPa (15 bar), and
  - (vii) is able to withstand a pressure of 2 MPa (20 bar) without leakage when the pressure relief device is deactivated; and
- (d) in the case of a pressure receptacle that is contained in an ammonia dispensing system, the pressure receptacle is connected to the system in such a way that the whole system has the same strength as a pressure receptacle that is not contained in an ammonia dispensing system.
- (2) The mechanical strength properties set out in subsection (1) must be tested
- (a) using a prototype of a pressure receptacle that is filled to nominal capacity or a prototype of a pressure receptacle that is filled to nominal capacity and is contained in an ammonia dispensing system; and
  - (b) by increasing the temperature until the pressures specified in subsection (1) are reached.

*SOR/2017-137*

*UN1005, UN3516*

*SOR/2017-137*

## **159**

- (1) Subject to subsection (2), the label and placard to be used for these dangerous goods is the one illustrated under the heading “Class 9, Lithium Batteries” in the appendix to Part 4 (Dangerous Goods Safety Marks).
- (2) The generic Class 9 label may be used until December 31, 2018.

*SOR/2017-137*

*UN3090, UN3091, UN3480, UN3481*

*SOR/2017-137*

- 160** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply in respect of the offering for transport, handling or transporting of table tennis balls that are manufactured from celluloid if the net mass of each table tennis ball is less than or equal to 3 g and the total net mass of table tennis balls is less than or equal to 500 g per package.

*SOR/2017-137*

*UN2000*

*SOR/2017-137*

**161**

- (1) Before loading, these dangerous goods must be cooled to ambient temperature, unless they have been calcined to remove moisture.
- (2) During transport, a large means of containment containing bulk loads of these dangerous goods must be ventilated and protected against ingress of water.

*SOR/2017-137*

*UN3170*

*SOR/2017-137*

**162**

- (1) Uranium hexafluoride must not be offered for transport, handled or transported under this shipping name unless the requirements of the “Packaging and Transport of Nuclear Substances Regulations, 2015” have been met.
- (2) Despite section 4.10 of Part 4 (Dangerous Goods Safety Marks), a Class 6.1 label and a Class 8 label must be displayed on a means of containment that contains uranium hexafluoride.

*SOR/2017-137*

*UN3507*

*SOR/2017-137*

- 163** These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), Part 2 (Classification), Part 4 (Dangerous Goods Safety Marks) and Part 5 (Means of Containment), do not apply to the offering for transport, handling or transporting on a road vehicle, a railway vehicle or a ship on a domestic voyage of safety matches and wax “Vesta” matches if the outer packaging has a gross mass less than or equal to 25 kg.

*SOR/2017-137*

*UN1944, UN1945*

*SOR/2017-137*

**164**

- (1) Other dangerous goods must not be packed in the same small means of containment as dangerous goods that are Class 6.2, Infectious Substances unless
  - (a) the other dangerous goods are necessary for maintaining the viability or stability of the dangerous goods that are Class 6.2, Infectious Substances, for preventing their degradation or for neutralizing the hazards that they represent;
  - (b) the other dangerous goods are included in Class 3, 8 or 9;
  - (c) the quantity of the other dangerous goods packed in each primary receptacle does not exceed 30 mL; and
  - (d) the other dangerous goods are packed in accordance with the applicable packing instruction set out in CGSB-43.125.
- (2) Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks) and Part 5 (Means of Containment) do not apply to the offering for transport, handling or transporting of the other dangerous goods if the requirements in subsection (1) are met.

*SOR/2017-137*

*UN2814, UN2900, UN3373*

*SOR/2017-137*

- 165** Despite section 4.2 of Part 4 (Dangerous Goods Safety Marks) or section 6.1 of the Act, the marking for a Type P650 packaging that is set out in CGSB-43.125 may be displayed on an empty packaging.

*SOR/2017-137*

*UN3373*

*SOR/2017-137*

- 166** Dangerous goods that are included in Class 6.1 due to inhalation toxicity in accordance with paragraph 2.28(c) of Part 2 (Classification) must, as applicable, be offered for transport, handled or transported under UN3381, UN3382, UN3383, UN3384, UN3385, UN3386, UN3387, UN3388, UN3389, UN3390, UN3488, UN3489, UN3490 or UN3491.

*SOR/2017-137*

*UN1614, UN1828, UN2285, UN2478, UN2742, UN2983*

*SOR/2017-137*

**167**

- (1) This shipping name applies only to an apparatus, piece of equipment or piece of machinery if it contains dangerous goods as an integral element. This shipping name must not be used for an apparatus, piece of equipment or piece of machinery for which a shipping name already exists in Schedule 1.
- (2) Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks) and Part 5 (Means of Containment) do not apply to the offering for transport, handling or transporting of an apparatus, piece of equipment or piece of machinery under this shipping name if
- (a) the apparatus, piece of equipment or piece of machinery is on a road vehicle, a railway vehicle or a ship on a domestic voyage;
  - (b) the apparatus, piece of equipment or piece of machinery is designed to perform a function other than solely to contain the dangerous goods;
  - (c) the dangerous goods that the apparatus, piece of equipment or piece of machinery contains
    - (i) are not explosives,
    - (ii) are not intended to be discharged from the apparatus, piece of equipment or piece of machinery, and
    - (iii) have a number that is set out in column 6(a) of Schedule 1 and
      - (A) have, in the case of a solid, a mass that is less than or equal to that number when it is expressed in kilograms,
      - (B) have, in the case of a liquid, a volume that is less than or equal to that number when it is expressed in litres, and
      - (C) are, in the case of a gas, including a gas in a liquefied form, contained in one or more means of containment whose total capacity is less than or equal to that number when it is expressed in litres.
- (3) Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks) and Part 5 (Means of Containment) do not apply to the offering for transport, handling or transporting of an apparatus, piece of equipment or piece of machinery under this shipping name if
- (a) the apparatus, piece of equipment or piece of machinery is on a road vehicle, a railway vehicle or a ship on a domestic voyage;
  - (b) the apparatus, piece of equipment or piece of machinery is designed to perform a function other than solely to contain the dangerous goods and, once it contains the dangerous goods, is not classified as an explosive in accordance with the “Explosives Regulations, 2013”; and
  - (c) the dangerous goods that the apparatus, piece of equipment or piece of machinery contains
    - (i) are explosives,
    - (ii) are not intended to be discharged from the apparatus, piece of equipment or piece of machinery,
    - (iii) have, in the case of explosives that are not subject to special provision 85 or 86, a number that is set out in column 6(a) of Schedule 1 and have a net explosives quantity that is less than or equal to that number when it is expressed in kilograms,
    - (iv) are, in the case of explosives that are subject to special provision 85, in a quantity that is less than or equal to 15,000 articles, and
    - (v) are, in the case of explosives that are subject to special provision 86, in a quantity that is less than or equal to 100 articles.

- (4) If an apparatus, piece of machinery or piece of equipment is offered for transport, handled or transported under this shipping name and it contains more than one item of dangerous goods, the items must not be capable of reacting dangerously with one another in a way that causes
- (a) the combustion or evolution of considerable heat;
  - (b) the evolution of flammable, toxic or asphyxiant gases;
  - (c) the formation of corrosive substances; or
  - (d) the formation of unstable substances.

*SOR/2017-137*

*UN3363*

*SOR/2017-137*

- 168 Subparagraph 3.5(1)(c)(vii), section 4.23, Part 7 (Emergency Response Assistance Plan) and special provision 23 do not apply to UN1831, SULFURIC ACID, FUMING with less than 30 % free SULFUR TRIOXIDE.

*SOR/2017-137*

*UN1831*

*SOR/2017-137*

## SCHEDULE 3

### ALPHABETICAL INDEX

#### LEGEND

*This Schedule contains the shipping or technical names of substances and articles set out in alphabetical order.*

*Substances that are forbidden for transport, whether or not they have a UN number, are also included in this Schedule.*

**Col. 1A Shipping or Technical Name.** This column gives the substance name, article name or shipping name for the dangerous goods. The shipping name is written in upper case letters (capitals). The French name for each entry is given in Col. 1B.

The abbreviation N.O.S. means “NOT OTHERWISE SPECIFIED”.

For the purpose of determining the alphabetical order, the following information has been ignored even when it forms part of the shipping name: numbers; Greek letters; the abbreviations “sec” and “tert”; and the letters “N”(Nitrogen), “n”(normal), “o”(ortho), “m”(meta) and “p”(para).

**Col. 2 Primary Class.** This column gives the primary class of the dangerous goods. It does not give the subsidiary classes, if any. The subsidiary classes are given in Schedule 1.

The word “Forbidden” in this column means that the substance must not be transported. A person may apply for a Permit for Equivalent Level of Safety to transport the substance (*see Part 14 (Permit for Equivalent Level of Safety)*).

**Col. 3 UN Number.** This column gives the UN number, if any, that corresponds to the shipping name in Col. 1A. The UN number is the reference point that can be used to identify in, Schedule 1, the classification elements for the substance.

**Col. 4 Marine Pollutant.** This column indicates whether the dangerous goods are marine pollutants. The letter “P” indicates a marine pollutant.

**Note 1** Marine pollutants are identified only in this Schedule. Certain marine pollutants have not been classified in an N.O.S. or generic entry. If they meet the criteria of Classes 1 to 8, they must be classified in accordance with Part 2 (Classification). A substance that does not meet the criteria for inclusion in any of these classes must be included in Class 9, Miscellaneous Products Substances or Organisms, and be offered for transport and transported under

- (a) for a solid, UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S; or
- (b) for a liquid, UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Note 2** The word “see” in column 3 means that the substance for which it is shown must be offered for transport and transported under the shipping name corresponding to the UN number indicated.

**HOW TO USE SCHEDULE 3**

This explanation describes how to use this Schedule.

Four entries are used in the following four examples to illustrate four separate situations pertaining to the classification of marine pollutants. The entries are: Chlorine, Cymol, Aldrin and Copper Metal Powder.

**Example 1 : Chlorine, UN1017**

Chlorine is a substance listed in Schedule 1 under its shipping name with its corresponding UN number, UN1017. Chlorine must therefore be offered for transport and transported under UN1017, CHLORINE.

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping or Technical Name	Appellation réglementaire ou technique	Primary Class	UN Number	Marine Pollutant
CHLORINE	CHLORE	2.3	UN1017	P

**Example 2 : Cymol**

Cymol is a synonym for cymene. Schedule 1 lists “CYMENES” as the shipping name, which includes the three isomers (ortho, meta and para) for cymene. Cymol must therefore be offered for transport and transported under UN2046, CYMENES, if it meets the criteria for inclusion in Class 3, Flammable Liquids.

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping or Technical Name	Appellation réglementaire ou technique	Primary Class	UN Number	Marine Pollutant
Cymol	Cymol	3	See UN2046	P

**Example 3 : Aldrin**

Aldrin is a generic name for 1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-dimethanonaphthalene. Col. 1A shows that Aldrin must be offered for transport and transported under the shipping name ORGANOCHLORINE PESTICIDE. Schedule 1 lists three possible UN Numbers for ORGANOCHLORINE PESTICIDE, depending on its properties: UN2762, UN2995 or UN2996.

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping or Technical Name	Appellation réglementaire ou technique	Primary Class	UN Number	Marine Pollutant
Aldrin, see ORGANOCHLORINE PESTICIDE	Aldrine, voir PESTICIDES ORGANOCHLORÉS	-	-	-

**Example 4 : Copper Metal Powder**

Copper Metal Powder is an example of dangerous goods that are identified only in this Schedule. Col. 3 shows “see Note 1” for this substance, which means that the substance must be assigned to Classes 1 to 8, if applicable, or to Class 9.

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping or Technical Name	Appellation réglementaire ou technique	Primary Class	UN Number	Marine Pollutant
Copper metal powder	Poudre métallique de cuivre	-	See Note 1	P

### Schedule 3

#### Alphabetical Index

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
Accumulators, electric	Accumulateurs électriques	4.3 8 8 8 8	See UN3292 See UN2794 See UN2795 See UN2800 See UN3028	
ACETAL	ACÉTAL	3	UN1088	
ACETALDEHYDE	ACÉTALDÉHYDE	3	UN1089	
ACETALDEHYDE AMMONIA	ALDÉHYDATE D'AMMONIAQUE	9	UN1841	
ACETALDEHYDE OXIME	ACÉTALDOXIME	3	UN2332	
ACETIC ACID, GLACIAL	ACIDE ACÉTIQUE GLACIAL	8	UN2789	
ACETIC ACID SOLUTION, more than 10% and less than 50% acid, by mass	ACIDE ACÉTIQUE EN SOLUTION contenant plus de 10 % et moins de 50 % (masse) d'acide	8	UN2790	
ACETIC ACID SOLUTION, not less than 50% but not more than 80% acid, by mass	ACIDE ACÉTIQUE EN SOLUTION contenant au moins 50 % mais au maximum 80 % (masse) d'acide	8	UN2790	
ACETIC ACID SOLUTION, more than 80% acid, by mass	ACIDE ACÉTIQUE EN SOLUTION contenant plus de 80 % (masse) d'acide	8	UN2789	
Acetic aldehyde	Aldéhyde acétique	3	See UN1089	
ACETIC ANHYDRIDE	ANHYDRIDE ACÉTIQUE	8	UN1715	
Acetoin	Acétoïne	3	See UN2621	
ACETONE	ACÉTONE	3	UN1090	
ACETONE CYANOHYDRIN, STABILIZED	CYANHYDRINE D'ACÉTONE STABILISÉE	6.1	UN1541	P
ACETONE OILS	HUILES D'ACÉTONE	3	UN1091	
ACETONITRILE	ACÉTONITRILE	3	UN1648	
ACETYL ACETONE PEROXIDE with more than 9% by mass active oxygen	PEROXYDE D'ACÉTYLACÉTONE contenant plus 9 % par masse d'oxygène actif	Forbidden		
ACETYL BENZOYL PEROXIDE, SOLID	PÉROXYDE D'ACÉTYLE ET DE BENZOYLE SOLIDE	Forbidden		
ACETYL BROMIDE	BROMURE D'ACÉTYLE	8	UN1716	
ACETYL CHLORIDE	CHLORURE D'ACÉTYLE	3	UN1717	
ACETYL CYCLOHEXANESULFONYL PEROXIDE, with more than 82% wetted with less than 12% water	PEROXYDE D'ACÉTYLCYCLOHEXANESULFONYLE avec plus de 82 % humidifié avec moins de 12 % d'eau	Forbidden		
ACETYL CYCLOHEXANESULPHONYL PEROXIDE, with more than 82% wetted with less than 12% water	PEROXYDE D'ACÉTYLCYCLOHEXANESULFONYLE avec plus de 82 % humidifié avec moins de 12 % d'eau	Forbidden		
ACETYLENE, DISSOLVED	ACÉTYLÈNE DISSOUS	2.1	UN1001	
ACETYLENE, LIQUEFIED	ACÉTYLÈNE LIQUÉFIÉ	Forbidden		
ACETYLENE, SOLVENT FREE	ACÉTYLÈNE SANS SOLVANT	Forbidden	UN3374	
ACETYLENE SILVER NITRATE	NITRATE D'ARGENT ACÉTYLÉNIQUE	Forbidden		
Acetylene tetrabromide	Tétrabromure d'acétylène	6.1	See UN2504	P
Acetylene tetrachloride	Tétrachlorure d'acétylène	6.1	See UN2504	P
ACETYL IODIDE	IODURE D'ACÉTYLE	8	UN1898	
ACETYL METHYL CARBINOL	ACÉTYLMÉTHYLCARBINOL	3	UN2621	
ACETYL PEROXIDE, SOLID, or with more than 25% in solution	PEROXYDE D'ACÉTYLE, SOLIDE, ou avec plus de 25 % en solution	Forbidden		
Acid butyl phosphate	PHOSPHATE ACIDE DE BUTYLE	8	See UN1718	
Acid mixture, hydrofluoric and sulfuric	Acide sulfurique et acide fluorhydrique en mélange	8	See UN1786	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
Acid mixture, hydrofluoric and sulphuric	Acide sulfurique et acide fluorhydrique en mélange	8	See UN1786	
Acid mixture, nitrating acid	ACIDE SULFONITRIQUE	8	See UN1796	
Acid mixture, spent, nitrating acid	ACIDE SULFONITRIQUE RÉSIDUAIRE	8	See UN1826	
Acraldehyde, stabilized	Acrylaldéhyde, stabilisée	6.1	See UN1092	P
ACRIDINE	ACRIDINE	6.1	UN2713	
Acroleic acid, stabilized	Acide acroléique stabilisé	8	See UN2218	P
ACROLEIN DIMER, STABILIZED	ACROLÉINE, DIMÈRE STABILISÉ	3	UN2607	
ACROLEIN, STABILIZED	ACROLÉINE STABILISÉE	6.1	UN1092	P
ACRYLAMIDE, SOLID	ACRYLAMIDE SOLIDE	6.1	UN2074	
ACRYLAMIDE SOLUTION	ACRYLAMIDE EN SOLUTION	6.1	UN3426	
ACRYLIC ACID, STABILIZED	ACIDE ACRYLIQUE STABILISÉ	8	UN2218	
Acrylic aldehyde, stabilized	Aldéhyde acrylique stabilisé; ou Aldéhyde allylique stabilisé	6.1	See UN1092	P
ACRYLONITRILE, STABILIZED	ACRYLONITRILE STABILISÉ	3	UN1093	
Actinolite	Actinolite	9	See UN2590	
Activated carbon	CHARBON ACTIF	4.2	See UN1362	
Activated charcoal	CHARBON ACTIF	4.2	See UN1362	
ADHESIVES containing flammable liquid	ADHÉSIFS contenant un liquide inflammable	3	UN1133	
ADIPONITRILE	ADIPONITRILE	6.1	UN2205	
ADSORBED GAS, N.O.S.	GAZ ADSORBÉ, N.S.A.	2.2	UN3511	
ADSORBED GAS, FLAMMABLE, N.O.S.	GAZ ADSORBÉ INFLAMMABLE, N.S.A.	2.1	UN3510	
ADSORBED GAS, OXIDIZING, N.O.S.	GAZ ADSORBÉ COMBURANT, N.S.A.	2.2	UN3513	
ADSORBED GAS, TOXIC, N.O.S.	GAZ ADSORBÉ TOXIQUE, N.S.A.	2.3	UN3512	
ADSORBED GAS, TOXIC, CORROSIVE, N.O.S.	GAZ ADSORBÉ TOXIQUE, CORROSIF, N.S.A.	2.3	UN3516	
ADSORBED GAS, TOXIC, FLAMMABLE, N.O.S.	GAZ ADSORBÉ TOXIQUE, INFLAMMABLE, N.S.A.	2.3	UN3514	
ADSORBED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	GAZ ADSORBÉ TOXIQUE, INFLAMMABLE, CORROSIF, N.S.A.	2.3	UN3517	
ADSORBED GAS, TOXIC, OXIDIZING, N.O.S.	GAZ ADSORBÉ TOXIQUE, COMBURANT, N.S.A.	2.3	UN3515	
ADSORBED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	GAZ ADSORBÉ TOXIQUE, COMBURANT, CORROSIF, N.S.A.	2.3	UN3518	
Aeroplane flares	DISPOSITIFS ÉCLAIRANTS AÉRIENS	1.1G 1.2G 1.3G 1.4G 1.4S	See UN0420 See UN0421 See UN0093 See UN0403 See UN0404	
AEROSOLS, containing a toxic gas in class 2.3	AÉROSOLES, contenant un gaz toxique de classe 2.3	Forbidden		
AEROSOLS, containing compressed oxygen	AÉROSOLES, contenant de l'oxygène comprimé	2.2	UN1950	
AEROSOLS, containing substances in class 6.1, packing group I	AÉROSOLES, contenant une substance de classe 6.1, groupe d'emballage I	Forbidden		
AEROSOLS, containing substances in class 8, packing group I	AÉROSOLES, contenant une substance de classe 8, groupe d'emballage I	Forbidden		
AEROSOLS, flammable	AÉROSOLES, inflammables	2.1	UN1950	
AEROSOLS, flammable, containing substances in Class 6.1, packing group II	AÉROSOLES, inflammables contenant des matières de la classe 6.1, groupe d'emballage II	2.1	UN1950	
AEROSOLS, flammable, containing substances in Class 6.1, packing group III	AÉROSOLES, inflammables contenant des matières de la classe 6.1, groupe d'emballage III	2.1	UN1950	
AEROSOLS, flammable, containing substances in Class 6.1, packing group III and in Class 8, packing group II	AÉROSOLES, inflammables contenant des matières de la classe 6.1, groupe d'emballage III et des matières de la classe 8, groupe d'emballage II	2.1	UN1950	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
AEROSOLS, flammable, containing substances in Class 6.1, packing group III and in Class 8, packing group III	AÉROSOLS, inflammables contenant des matières de la classe 6.1, groupe d'emballage III et des matières de la classe 8, groupe d'emballage III	2.1	UN1950	
AEROSOLS, flammable, containing substances in Class 8, packing group II	AÉROSOLS, inflammables contenant des matières de la classe 8, groupe d'emballage II	2.1	UN1950	
AEROSOLS, flammable, containing substances in Class 8, packing group III	AÉROSOLS, inflammables contenant des matières de la classe 8, groupe d'emballage III	2.1	UN1950	
AEROSOLS, non-flammable	AÉROSOLS, non inflammables	2.2	UN1950	
AEROSOLS, non-flammable, containing substances in Class 6.1, packing group II	AÉROSOLS, non inflammables contenant des matières de la classe 6.1, groupe d'emballage II	2.2	UN1950	
AEROSOLS, non-flammable, containing substances in Class 6.1, packing group III	AÉROSOLS, non inflammables contenant des matières de la classe 6.1, groupe d'emballage III	2.2	UN1950	
AEROSOLS, non-flammable, containing substances in Class 6.1, packing group III and in Class 8, packing group II	AÉROSOLS, non inflammables contenant des matières de la classe 6.1, groupe d'emballage III et des matières de la classe 8, groupe d'emballage II	2.2	UN1950	
AEROSOLS, non-flammable, containing substances in Class 6.1, packing group III and in Class 8, packing group III	AÉROSOLS, non inflammables contenant des matières de la classe 6.1, groupe d'emballage III et des matières de la classe 8, groupe d'emballage III	2.2	UN1950	
AEROSOLS, non-flammable, containing substances in Class 8, packing group II	AÉROSOLS, non inflammables contenant des matières de la classe 8, groupe d'emballage II	2.2	UN1950	
AEROSOLS, non-flammable, containing substances in Class 8, packing group III	AÉROSOLS, non inflammables contenant des matières de la classe 8, groupe d'emballage III	2.2	UN1950	
AGENT, BLASTING, TYPE B	EXPLOSIFS DE MINE (DE SAUTAGE) DU TYPE B	1.5D	UN0331	
AGENT, BLASTING, TYPE E	EXPLOSIFS DE MINE (DE SAUTAGE) DU TYPE E	1.5D	UN0332	
Air bag inflators	Générateurs de gaz pour sac gonflable	1.4G 9	See UN0503 See UN3268	
Air bag modules	Modules de sac gonflable	1.4G 9	See UN0503 See UN3268	
AIR, COMPRESSED, with not more than 23.5% oxygen, by volume	AIR COMPRIMÉ, contenant au plus 23,5 % d'oxygène, par volume	2.2	UN1002	
Aircraft evacuation slides	Glissières d'évacuation d'aéronef	9	See UN2990	
AIRCRAFT HYDRAULIC POWER UNIT FUEL TANK containing a mixture of anhydrous hydrazine and methylhydrazine (M86 fuel)	RÉSERVOIR DE CARBURANT POUR MOTEUR DE CIRCUIT HYDRAULIQUE D'AÉRONEF contenant un mélange d'hydrazine anhydre et de monométhylhydrazine (carburant M86)	3	UN3165	
Aircraft survival kits	Trousse de survie d'aéronef	9	See UN2990	
AIR, REFRIGERATED LIQUID	AIR LIQUIDE RÉFRIGÉRÉ	2.2	UN1003	
ALCOHOLS, N.O.S.	ALCOOLS, N.S.A.	3	UN1987	
Alcohol, denatured	Alcool dénaturé	3	See UN1986 See UN1987	
Alcohol C <sub>12</sub> -C <sub>16</sub> poly(1-6)ethoxylate	Alcool C <sub>12</sub> -C <sub>16</sub> poly(1-6)éthoxylé	3	See UN3082	P
Alcohol C <sub>6</sub> -C <sub>17</sub> secondary poly(3-6)ethoxylate	Alcool C <sub>6</sub> -C <sub>17</sub> (secondaire) poly(3-6)éthoxylé	3	See UN3082	P
ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	ALCOOLS INFLAMMABLES, TOXIQUES, N.S.A.	3	UN1986	
Alcohol, industrial	Alcool industriel	3	See UN1986 See UN1987	
ALCOHOLATES SOLUTION, N.O.S., in alcohol	ALCOOLATES EN SOLUTION dans l'alcool, N.S.A.	3	UN3274	
ALCOHOLIC BEVERAGES, with more than 24% but not more than 70% alcohol, by volume	BOISSONS ALCOOLISÉES contenant entre 24 % et 70 % d'alcool en volume	3	UN3065	
ALCOHOLIC BEVERAGES, with more than 70% alcohol, by volume	BOISSONS ALCOOLISÉES contenant plus de 70 % d'alcool en volume	3	UN3065	
ALDEHYDES, N.O.S.	ALDÉHYDES, N.S.A.	3	UN1989	
ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	ALDÉHYDES INFLAMMABLES, TOXIQUES, N.S.A.	3	UN1988	
Aldicarb (see CARBAMATE PESTICIDE)	Aldicarbe (voir CARBAMATE PESTICIDE)			P
ALDOL	ALDOL	6.1	UN2839	
Aldrin (see ORGANOCHLORINE PESTICIDE)	Aldrine (voir PESTICIDE ORGANOCHLORÉ)			P

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	ALCOOLOATES DE MÉTAUX ALCALINS AUTO-ÉCHAUFFANTS, CORROSIFS, N.S.A.	4.2	UN3206	
ALKALI METAL ALLOY, LIQUID, N.O.S.	ALLIAGE LIQUIDE DE MÉTAUX ALCALINS, N.S.A.	4.3	UN1421	
ALKALI METAL AMALGAM, LIQUID	AMALGAME DE MÉTAUX ALCALINS, LIQUIDE	4.3	UN1389	
ALKALI METAL AMALGAM, SOLID	AMALGAME DE MÉTAUX ALCALINS, SOLIDE	4.3	UN3401	
ALKALI METAL AMIDES	AMIDURES DE MÉTAUX ALCALINS	4.3	UN1390	
ALKALI METAL DISPERSION	DISPERSION DE MÉTAUX ALCALINS	4.3	UN1391	
ALKALI METAL DISPERSION, FLAMMABLE	DISPERSION DE MÉTAUX ALCALINS, INFLAMMABLE	4.3	UN3482	
Alkaline corrosive battery fluid	ÉLECTROLYTE ALCALIN POUR ACCUMULATEURS	8	See UN2797	
ALKALINE EARTH METAL ALCOHOLATES, N.O.S.	ALCOOLOATES DE MÉTAUX ALCALINO-TERRÉUX, N.S.A.	4.2	UN3205	
ALKALINE EARTH METAL ALLOY, N.O.S.	ALLIAGE DE MÉTAUX ALCALINO-TERRÉUX, N.S.A.	4.3	UN1393	
ALKALINE EARTH METAL AMALGAM, LIQUID	AMALGAME DE MÉTAUX ALCALINO-TERRÉUX, LIQUIDE	4.3	UN1392	
ALKALINE EARTH METAL AMALGAM, SOLID	AMALGAME DE MÉTAUX ALCALINO-TERRÉUX, SOLIDE	4.3	UN3402	
ALKALINE EARTH METAL DISPERSION	DISPERSION DE MÉTAUX ALCALINO-TERRÉUX	4.3	UN1391	
ALKALINE EARTH METAL DISPERSION, FLAMMABLE	DISPERSION DE MÉTAUX ALCALINO-TERRÉUX, INFLAMMABLE	4.3	UN3482	
ALKALOIDS, LIQUID, N.O.S.	ALCALOÏDES LIQUIDES, N.S.A.	6.1	UN3140	
ALKALOIDS, SOLID, N.O.S.	ALCALOÏDES SOLIDES, N.S.A.	6.1	UN1544	
ALKALOID SALTS, LIQUID, N.O.S.	SELS D'ALCALOÏDES LIQUIDES, N.S.A.	6.1	UN3140	
ALKALOID SALTS, SOLID, N.O.S.	SELS D'ALCALOÏDES SOLIDES, N.S.A.	6.1	UN1544	
Alkyl aluminium halides, liquid	Halogénures d'alkylaluminium liquides	4.2	See UN3394	
Alkyl aluminium halides, solid	Halogénures d'alkylaluminium solides	4.2	See UN3393	
Alkylbenzenesulfonates, branched and straight chain (excluding C <sub>11</sub> -C <sub>13</sub> branched and straight chain homologues)	Alkylbenzènesulfonates, chaîne ramifiée et chaîne droite (à l'exception des homologues C <sub>11</sub> -C <sub>13</sub> à chaîne droite et ramifiée)	9	See UN3082	P
Alkylbenzenesulphonates, branched and straight chain (excluding C <sub>11</sub> -C <sub>13</sub> branched and straight chain homologues)	Alkylbenzènesulfonates, chaîne ramifiée et chaîne droite (à l'exception des homologues C <sub>11</sub> -C <sub>13</sub> à chaîne droite et ramifiée)	9	See UN3082	P
Alkyl(C <sub>12</sub> -C <sub>14</sub> )dimethylamine	Alkyl (C <sub>12</sub> -C <sub>14</sub> ) diméthylamine		See Note 1	P
Alkyl(C <sub>7</sub> -C <sub>9</sub> ) nitrates	Alkyl (C <sub>7</sub> -C <sub>9</sub> ) nitrates		See Note 1	P
ALKYLPHENOLS, LIQUID, N.O.S. (including C <sub>2</sub> -C <sub>12</sub> homologues)	ALKYLPHÉNOLS LIQUIDES, N.S.A. (y compris les homologues C <sub>2</sub> à C <sub>12</sub> )	8	UN3145	
ALKYLPHENOLS, SOLID, N.O.S. (including C <sub>2</sub> -C <sub>12</sub> homologues)	ALKYLPHÉNOLS SOLIDES, N.S.A. (y compris les homologues C <sub>2</sub> à C <sub>12</sub> )	8	UN2430	
ALKYLSULFONIC ACIDS, LIQUID with more than 5% free sulfuric acid	ACIDES ALKYLSULFONIQUES LIQUIDES contenant plus de 5 % d'acide sulfurique libre	8	UN2584	
ALKYLSULFONIC ACIDS, LIQUID with not more than 5% free sulfuric acid	ACIDES ALKYLSULFONIQUES LIQUIDES contenant au plus 5 % d'acide sulfurique libre	8	UN2586	
ALKYLSULFONIC ACIDS, SOLID with more than 5% free sulfuric acid	ACIDES ALKYLSULFONIQUES SOLIDES contenant plus de 5 % d'acide sulfurique libre	8	UN2583	
ALKYLSULFONIC ACIDS, SOLID with not more than 5% free sulfuric acid	ACIDES ALKYLSULFONIQUES SOLIDES contenant au plus 5 % d'acide sulfurique libre	8	UN2585	
ALKYLSULFURIC ACIDS	ACIDES ALKYL-SULFURIQUES	8	UN2571	
ALKYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid	ACIDES ALKYL-SULFONIQUES LIQUIDES contenant plus de 5 % d'acide sulfurique libre	8	UN2584	
ALKYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid	ACIDES ALKYL-SULFONIQUES LIQUIDES contenant au plus 5 % d'acide sulfurique libre	8	UN2586	
ALKYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid	ACIDES ALKYL-SULFONIQUES SOLIDES contenant plus de 5 % d'acide sulfurique libre	8	UN2583	
ALKYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	ACIDES ALKYL-SULFONIQUES SOLIDES contenant au plus 5 % d'acide sulfurique libre	8	UN2585	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
ALKYLSULPHURIC ACIDS	ACIDES ALKYLSULFURIQUES	8	UN2571	
Allene	Allène	2.1	See UN2200	
ALLYL ACETATE	ACÉTATE D'ALLYLE	3	UN2333	
ALLYL ALCOHOL	ALCOOL ALLYLIQUE	6.1	UN1098	P
ALLYLAMINE	ALLYLAMINE	6.1	UN2334	
ALLYL BROMIDE	BROMURE D'ALLYLE	3	UN1099	P
ALLYL CHLORIDE	CHLORURE D'ALLYLE	3	UN1100	
Allyl chlorocarbonate	Chlorocarbonate d'allyle	6.1	See UN1722	
ALLYL CHLOROFORMATE	CHLOROFORMIATE D'ALLYLE	6.1	UN1722	
ALLYL ETHYL ETHER	ÉTHER ALLYLÉTHYLIQUE	3	UN2335	
ALLYL FORMATE	FORMIATE D'ALLYLE	3	UN2336	
ALLYL GLYCIDYL ETHER	ÉTHER ALLYLGlyCIDIQUE	3	UN2219	
ALLYL IODIDE	IODURE D'ALLYLE	3	UN1723	
ALLYL ISOTHIOCYANATE, STABILIZED	ISOTHIOCYANATE D'ALLYLE STABILISÉ	6.1	UN1545	
1-Allyloxy-2,3-epoxypropane	Allyloxy-1 époxylé-2,3 propane	3	See UN2219	
ALLYLTRICHLOROSILANE, STABILIZED	ALLYLTRICHLOROSILANE STABILISÉ	8	UN1724	
Aluminum alkyls	Alkylaluminums	4.2	See UN3394	
Aluminum alkyl halides, liquid	Halogénures d'alkylaluminium liquides	4.2	See UN3394	
Aluminum alkyl halides, solid	Halogénures d'alkylaluminium solides	4.2	See UN3393	
Aluminum alkyl hydrides	Hydrides d'alkylaluminium	4.2	See UN3394	
ALUMINUM BOROHYDRIDE	BOROHYDRURE D'ALUMINIUM	4.2	UN2870	
ALUMINUM BOROHYDRIDE IN DEVICES	BOROHYDRURE D'ALUMINIUM CONTENU DANS DES ENGINS	4.2	UN2870	
ALUMINUM BROMIDE, ANHYDROUS	BROMURE D'ALUMINIUM ANHYDRE	8	UN1725	
ALUMINUM BROMIDE SOLUTION	BROMURE D'ALUMINIUM EN SOLUTION	8	UN2580	
ALUMINUM CARBIDE	CARBURE D'ALUMINIUM	4.3	UN1394	
ALUMINUM CHLORIDE, ANHYDROUS	CHLORURE D'ALUMINIUM ANHYDRE	8	UN1726	
ALUMINUM CHLORIDE SOLUTION	CHLORURE D'ALUMINIUM EN SOLUTION	8	UN2581	
Aluminum dross	Crasses d'aluminium	4.3	See UN3170	
ALUMINUM DROSS, HOT	CRASSES D'ALUMINIUM, CHAUDES	Forbidden		
ALUMINUM FERROSILICON POWDER	ALUMINO-FERRO-SILICIUM EN POUDRE	4.3	UN1395	
ALUMINUM HYDRIDE	HYDRURE D'ALUMINIUM	4.3	UN2463	
ALUMINUM NITRATE	NITRATE D'ALUMINIUM	5.1	UN1438	
ALUMINUM PHOSPHIDE	PHOSPHURE D'ALUMINIUM	4.3	UN1397	
ALUMINUM PHOSPHIDE PESTICIDE	PESTICIDE AU PHOSPHURE D'ALUMINIUM	6.1	UN3048	
ALUMINUM POWDER, COATED	ALUMINIUM EN POUDRE ENROBÉ	4.1	UN1309	
ALUMINUM POWDER, UNCOATED	ALUMINIUM EN POUDRE NON ENROBÉ	4.3	UN1396	
ALUMINUM REMELTING BY-PRODUCTS including, but not limited to, aluminum dross, aluminum skimmings, spent cathodes, spent potliner and aluminum salt slags	SOUS-PRODUITS DE LA REFUSION DE L'ALUMINIUM y compris les crasses d'aluminium, le laitier d'aluminium, les cathodes usées, le revêtement usé des cuves et les scories salines d'aluminium	4.3	UN3170	
ALUMINUM RESINATE	RÉSINATE D'ALUMINIUM	4.1	UN2715	
ALUMINUM SILICON POWDER, UNCOATED	SILICO-ALUMINIUM EN POUDRE NON ENROBÉ	4.3	UN1398	
ALUMINUM SMELTING BY-PRODUCTS including, but not limited to, aluminum dross, aluminum skimmings, spent cathodes, spent potliner and aluminum salt slags	SOUS-PRODUITS DE LA FABRICATION DE L'ALUMINIUM y compris les crasses d'aluminium, le laitier d'aluminium, les cathodes usées, le revêtement usé des cuves et les scories salines d'aluminium	4.3	UN3170	
Amatols	Amatols	1.1D	See UN0082	
AMINES, FLAMMABLE, CORROSIVE, N.O.S.	AMINES INFLAMMABLES, CORROSIVES, N.S.A.	3	UN2733	
AMINES, LIQUID, CORROSIVE, N.O.S.	AMINES LIQUIDES CORROSIVES, N.S.A.	8	UN2735	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	AMINES LIQUIDES CORROSIVES, INFLAMMABLES, N.S.A.	8	UN2734	
AMINES, SOLID, CORROSIVE, N.O.S.	AMINES SOLIDES CORROSIVES, N.S.A.	8	UN3259	
Aminobenzene	Aminobenzène	6.1	See UN1547	P
2-Aminobenzotrifluoride	Fluorure d'amino-2 benzylidyne	6.1	See UN2942	
3-Aminobenzotrifluoride	Fluorure d'amino-3 benzylidyne	6.1	See UN2948	
Aminobutane	Aminobutane	3	See UN1125	
Aminocarb (see CARBAMATE PESTICIDE)	Aminocarbe (voir CARBAMATE PESTICIDE)			P
2-AMINO-4-CHLOROPHENOL	AMINO-2 CHLORO-4 PHÉNOL	6.1	UN2673	
2-AMINO-5-DIETHYLAMINOPENTANE	AMINO-2 DIÉTHYLAMINO-5 PENTANE	6.1	UN2946	
2-AMINO-4,6-DINITROPHENOL, WETTED with not less than 20% water, by mass	2-AMINO-4,6-DINITROPHÉNOL, HUMIDIFIÉ avec au moins 20 % (masse) d'eau	4.1	UN3317	
2-(2-AMINOETHOXY)ETHANOL	(AMINO-2-ÉTHOXY)-2 ÉTHANOL	8	UN3055	
N-AMINOETHYLPiperazine	N-AMINOÉTHYLPIPÉRAZINE	8	UN2815	
1-Amino-2-nitrobenzene	Amino-1-nitro-2 benzène	6.1	See UN1661	
1-Amino-3-nitrobenzene	Amino-1-nitro-3 benzène	6.1	See UN1661	
1-Amino-4-nitrobenzene	Amino-1-nitro-4 benzène	6.1	See UN1661	
AMINOPHENOLS ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	AMINOPHÉNOLS ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	6.1	UN2512	
AMINOPYRIDINES ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	AMINOPYRIDINES ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	6.1	UN2671	
AMMONIA, ANHYDROUS	AMMONIAC ANHYDRE	2.3	UN1005	P
AMMONIA SOLUTION, relative density between 0.880 and 0.957 at 15 °C in water, with more than 10% but not more than 35% ammonia	AMMONIAC EN SOLUTION aqueuse de densité comprise entre 0,880 et 0,957 à 15 °C contenant plus de 10 % mais au maximum 35 % d'ammoniac	8	UN2672	P
AMMONIA SOLUTION, relative density less than 0.880 at 15 °C in water, with more than 35% but not more than 50% ammonia	AMMONIAC EN SOLUTION aqueuse de densité inférieure à 0,880 à 15 °C contenant plus de 35 % mais au maximum 50 % d'ammoniac	2.2	UN2073	P
AMMONIA SOLUTION, relative density less than 0.880 at 15 °C in water, with more than 50% ammonia	AMMONIAC EN SOLUTION aqueuse de densité inférieure à 0,880 à 15 °C contenant plus de 50 % d'ammoniac	2.3	UN3318	P
AMMONIUM ARSENATE	ARSÉNIATE D'AMMONIUM	6.1	UN1546	
Ammonium bichromate	DICHROMATE D'AMMONIUM	5.1	See UN1439	
Ammonium bifluoride, solid	Bifluorure d'ammonium, solide	8	See UN1727	
Ammonium bifluoride, solution	Bifluorure d'ammonium en solution	8	See UN2817	
Ammonium bisulfate	Bisulfate d'ammonium	8	See UN2506	
Ammonium bisulfite solution	Bisulfite d'ammonium en solution	8	See UN2693	
Ammonium bisulphate	Bisulfate d'ammonium	8	See UN2506	
Ammonium bisuphite solution	Bisulfite d'ammonium en solution	8	See UN2693	
AMMONIUM AZIDE	AZOTURE D'AMMONIUM	Forbidden		
AMMONIUM BROMATE	BROMATE D'AMMONIUM	Forbidden		
AMMONIUM CHLORATE	CHLORATE D'AMMONIUM	Forbidden		
AMMONIUM DICHROMATE	DICHROMATE D'AMMONIUM	5.1	UN1439	
AMMONIUM DINITRO- <i>o</i> -CRESOLATE, SOLID	DINITRO- <i>o</i> -CRÉSATE D'AMMONIUM, SOLIDE	6.1	UN1843	P
AMMONIUM DINITRO- <i>o</i> -CRESOLATE, SOLUTION	DINITRO- <i>o</i> -CRÉSATE D'AMMONIUM EN SOLUTION	6.1	UN3424	P
AMMONIUM FLUORIDE	FLUORURE D'AMMONIUM	6.1	UN2505	
AMMONIUM FLUOROSILICATE	FLUOROSILICATE D'AMMONIUM	6.1	UN2854	
AMMONIUM FULMINATE	FULMINATE D'AMMONIUM	Forbidden		
Ammonium hexafluorosilicate	Hexafluorosilicate d'ammonium	6.1	See UN2854	
AMMONIUM HYDROGENDIFLUORIDE, SOLID	HYDROGÉNODIFLUORURE D'AMMONIUM SOLIDE	8	UN1727	
AMMONIUM HYDROGENDIFLUORIDE SOLUTION	DIFLUORURE ACIDE D'AMMONIUM EN SOLUTION	8	UN2817	
AMMONIUM HYDROGEN SULFATE	HYDROGÉNOSULFATE D'AMMONIUM	8	UN2506	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
AMMONIUM HYDROGEN SULPHATE	HYDROGÉNOSULFATE D'AMMONIUM	8	UN2506	
Ammonium hydrosulfide solution (treat as ammonium sulfide solution)	Hydrosulfure d'ammonium en solution	8	See UN2683	
Ammonium hydrosulphide solution (treat as ammonium sulphide solution)	Hydrosulfure d'ammonium en solution	8	See UN2683	
AMMONIUM METAVANADATE	MÉTAVANADATE D'AMMONIUM	6.1	UN2859	
AMMONIUM NITRATE	NITRATE D'AMMONIUM	1.1D	UN0222	
AMMONIUM NITRATE with not more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	NITRATE D'AMMONIUM contenant au plus 0,2 % de matières combustibles, y compris les matières organiques exprimées en équivalent carbone, à l'exclusion de toute autre matière	5.1	UN1942	
AMMONIUM NITRATE BASED FERTILIZER	ENGRAIS AU NITRATE D'AMMONIUM	5.1 9	UN2067 UN2071	
AMMONIUM NITRATE EMULSION, intermediate for blasting explosives	NITRATE D'AMMONIUM EN ÉMULSION, servant à la fabrication d'explosifs de mine	Forbidden	UN3375	
Ammonium nitrate explosive	Nitrate d'ammonium, explosif au	1.1D 1.5D	See UN0082 See UN0331	
AMMONIUM NITRATE GEL, intermediate for blasting explosives	NITRATE D'AMMONIUM EN GEL, servant à la fabrication d'explosifs de mine	Forbidden	UN3375	
AMMONIUM NITRATE, LIQUID (hot concentrated solution), with not more than 0.2% combustible material, in a concentration exceeding 80%	NITRATE D'AMMONIUM LIQUIDE (solution chaude concentrée) contenant au plus 0,2 % de matières combustibles et dont la concentration est supérieure à 80 %	5.1	UN2426	
AMMONIUM NITRATE SUSPENSION, intermediate for blasting explosives	NITRATE D'AMMONIUM EN SUSPENSION, servant à la fabrication d'explosifs de mine	Forbidden	UN3375	
AMMONIUM NITRITE	NITRITE D'AMMONIUM	Forbidden		
AMMONIUM NITRITES and mixtures of an inorganic nitrite with an ammonium salt	NITRITES D'AMMONIUM et mélanges d'un nitrite inorganique et d'un sel d'ammonium	Forbidden		
AMMONIUM PERCHLORATE	PERCHLORATE D'AMMONIUM	1.1D 5.1	UN0402 UN1442	
AMMONIUM PERMANGANATE	PERMANGANATE D'AMMONIUM	Forbidden		
AMMONIUM PERSULFATE	PERSULFATE D'AMMONIUM	5.1	UN1444	
AMMONIUM PERSULPHATE	PERSULFATE D'AMMONIUM	5.1	UN1444	
AMMONIUM PICRATE dry or wetted with less than 10% water, by mass	PICRATE D'AMMONIUM sec ou humidifié avec moins de 10 % (masse) d'eau	1.1D	UN0004	
AMMONIUM PICRATE, WETTED with not less than 10% water, by mass	PICRATE D'AMMONIUM HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN1310	
AMMONIUM POLYSULFIDE SOLUTION	POLYSULFURE D'AMMONIUM EN SOLUTION	8	UN2818	
AMMONIUM POLYSULPHIDE SOLUTION	POLYSULFURE D'AMMONIUM EN SOLUTION	8	UN2818	
AMMONIUM POLYVANADATE	POLYVANADATE D'AMMONIUM	6.1	UN2861	
Ammonium silicofluoride	Fluosilicate d'ammonium	6.1	See UN2854	
AMMONIUM SULFIDE SOLUTION	SULFURE D'AMMONIUM EN SOLUTION	8	UN2683	
AMMONIUM SULPHIDE SOLUTION	SULFURE D'AMMONIUM EN SOLUTION	8	UN2683	
Ammunition, blank	Munitions à blanc	1.1C 1.2C 1.3C 1.4C 1.5C	See UN0326 See UN0413 See UN0327 See UN0338 See UN0014	
Ammunition, fixed Ammunition, semi-fixed Ammunition, separate loading	Munitions encartouchées Munitions semi-encartouchées Munitions à charge séparée	1.1E 1.1F 1.2E 1.2F 1.4E 1.4F	See UN0006 See UN0005 See UN0321 See UN0007 See UN0412 See UN0348	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	MUNITIONS ÉCLAIRANTES avec ou sans charge de dispersion, charge d'expulsion ou charge propulsive	1.2G 1.3G 1.4G	UN0171 UN0254 UN0297	
AMMUNITION, INCENDIARY, liquid or gel, with burster, expelling charge or propelling charge	MUNITIONS INCENDIAIRES à liquide ou à gel avec charge de dispersion, charge d'expulsion ou charge propulsive	1.3J	UN0247	
AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	MUNITIONS INCENDIAIRES avec ou sans charge de dispersion, charge d'expulsion ou charge propulsive	1.2G 1.3G 1.4G	UN0009 UN0010 UN0300	
Ammunition, incendiary (water-activated contrivances) with burster, expelling charge or propelling charge	Munitions incendiaires (engins hydroactifs) avec charge de dispersion, charge d'expulsion ou charge propulsive	1.2L 1.3L	See UN0248 See UN0249	
AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	MUNITIONS INCENDIAIRES AU PHOSPHORE BLANC avec charge de dispersion, charge d'expulsion ou charge propulsive	1.2H 1.3H	UN0243 UN0244	
Ammunition, industrial	Munitions, industrielles	1.2C 1.3C 1.3C 1.4C 1.4C 1.4S	See UN0381 See UN0275 See UN0277 See UN0276 See UN0278 See UN0323	
Ammunition, lachrymatory	MUNITIONS LACRYMOGÈNES	1.2G 1.3G 1.4G 6.1	See UN0018 See UN0019 See UN0301 See UN2017	
AMMUNITION, PRACTICE	MUNITIONS D'EXERCICE	1.3G 1.4G	UN0488 UN0362	
AMMUNITION, PROOF	MUNITIONS POUR ESSAIS	1.4G	UN0363	
AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	MUNITIONS FUMIGÈNES avec ou sans charge de dispersion, charge d'expulsion ou charge propulsive	1.2G 1.3G 1.4G	UN0015 UN0016 UN0303	
Ammunition, smoke (water activated contrivances), white phosphorus with burster, expelling charge or propelling charge	Munitions fumigènes (engins hydroactifs) au phosphore blanc avec charge de dispersion, charge d'expulsion ou charge propulsive	1.2L	See UN0248	
Ammunition, smoke (water activated contrivances), without white phosphorus or phosphides with burster, expelling charge or propelling charge	Munitions fumigènes (engins hydroactifs) sans phosphore blanc ou phosphures avec charge de dispersion, charge d'expulsion ou charge propulsive	1.3L	See UN0249	
AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	MUNITIONS FUMIGÈNES AU PHOSPHORE BLANC avec charge de dispersion, charge d'expulsion ou charge propulsive	1.2H 1.3H	UN0245 UN0246	
Ammunition, sporting	Munitions de sports	1.2C 1.3C 1.4C 1.4S	See UN0328 See UN0417 See UN0339 See UN0012	
AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	MUNITIONS LACRYMOGÈNES avec charge de dispersion, charge d'expulsion ou charge propulsive	1.2G 1.3G 1.4G	UN0018 UN0019 UN0301	
AMMUNITION, TEAR-PRODUCING, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	MUNITIONS LACRYMOGÈNES NON EXPLOSIVES, sans charge de dispersion ni charge d'expulsion, non amorcées	6.1	UN2017	
AMMUNITION, TOXIC with burster, expelling charge or propelling charge	MUNITIONS TOXIQUES avec charge de dispersion, charge d'expulsion ou charge propulsive	1.2K 1.3K	UN0020 UN0021	
Ammunition, toxic (water activated contrivances), with burster, expelling charge or propelling charge	Munitions toxiques (engins hydroactifs) avec charge de dispersion, charge d'expulsion ou charge propulsive	1.2L 1.3L	See UN0248 See UN0249	
AMMUNITION, TOXIC, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	MUNITIONS TOXIQUES NON EXPLOSIVES, sans charge de dispersion ni charge d'expulsion, non amorcées	6.1	UN2016	
Amosite	Amosite	9	See UN2212	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
Amphibole asbestos	AMIANTE AMPHIBOLE (actinolite, amosite, anthophyllite, crocidolite, trémolite) lorsqu'ils ne sont pas fixés dans un liant naturel ou artificiel ou compris dans un produit fabriqué	9	See UN2212	
AMYL ACETATES	ACÉTATES D'AMYLE	3	UN1104	
AMYL ACID PHOSPHATE	PHOSPHATE ACIDE D'AMYLE	8	UN2819	
Amyl aldehyde	VALÉRALDÉHYDE	3	See UN2058	
AMYLAMINE	AMYLAMINES	3	UN1106	
<i>n</i> -Amylbenzene	<i>n</i> -Amylbenzène		See Note 1	P
AMYL BUTYRATES	BUTYRATES D'AMYLE	3	UN2620	
AMYL CHLORIDE	CHLORURE D'AMYLE	3	UN1107	
<i>n</i> -AMYLENE	<i>n</i> -AMYLÈNE	3	UN1108	
AMYL FORMATES	FORMIATES D'AMYLE	3	UN1109	
AMYL MERCAPTAN	MERCAPTAN AMYLIQUE	3	UN1111	
<i>n</i> -AMYL METHYL KETONE	<i>n</i> -AMYLMÉTHYLCÉTONE	3	UN1110	
AMYL NITRATES	NITRATES D'AMYLE	3	UN1112	
AMYL NITRITES	NITRITES D'AMYLE	3	UN1113	
AMYLTRICHLOROSILANE	AMYLTRICHLOROSILANE	8	UN1728	
Anaesthetic ether	Éther anesthésique	3	See UN1155	
ANHYDROUS AMMONIA	AMMONIAC ANHYDRE	2.3	UN1005	
ANILINE	ANILINE	6.1	UN1547	P
Aniline chloride	Chlorure d'aniline	6.1	See UN1548	
ANILINE HYDROCHLORIDE	CHLORHYDRATE D'ANILINE	6.1	UN1548	
Aniline oil	Huile d'aniline	6.1	See UN1547	P
Aniline salt	Sel d'aniline	6.1	See UN1548	
ANISIDINES	ANISIDINES	6.1	UN2431	
ANISOLE	ANISOLE	3	UN2222	
ANISOYL CHLORIDE	CHLORURE D'ANISOYLE	8	UN1729	
Anthophyllite	Anthophyllite	9	See UN2590	
Antimonous chloride	Chlorure antimonieux	8	See UN1733	
ANTIMONY COMPOUND, INORGANIC, LIQUID, N.O.S., except antimony oxides and sulphides containing less than 0.5% arsenic, by mass	COMPOSÉ INORGANIQUE LIQUIDE DE L'ANTIMOINE, N.S.A. à l'exception des sulfures et des oxydes d'antimoine contenant au plus 0.5 % (masse) d'arsenic	6.1	UN3141	
ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S., except antimony oxides and sulphides containing less than 0.5% arsenic, by mass	COMPOSÉ INORGANIQUE SOLIDE DE L'ANTIMOINE, N.S.A. à l'exception des sulfures et des oxydes d'antimoine contenant au plus 0.5 % (masse) d'arsenic	6.1	UN1549	
Antimony hydride	Hydrure d'antimoine	2.3	See UN2676	
ANTIMONY LACTATE	LACTATE D'ANTIMOINE	6.1	UN1550	
Antimony (III) lactate	Lactate (III) d'antimoine	6.1	See UN1550	
ANTIMONY PENTACHLORIDE, LIQUID	PENTACHLORURE D'ANTIMOINE LIQUIDE	8	UN1730	
ANTIMONY PENTACHLORIDE SOLUTION	PENTACHLORURE D'ANTIMOINE EN SOLUTION	8	UN1731	
ANTIMONY PENTAFLUORIDE	PENTAFLUORURE D'ANTIMOINE	8	UN1732	
Antimony perchloride, liquid	Perchlorure d'antimoine, liquide	8	See UN1730	
ANTIMONY POTASSIUM TARTRATE	TARTRATE D'ANTIMOINE ET DE POTASSIUM	6.1	UN1551	
ANTIMONY POWDER	ANTIMOINE EN POUDRE	6.1	UN2871	
ANTIMONY SULFIDE AND A CHLORATE, MIXTURES OF	SULFURE D'ANTIMOINE ET UN CHLORATE, MÉLANGES DE	Forbidden		
ANTIMONY SULPHIDE AND A CHLORATE, MIXTURES OF	SULFURE D'ANTIMOINE ET UN CHLORATE, MÉLANGES DE	Forbidden		
ANTIMONY TRICHLORIDE	TRICHLORURE D'ANTIMOINE	8	UN1733	

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A.n.t.u.	Antu	6.1	See UN1651	
ARGON, COMPRESSED	ARGON COMPRIMÉ	2.2	UN1006	
ARGON, REFRIGERATED LIQUID	ARGON LIQUIDE RÉFRIGÉRÉ	2.2	UN1951	
Arsenates, n.o.s.	Arséniates, n.s.a.	6.1	See UN1556 See UN1557	
ARSENIC	ARSENIC	6.1	UN1558	
ARSENIC ACID, LIQUID	ACIDE ARSÉNIQUE LIQUIDE	6.1	UN1553	
ARSENIC ACID, SOLID	ACIDE ARSÉNIQUE SOLIDE	6.1	UN1554	
ARSENICAL DUST	POUSSIÈRE ARSENICALE	6.1	UN1562	
Arsenical flue dust	POUSSIÈRE ARSENICALE	6.1	See UN1562	
ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	PESTICIDE ARSENICAL LIQUIDE INFLAMMABLE, TOXIQUE, d'un point d'éclair inférieur à 23 °C	3	UN2760	
ARSENICAL PESTICIDE, LIQUID, TOXIC	PESTICIDE ARSENICAL LIQUIDE TOXIQUE	6.1	UN2994	
ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	PESTICIDE ARSENICAL LIQUIDE TOXIQUE, INFLAMMABLE, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN2993	
ARSENICAL PESTICIDE, SOLID, TOXIC	PESTICIDE ARSENICAL SOLIDE TOXIQUE	6.1	UN2759	
Arsenic anhydride	Anhydride arsénique	6.1	See UN1559	
ARSENIC BROMIDE	BROMURE D'ARSENIC	6.1	UN1555	
Arsenic (III) bromide	Bromure d'arsenic (III)	6.1	See UN1555	
Arsenic chloride	Chlorure d'arsenic	6.1	See UN1560	
Arsenic compound, n.o.s., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	Arsenic, composé de l', n.s.a., notamment : Arséniates n.s.a., Arsénites n.s.a. et Sulfures d'arsenic n.s.a.	6.1	See UN1556 See UN1557	
ARSENIC COMPOUND, LIQUID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	COMPOSÉ LIQUIDE DE L'ARSENIC, N.S.A., inorganique, notamment : arseniates, n.s.a., arsenites n.s.a. et sulfures d'arsenic, n.s.a.	6.1	UN1556	
ARSENIC COMPOUND, SOLID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	COMPOSÉ SOLIDE DE L'ARSENIC, N.S.A., inorganique, notamment : arseniates, n.s.a., arsenites n.s.a. et sulfures d'arsenic, n.s.a.	6.1	UN1557	
Arsenic (III) oxide	Oxyde d'arsenic (III)	6.1	See UN1561	
Arsenic (V) oxide	Oxyde d'arsenic (V)	6.1	See UN1559	
ARSENIC PENTOXIDE	PENTOXIDE D'ARSENIC	6.1	UN1559	
Arsenic sulfides	Sulfures d'arsenic	6.1	See UN1556 See UN1557	
Arsenic sulphides	Sulfures d'arsenic	6.1	See UN1556 See UN1557	
ARSENIC SULFIDE AND A CHLORATE, MIXTURES OF	SULFURE D'ARSENIC ET UN CHLORATE, MÉLANGES DE	Forbidden		
ARSENIC SULPHIDE AND A CHLORATE, MIXTURES OF	SULFURE D'ARSENIC ET UN CHLORATE, MÉLANGES DE	Forbidden		
ARSENIC TRICHLORIDE	TRICHLORURE D'ARSENIC	6.1	UN1560	
ARSENIC TRIOXIDE	TRIOXYDE D'ARSENIC	6.1	UN1561	
Arsenious acid	Acide arsénieux	6.1	See UN1561	
Arsenious anhydride	Anhydride arsénieux	6.1	See UN1561	
Arsenious chloride	Chlorure arsénieux	6.1	See UN1560	
Arsenites, n.o.s.	Arsénites, n.s.a.	6.1	See UN1556 See UN1557	
Arsenosus chloride	Chlorure arsénieux	6.1	See UN1560	
ARSINE	ARSINE	2.3	UN2188	
ARSINE, ADSORBED	ARSINE ADSORBÉ	2.3	UN3522	
ARTICLES, EEI	OBJETS EEPS	1.6N	UN0486	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
ARTICLES, EXPLOSIVE, N.O.S.	OBJETS EXPLOSIFS, N.S.A.	1.1C 1.1D 1.1E 1.1F 1.1L 1.2C 1.2D 1.2E 1.2F 1.2L 1.3C 1.3L 1.4B 1.4C 1.4D 1.4E 1.4F 1.4G 1.4S	UN0462 UN0463 UN0464 UN0465 UN0354 UN0466 UN0467 UN0468 UN0469 UN0355 UN0470 UN0356 UN0350 UN0351 UN0352 UN0471 UN0472 UN0353 UN0349	
ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE	OBJETS EXPLOSIFS EXTRÊMEMENT PEU SENSIBLES	1.6N	UN0486	
ARTICLES, PRESSURIZED, HYDRAULIC (containing non-flammable gas)	OBJETS SOUS PRESSION HYDRAULIQUE (contenant un gaz non inflammable)	2.2	UN3164	
ARTICLES, PRESSURIZED, PNEUMATIC (containing non-flammable gas)	OBJETS SOUS PRESSION PNEUMATIQUE (contenant un gaz non inflammable)	2.2	UN3164	
ARTICLES, PYROPHORIC	OBJETS PYROPHORIQUES	1.2L	UN0380	
ARTICLES, PYROTECHNIC for technical purposes	OBJETS PYROTECHNIQUES à usage technique	1.1G 1.2G 1.3G 1.4G 1.4S	UN0428 UN0429 UN0430 UN0431 UN0432	
ARYLSULFONIC ACIDS, LIQUID with more than 5% free sulfuric acid	ACIDES ARYLSULFONIQUES LIQUIDES contenant plus de 5 pour cent d'acide sulfurique libre	8	UN2584	
ARYLSULFONIC ACIDS, LIQUID with not more than 5% free sulfuric acid	ACIDES ARYLSULFONIQUES LIQUIDES contenant au plus 5 % d'acide sulfurique libre	8	UN2586	
ARYLSULFONIC ACIDS, SOLID with more than 5% free sulfuric acid	ACIDES ARYLSULFONIQUES SOLIDES contenant plus de 5 % d'acide sulfurique libre	8	UN2583	
ARYLSULFONIC ACIDS, SOLID with not more than 5% free sulfuric acid	ACIDES ARYLSULFONIQUES SOLIDES contenant au plus 5 % d'acide sulfurique libre	8	UN2585	
ARYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid	ACIDES ARYLSULFONIQUES LIQUIDES contenant plus de 5 % d'acide sulfurique libre	8	UN2584	
ARYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid	ACIDES ARYLSULFONIQUES LIQUIDES contenant au plus 5 % d'acide sulfurique libre	8	UN2586	
ARYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid	ACIDES ARYLSULFONIQUES SOLIDES contenant plus de 5 % d'acide sulfurique libre	8	UN2583	
ARYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	ACIDES ARYLSULFONIQUES SOLIDES contenant au plus 5 % d'acide sulfurique libre	8	UN2585	
ASBESTOS, AMPHIBOLE (actinolite, amosite, anthophyllite, crocidolite, tremolite) when not fixed in a natural or artificial binder material or included in a manufactured product	AMIANTES AMPHIBOLES (actinolite, amosite, anthophyllite, crocidolite, trémolite) lorsqu'ils ne sont pas fixés dans un liant naturel ou artificiel ou compris dans un produit fabriqué	9	UN2212	
ASBESTOS, CHRYSOTILE, when not fixed in a natural or artificial binder material or included in a manufactured product	AMIANTE, CHRYSOTILE, lorsqu'il n'est pas fixé dans un liant naturel ou artificiel ou compris dans un produit fabriqué	9	UN2590	
ASCARIDOLE (ORGANIC PEROXIDE)	ASCARIDOLE (PEROXYDE ORGANIQUE)	Forbidden		
AVIATION REGULATED LIQUID, N.O.S.	MATIÈRE LIQUIDE RÉGLEMENTÉE POUR L'AVIATION, N.S.A.	9	UN3334	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
AVIATION REGULATED SOLID, N.O.S.	MATIÈRE SOLIDE RÉGLEMENTÉE POUR L'AVIATION, N.S.A.	9	UN3335	
AZAUROLIC ACID (SALT OF), (DRY)	ACIDE AZAUROLIQUE (SEL DE), (SEC)	Forbidden		
AZIDODITHIOCARBONIC ACID	ACIDE AZIDODITHIOCARBONIQUE	Forbidden		
AZIDOETHYL NITRATE	NITRATE D'AZIDOÉTHYLE	Forbidden		
AZIDO GUANIDINE PICRATE (DRY)	PICRATE D'AZIDOGUANIDINE (SEC)	Forbidden		
5-AZIDO-1-HYDROXY TETRAZOLE	AZIDO-5 HYDROXY-1 TÉTRAZOLE	Forbidden		
AZIDO HYDROXY TETRAZOLE (MERCURY AND SILVER SALTS)	AZIDO HYDROXYTÉTRAZOLE (SELS DE MERCURE ET D'ARGENT)	Forbidden		
3-AZIDO-1,2-PROPYLENE GLYCOL DINITRATE	DINITRATE D'AZIDO-3 PROPYLÈNE-1,2 GLYCOL	Forbidden		
AZODICARBONAMIDE, technically pure substance or preparations having an SADT higher than 75 °C	AZODICARBONAMIDE, matière techniquement pure ou préparations dont la TDAA est supérieure à 75 °C	4.1	UN3242	
Azinphos-ethyl (see ORGANOPHOSPHORUS PESTICIDE)	Azinphos-éthyl (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Azinphos-methyl (see ORGANOPHOSPHORUS PESTICIDE)	Azinphos-méthyl (voir PESTICIDE ORGANOPHOSPHORÉ)			P
AZOTETRAZOLE (DRY)	AZOTÉTRAZOLE (SEC)	Forbidden		
Bag charges	Gargousses	1.1C 1.2C 1.3C	See UN0279 See UN0414 See UN0242	
Ballistite	Balistite	1.1C 1.3C	See UN0160 See UN0161	
Bangalore torpedoes	Torpilles Bangalore	1.1D 1.1F 1.2D 1.2F	See UN0137 See UN0136 See UN0138 See UN0294	
BARIUM	BARYUM	4.3	UN1400	
BARIUM ALLOYS, PYROPHORIC	ALLIAGES PYROPHORIQUES DE BARYUM	4.2	UN1854	
BARIUM AZIDE, dry or wetted with less than 50% water, by mass	AZOTURE DE BARYUM sec ou humidifié avec moins de 50 % (masse) d'eau	1.1A	UN0224	
BARIUM AZIDE, WETTED with not less than 50% water, by mass	AZOTURE DE BARYUM HUMIDIFIÉ avec au moins 50 % (masse) d'eau	4.1	UN1571	
Barium bioxide	Dioxyde de baryum	5.1	See UN1449	
BARIUM BROMATE	BROMATE DE BARYUM	5.1	UN2719	
BARIUM CHLORATE, SOLID	CHLORATE DE BARYUM, SOLIDE	5.1	UN1445	
BARIUM CHLORATE SOLUTION	CHLORATE DE BARYUM EN SOLUTION	5.1	UN3405	
BARIUM COMPOUND, N.O.S., other than barium sulphate	COMPOSÉ DU BARYUM, N.S.A., à l'exclusion du sulfate de baryum	6.1	UN1564	
BARIUM CYANIDE	CYANURE DE BARYUM	6.1	UN1565	P
Barium dioxide	Dioxyde de baryum	5.1	See UN1449	
BARIUM HYPOCHLORITE with more than 22% available chlorine	HYPOCHLORITE DE BARYUM contenant plus de 22 % de chlore actif	5.1	UN2741	
BARIUM NITRATE	NITRATE DE BARYUM	5.1	UN1446	
BARIUM OXIDE	OXYDE DE BARYUM	6.1	UN1884	
BARIUM PERCHLORATE, SOLID	PERCHLORATE DE BARYUM, SOLIDE	5.1	UN1447	
BARIUM PERCHLORATE SOLUTION	PERCHLORATE DE BARYUM EN SOLUTION	5.1	UN3406	
BARIUM PERMANGANATE	PERMANGANATE DE BARYUM	5.1	UN1448	
BARIUM PEROXIDE	PEROXYDE DE BARYUM	5.1	UN1449	
Barium, pyrophoric alloys	Baryum, alliages pyrophoriques de	4.2	See UN1854	
Barium selenate	Séléniate de baryum	6.1	See UN2630	
Barium selenite	Sélénite de baryum	6.1	See UN2630	
Barium superoxide	Superoxyde de baryum	5.1	See UN1449	

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BATTERIES, CONTAINING SODIUM	ACCUMULATEURS AU SODIUM	4.3	UN3292	
BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE SOLID, electric storage	ACCUMULATEURS électriques SECS CONTENANT DE L'HYDROXYDE DE POTASSIUM SOLIDE	8	UN3028	
BATTERIES, NICKEL-METAL HYDRIDE	PILES AU NICKEL-HYDRURE MÉTALLIQUE	9	UN3496	
BATTERIES, WET, FILLED WITH ACID, electric storage	ACCUMULATEURS électriques REMPLIS D'ÉLECTROLYTE LIQUIDE ACIDE	8	UN2794	
BATTERIES, WET, FILLED WITH ALKALI, electric storage	ACCUMULATEURS électriques REMPLIS D'ÉLECTROLYTE LIQUIDE ALCALIN	8	UN2795	
BATTERIES, WET, NON-SPILLABLE, electric storage	ACCUMULATEURS électriques INVERSABLES REMPLIS D'ÉLECTROLYTE LIQUIDE	8	UN2800	
BATTERY FLUID, ACID	ÉLECTROLYTE ACIDE POUR ACCUMULATEURS	8	UN2796	
BATTERY FLUID, ALKALI	ÉLECTROLYTE ALCALIN POUR ACCUMULATEURS	8	UN2797	
Battery, lithium ion	PILES AU LITHIUM IONIQUE	9	See UN3480 See UN3481	
Battery, lithium metal	PILES AU LITHIUM MÉTAL	9	See UN3090 See UN3091	
BATTERY-POWERED EQUIPMENT	APPAREIL MÛ PAR ACCUMULATEURS	9	UN3171	
BATTERY-POWERED VEHICLE	VÉHICULE MÛ PAR ACCUMULATEURS	9	UN3171	
Bendiocarb (see CARBAMATE PESTICIDE)	Bendiocarbe (voir CARBAMATE PESTICIDE)			P
Benomyl	Bénomyl		See Note 1	P
Benquinox (see PESTICIDE, N.O.S.)	Benquinox (voir PESTICIDE, N.S.A.)			P
BENZALDEHYDE	BENZALDÉHYDE	9	UN1990	
BENZENE	BENZÈNE	3	UN1114	
BENZENE DIAZONIUM CHLORIDE (DRY)	CHLORURE DE BENZÈNEDIAZONIUM (SEC)	Forbidden		
BENZENE DIAZONIUM NITRATE (DRY)	NITRATE DE BENZÈNEDIAZONIUM (SEC)	Forbidden		
BENZENESULFONYL CHLORIDE	CHLORURE DE BENZÈNESULFONYLE	8	UN2225	
BENZENESULPHONYL CHLORIDE	CHLORURE DE BENZÈNESULFONYLE	8	UN2225	
Benzenethiol	Benzénethiol	6.1	See UN2337	
BENZENE TRIOZONIDE	TRIOZONURE DE BENZÈNE	Forbidden		
BENZIDINE	BENZIDINE	6.1	UN1885	
Benzol	Benzol	3	See UN1114	
Benzolene	Benzolène	3	See UN1114	
BENZONITRILE	BENZONITRILE	6.1	UN2224	
BENZOQUINONE	BENZOQUINONE	6.1	UN2587	
Benzosulfochloride	CHLORURE DE BENZÈNESULFONYLE	8	See UN2225	
Benzosulphochloride	CHLORURE DE BENZÈNESULFONYLE	8	See UN2225	
BENZOTRICHLORIDE	CHLORURE DE BENZYLIDYNE	8	UN2226	
BENZOTRIFLUORIDE	FLUORURE DE BENZYLIDYNE	3	UN2338	
BENZOXIDIAZOLES, DRY	BENZOXYDIAZOLES, SECS	Forbidden		
BENZOYL AZIDE	AZOTURE DE BENZOYLE	Forbidden		
BENZOYL CHLORIDE	CHLORURE DE BENZOYLE	8	UN1736	
BENZYL BROMIDE	BROMURE DE BENZYLE	6.1	UN1737	
BENZYL CHLORIDE	CHLORURE DE BENZYLE	6.1	UN1738	
Benzyl chlorocarbonate	Chlorocarbonate de benzyle	8	See UN1739	P
BENZYL CHLOROFORMATE	CHLOROFORMIATE DE BENZYLE	8	UN1739	P
Benzyl cyanide	Cyanure de benzyle	6.1	See UN2470	
BENZYLDIMETHYLAMINE	BENZYLDIMÉTHYLAMINE	8	UN2619	
BENZYLIDENE CHLORIDE	CHLORURE DE BENZYLIDÈNE	6.1	UN1886	
BENZYL IODIDE	IODURE DE BENZYLE	6.1	UN2653	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
BERYLLIUM COMPOUND, N.O.S.	COMPOSÉ DU BÉRYLLIUM, N.S.A.	6.1	UN1566	
BERYLLIUM NITRATE	NITRATE DE BÉRYLLIUM	5.1	UN2464	
BERYLLIUM POWDER	BÉRYLLIUM EN POUDRE	6.1	UN1567	
gamma-BHC (see ORGANOCHLORINE PESTICIDE)	gamma-BHC (voir PESTICIDE ORGANOCHLORÉ)			P
BHUSA, regulated only when transported by ship	BHUSA, réglementé seulement lorsqu'il est transporté par navire	4.1	UN1327	
BHUSA, wet, damp or contaminated with oil, by ship only	BHUSA, mouillé, humide ou souillée d'huile, réglementé seulement lorsqu'il est transporté par navire	Forbidden		
Bickford fuse	CORDEAU BICKFORD	1.4S	See UN0105	
BICYCLO[2.2.1]HEPTA-2,5-DIENE, STABILIZED	BICYCLO [2.2.1] HEPTA-2,5-DIÈNE, STABILISÉ	3	UN2251	
Bifluorides, n.o.s.	Bifluorures, n.s.a.	8	See UN1740	
Binapacryl (see SUBSTITUTED NITROPHENOL PESTICIDE)	Binapacryl (voir NITROPHÉNOL SUBSTITUÉ PESTICIDE)			P
BIOLOGICAL SUBSTANCE, CATEGORY B	MATIÈRE BIOLOGIQUE, CATÉGORIE B	6.2	UN3373	
(BIO) MEDICAL WASTE, N.O.S.	DÉCHET (BIO) MÉDICAL, N.S.A.	6.2	UN3291	
BIPHENYL TRIOZONIDE	TRIOZONURE DE BIPHÉNYLE	Forbidden		
BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	PESTICIDE BIPYRIDYLIQUE LIQUIDE INFLAMMABLE, TOXIQUE, ayant un point d'éclair inférieur à 23 °C	3	UN2782	
BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	PESTICIDE BIPYRIDYLIQUE LIQUIDE TOXIQUE	6.1	UN3016	
BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	PESTICIDE BIPYRIDYLIQUE LIQUIDE TOXIQUE, INFLAMMABLE, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN3015	
BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	PESTICIDE BIPYRIDYLIQUE SOLIDE TOXIQUE	6.1	UN2781	
Bis(chloro-2-ethyl) oxide	Oxyde de bis (chloro-2 éthyle)	6.1	See UN1916	P
Bis(chloromethyl) ether	Oxyde de bis (chlorométhyle)	Forbidden	See UN2249	
N,N-Bis(2-hydroxyethyl)oleamide (LOA)	N,N-Bis(2-hydroxyéthyl)oléamide (LOA)		See Note 1	P
BISULFATES, AQUEOUS SOLUTION	HYDROGÉNOSULFATES EN SOLUTION AQUEUSE	8	UN2837	
BISULFITES, AQUEOUS SOLUTION, N.O.S.	HYDROGÉNOSULFITES EN SOLUTION AQUEUSE, N.S.A.	8	UN2693	
BISULPHATES, AQUEOUS SOLUTION	HYDROGÉNOSULFATES EN SOLUTION AQUEUSE	8	UN2837	
BISULPHITES, AQUEOUS SOLUTION, N.O.S.	HYDROGÉNOSULFITES EN SOLUTION AQUEUSE, N.S.A.	8	UN2693	
BLACK POWDER, COMPRESSED	POUDRE NOIRE COMPRIMÉE	1.1D	UN0028	
BLACK POWDER granular or as a meal	POUDRE NOIRE sous forme de grains ou de pulvérin	1.1D	UN0027	
BLACK POWDER, IN PELLETS	POUDRE NOIRE EN COMPRIMÉS	1.1D	UN0028	
Blasting cap assemblies	ASSEMBLAGES DE DÉTONATEURS de mine (de sautage) NON ÉLECTRIQUES	1.1B 1.4B	See UN0360 See UN0361	
Blasting caps, electric	Amorces de mine électriques	1.1B 1.4B 1.4S	See UN0030 See UN0255 See UN0456	
Blasting caps, non electric	Amorces de mine non électriques	1.1B 1.4B 1.4S	See UN0029 See UN0267 See UN0455	
Bleaching powder	Chlorure de chaux	5.1	See UN2208	P
BOMBS with bursting charge	BOMBES avec charge d'éclatement	1.1D 1.1F 1.2D 1.2F	UN0034 UN0033 UN0035 UN0291	
Bombs, illuminating	Bombes éclairantes	1.2G 1.3G 1.4G	See UN0171 See UN0254 See UN0297	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
BOMBS, PHOTO-FLASH	BOMBES PHOTO-ÉCLAIR	1.1D 1.1F 1.2G 1.3G	UN0038 UN0037 UN0039 UN0299	
BOMBS, SMOKE, NON-EXPLOSIVE with corrosive liquid, without initiating device	BOMBES FUMIGÈNES NON EXPLOSIVES, contenant un liquide corrosif, sans dispositif d'amorçage	8	UN2028	
Bombs, target identification	Bombes de repérage	1.2G 1.3G 1.4G	See UN0171 See UN0254 See UN0297	
BOMBS WITH FLAMMABLE LIQUID with bursting charge	BOMBES CONTENANT UN LIQUIDE INFLAMMABLE avec charge d'éclatement	1.1J 1.2J	UN0399 UN0400	
BOOSTERS without detonator	RENFORÇATEURS sans détonateur	1.1D 1.2D	UN0042 UN0283	
BOOSTERS WITH DETONATOR	RENFORÇATEURS AVEC DÉTONATEUR	1.1B 1.2B	UN0225 UN0268	
Borate and chlorate mixture	Borate et chlorate en mélange	5.1	See UN1458	
BORNEOL	BORNÉOL	4.1	UN1312	
BORON TRIBROMIDE	TRIBROMURE DE BORE	8	UN2692	
BORON TRICHLORIDE	TRICHLORURE DE BORE	2.3	UN1741	
BORON TRIFLUORIDE	TRIFLUORURE DE BORE	2.3	UN1008	
BORON TRIFLUORIDE ACETIC ACID COMPLEX, LIQUID	COMPLEXE DE TRIFLUORURE DE BORE ET D'ACIDE ACÉTIQUE, LIQUIDE	8	UN1742	
BORON TRIFLUORIDE ACETIC ACID COMPLEX, SOLID	COMPLEXE DE TRIFLUORURE DE BORE ET D'ACIDE ACÉTIQUE, SOLIDE	8	UN3419	
BORON TRIFLUORIDE, ADSORBED	TRIFLUORURE DE BORE ADSORBÉ	2.3	UN3519	
BORON TRIFLUORIDE DIETHYL ETHERATE	ÉTHÉRATE DIÉTHYLIQUE DE TRIFLUORURE DE BORE	8	UN2604	
BORON TRIFLUORIDE DIHYDRATE	TRIFLUORURE DE BORE DIHYDRATÉ	8	UN2851	
BORON TRIFLUORIDE DIMETHYL ETHERATE	ÉTHÉRATE DIMÉTHYLIQUE DE TRIFLUORURE DE BORE	4.3	UN2965	
BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, LIQUID	COMPLEXE DE TRIFLUORURE DE BORE ET D'ACIDE PROPIONIQUE, LIQUIDE	8	UN1743	
BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, SOLID	COMPLEXE DE TRIFLUORURE DE BORE ET D'ACIDE PROPIONIQUE, SOLIDE	8	UN3420	
Brodifacoum (see COUMARIN DERIVATIVE PESTICIDE)	Brodifacoum (voir PESTICIDE COUMARINIQUE)			P
BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	BROMATES INORGANIQUES EN SOLUTION AQUEUSE, N.S.A.	5.1	UN3213	
BROMATES, INORGANIC, N.O.S.	BROMATES INORGANIQUES, N.S.A.	5.1	UN1450	
BROMINE	BROME	8	UN1744	
BROMINE AZIDE	AZOTURE DE BROME	Forbidden		
BROMINE CHLORIDE	CHLORURE DE BROME	2.3	UN2901	
Bromine cyanide	Cyanure de brome	6.1	See UN1889	P
BROMINE PENTAFLUORIDE	PENTAFLUORURE DE BROME	5.1	UN1745	
BROMINE SOLUTION	BROME EN SOLUTION	8	UN1744	
BROMINE TRIFLUORIDE	TRIFLUORURE DE BROME	5.1	UN1746	
BROMOACETIC ACID SOLUTION	ACIDE BROMACÉTIQUE EN SOLUTION	8	UN1938	
BROMOACETIC ACID, SOLID	ACIDE BROMACÉTIQUE SOLIDE	8	UN3425	
BROMOACETONE	BROMACÉTONE	6.1	UN1569	P
omega-Bromoacetone	oméga-Bromacétophénone	6.1	See UN2645	
BROMOACETYL BROMIDE	BROMURE DE BROMACÉTYLE	8	UN2513	
Bromoallylene	Bromoallylène	3	See UN1099	P
BROMOBENZENE	BROMOBENZÈNE	3	UN2514	P

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BROMOBENZYL CYANIDES, LIQUID	CYANURES DE BROMOBENZYLE LIQUIDES	6.1	UN1694	
BROMOBENZYL CYANIDES, SOLID, except <i>p</i> -bromobenzyl cyanide	CYANURES DE BROMOBENZYLE SOLIDES, à l'exception du cyanure de <i>p</i> -bromobenzyle	6.1	UN3449	
1-BROMOBUTANE	1-BROMOBUTANE	3	UN1126	
2-BROMOBUTANE	BROMO-2 BUTANE	3	UN2339	
BROMOCHLOROMETHANE	BROMOCHLOROMÉTHANE	6.1	UN1887	
1-BROMO-3-CHLOROPROPANE	BROMO-1 CHLORO-3 PROPANE	6.1	UN2688	
Bromocyane	BROMURE DE CYANOGÈNE	6.1	See UN1889	P
4-BROMO-1,2-DINITROBENZENE (UNSTABLE AT 59 °C)	BROMO-4 DINITRO-1,2 BENZÈNE (INSTABLE À 59 °C)	Forbidden		
1-Bromo-2,3-epoxypropane	Bromo-1 époxy-2,3 propane	6.1	See UN2558	P
Bromoethane	Brométhane	6.1	See UN1891	
2-BRMOETHYL ETHYL ETHER	ÉTHER BROMO-2 ÉTHYLÉTHYLIQUE	3	UN2340	
BROMOFORM	BROMOFORME	6.1	UN2515	P
Bromomethane	Bromométhane	2.3	See UN1062	
1-BROMO-3-METHYLBUTANE	BROMO-1 MÉTHYL-3 BUTANE	3	UN2341	
BROMOMETHYLPROPANES	BROMOMÉTHYLPROPANES	3	UN2342	
1-BROMO-3-NITROBENZENE (UNSTABLE AT 56 °C)	BROMO-1 NITRO-3 BENZÈNE (INSTABLE À 56 °C)	Forbidden		
2-BRMO-2-NITROPROPANE-1,3-DIOL	BROMO-2 NITRO-2 PROPANEDIOL-1,3	4.1	UN3241	
2-BROMOPENTANE	BROMO-2 PENTANE	3	UN2343	
Bromophos-ethyl (see ORGANOPHOSPHORUS PESTICIDE)	Bromophos-éthyl (voir PESTICIDE ORGANOPHOSPHORÉ)			P
BROMOPROPANES	BROMOPROPANES	3	UN2344	
3-Bromopropene	Bromo-3 propène	3	See UN1099	P
3-BROMOPROPYNE	BROMO-3 PROPYNE	3	UN2345	
BROMOSILANE	BROMOSILANE	Forbidden		
BROMOTRIFLUOROETHYLENE	BROMOTRIFLUOROÉTHYLÈNE	2.1	UN2419	
BROMOTRIFLUOROMETHANE	BROMOTRIFLUOROMÉTHANE	2.2	UN1009	
Bromoxynil (see PESTICIDE, N.O.S.)	Bromoxynil (voir PESTICIDE, N.S.A.)			P
BRUCINE	BRUCINE	6.1	UN1570	
BURSTERS, explosive	CHARGES DE DISPERSION	1.1D	UN0043	
BUTADIENES, STABILIZED	BUTADIÈNES STABILISÉS	2.1	UN1010	
BUTADIENES AND HYDROCARBON MIXTURE, STABILIZED, containing more than 40% butadienes	BUTADIÈNES ET HYDROCARBURES EN MÉLANGE STABILISÉ, contenant plus de 40 % de butadiènes	2.1	UN1010	
BUTANE	BUTANE	2.1	UN1011	
BUTANEDIONE	BUTANEDIONE	3	UN2346	
Butane-1-thiol	Butanethiol-1	3	See UN2347	
1,2,4-BUTANETRIOL TRINITRATE	TRINITRATE DE BUTANETRIOL-1,2,4	Forbidden		
1-Butanol	Alcool butylique normal	3	See UN1120	
Butan-2-ol	Butanol secondaire	3	See UN1120	
BUTANOLS	BUTANOLS	3	UN1120	
Butanol, secondary	Alcool butylique secondaire; ou Butanol secondaire	3	See UN1120	
Butanol, tertiary	Alcool butylique tertiaire; ou Butanol tertiaire	3	See UN1120	
Butanone	Butanone	3	See UN1193	
2-Butenal, stabilized	Butèn-2-al, stabilisé	6.1	See UN1143	P

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Butene	Butène	2.1	See UN1012	
But-1-ene-3-one	Butène-3 one-2	6.1	See UN1251	
1,2-Buteneoxide	Oxyde de butène-1,2	3	See UN3022	
2-Buten-1-ol	Butèn-2-ol-1	3	See UN2614	
tert-BUTOXYCARBONYL AZIDE	AZOTURE DE tert-BUTOXYCARBONYLE	Forbidden		
BUTYL ACETATES	ACÉTATES DE BUTYLE	3	UN1123	
Butyl acetate, secondary	Acétate de butyle secondaire	3	See UN1123	
BUTYL ACID PHOSPHATE	PHOSPHATE ACIDE DE BUTYLE	8	UN1718	
BUTYL ACRYLATES, STABILIZED	ACRYLATES DE BUTYLE STABILISÉS	3	UN2348	
Butyl alcohols	Alcools butyliques	3	See UN1120	
n-BUTYLMINE	n-BUTYLMINE	3	UN1125	
N-BUTYLANILINE	N-BUTYLANILINE	6.1	UN2738	
sec-Butyl benzene	sec-Butylbenzène	3	See UN2709	P
BUTYLBENZENES	BUTYLBENZÈNES	3	UN2709	P
Butyl benzyl phthalate	Phthalate de butyle et de benzyle	9	See UN3082	P
n-Butyl bromide	Bromure de n-butyle	3	See UN1126	
n-Butyl chloride	Chlorure de n-butyle	3	See UN1127	
n-BUTYL CHLOROFORMATE	CHLOROFORMIATE DE n-BUTYLE	6.1	UN2743	
tert-BUTYLCYCLOHEXYL CHLOROFORMATE	CHLOROFORMIATE DE tert-BUTYLCYCLOHEXYLE	6.1	UN2747	
N <sup>2</sup> -tert-butyl-N <sup>4</sup> -cyclopropyl-6-methylthio-1,3,5-triazine-2,4-diamine	N <sup>2</sup> -tert-butyl-N <sup>4</sup> -cyclopropyl-6-méthyl-1,3,5-triazine-2,4-diamine	9	See UN3077	P
BUTYLENE	BUTYLÉNE	2.1	UN1012	
1,2-BUTYLENE OXIDE, STABILIZED	OXYDE DE BUTYLÉNE-1,2 STABILISÉ	3	UN3022	
Butyl ethers	Oxyde de dibutyle	3	See UN1149	
Butyl ethyl ether	Oxyde d'éthyle et de butyle	3	See UN1179	
n-BUTYL FORMATE	FORMIATE DE n-BUTYLE	3	UN1128	
tert-BUTYL HYDROPEROXIDE, with more than 90% with water	HYDROPEROXYDE DE tert-BUTYLE, contenant plus de 90 % dans de l'eau	Forbidden		
tert-BUTYL HYPOCHLORITE	HYPOCHLORITE DE tert-BUTYLE	Forbidden	UN3255	
N,n-BUTYLMIDAZOLE	N-n-BUTYLMIDAZOLE	6.1	UN2690	
N,n-Butyliminazole	N-n-Butyliminazole	6.1	See UN2690	
n-BUTYL ISOCYANATE	ISOCYANATE DE n-BUTYLE	6.1	UN2485	
tert-BUTYL ISOCYANATE	ISOCYANATE DE tert-BUTYLE	6.1	UN2484	
Butyl lithium	Butyllithium	4.2	See UN3394	
BUTYL MERCAPTAN	MERCAPTAN BUTYLIQUE	3	UN2347	
n-BUTYL METHACRYLATE, STABILIZED	MÉTHACRYLATE DE n-BUTYLE STABILISÉ	3	UN2227	
BUTYL METHYL ETHER	ÉTHER BUTYLMÉTHYLIQUE	3	UN2350	
BUTYL NITRITES	NITRITES DE BUTYLE	3	UN2351	
Butylphenols, liquid	Butylphénols, liquides	8	See UN3145	
Butylphenols, solid	Butylphénols, solides	8	See UN2430	
tert-BUTYL PEROXYACETATE, with more than 76% in solution	PEROXYACÉTATE DE tert-BUTYLE, avec plus de 76 % en solution	Forbidden		
n-BUTYL PEROXYDICARBONATE, with more than 52% in solution	PEROXYDICARBONATE DE n-BUTYLE, avec plus de 52 % en solution	Forbidden		
tert-BUTYL PEROXYISOBUTYRATE, with more than 77% in solution	PEROXYISOBUTYRATE DE tert-BUTYLE, avec plus de 77 % en solution	Forbidden		
BUTYL PROPIONATES	PROPIONATES DE BUTYLE	3	UN1914	
p-tert-Butyltoluene	p-tert-Butyltoluène	6.1	See UN2667	
BUTYLTOLUENES	BUTYLTOLUÈNES	6.1	UN2667	

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BUTYLTRICHLOROSILANE	BUTYLTRICHLOROSILANE	8	UN1747	
5- <i>tert</i> -BUTYL-2,4,6-TRINITRO- <i>m</i> -XYLENE	<i>tert</i> -BUTYL-5 TRINITRO-2,4,6 <i>m</i> -XYLÈNE	4.1	UN2956	
BUTYL VINYL ETHER, STABILIZED	ÉTHER BUTYLVINYLIQUE STABILISÉ	3	UN2352	
But-1-yne	Butyne-1	2.1	See UN2452	
2-Butyne	Butyne-2	3	See UN1144	
1,4-BUTYNEDIOL	BUTYNEDIOL-1,4	6.1	UN2716	
2-Butyne-1,4-diol	Butyne-2 diol-1,4	6.1	See UN2716	
2-Butyne-2,4-diol	Butyne-2 diol-2,4	6.1	See UN2716	
BUTYRALDEHYDE	BUTYRALDÉHYDE	3	UN1129	
BUTYRALDOXIME	BUTYRALDOXIME	3	UN2840	
BUTYRIC ACID	ACIDE BUTYRIQUE	8	UN2820	
BUTYRIC ANHYDRIDE	ANHYDRIDE BUTYRIQUE	8	UN2739	
Butyrone	Butyrone	3	See UN2710	
BUTYRONITRILE	BUTYRONITRILE	3	UN2411	
Butyroyl chloride	Chlorure de butyroyle	3	See UN2353	
BUTYRYL CHLORIDE	CHLORURE DE BUTYRYLE	3	UN2353	
CABAZIDE	CABAZIDE	Forbidden		
Cable cutters, explosive	CISAILLES PYROTECHNIQUES EXPLOSIVES	1.4S	See UN0070	
CACODYLIC ACID	ACIDE CACODYLIQUE	6.1	UN1572	
CADMUM COMPOUND	COMPOSÉ DU CADMIUM	6.1	UN2570	
Cadmium sulfide	Sulfure de cadmium	6.1	See UN2570	P
Cadmium sulphide	Sulfure de cadmium	6.1	See UN2570	P
CAESIUM	CÉSIUM	4.3	UN1407	
CAESIUM HYDROXIDE	HYDROXYDE DE CÉSIUM	8	UN2682	
CAESIUM HYDROXIDE SOLUTION	HYDROXYDE DE CÉSIUM EN SOLUTION	8	UN2681	
CAESIUM NITRATE	NITRATE DE CÉSIUM	5.1	UN1451	
Caffeine	Caféine	6.1	See UN1544	
Cajeputene	Cajeputène	3	See UN2052	P
CALCIUM	CALCIUM	4.3	UN1401	
CALCIUM ALLOYS, PYROPHORIC	ALLIAGES PYROPHORIQUES DE CALCIUM	4.2	UN1855	
CALCIUM ARSENATE	ARSÉNIADE DE CALCIUM	6.1	UN1573	P
CALCIUM ARSENATE AND CALCIUM ARSENITE MIXTURE, SOLID	ARSÉNIADE DE CALCIUM ET ARSÉNITE DE CALCIUM EN MÉLANGE SOLIDE	6.1	UN1574	P
Calcium bisulfite solution	Bisulfite de calcium en solution	8	See UN2693	
Calcium bisulphite solution	Bisulfite de calcium en solution	8	See UN2693	
CALCIUM CARBIDE	CARBURE DE CALCIUM	4.3	UN1402	
CALCIUM CHLORATE	CHLORATE DE CALCIUM	5.1	UN1452	
CALCIUM CHLORATE, AQUEOUS SOLUTION	CHLORATE DE CALCIUM EN SOLUTION AQUEUSE	5.1	UN2429	
CALCIUM CHLORITE	CHLORITE DE CALCIUM	5.1	UN1453	
CALCIUM CYANAMIDE with more than 0.1% calcium carbide	CYANAMIDE CALCIQUE contenant plus de 0,1 % de carbure de calcium	4.3	UN1403	
CALCIUM CYANIDE	CYANURE DE CALCIUM	6.1	UN1575	P
CALCIUM DITHIONITE	DITHIONITE DE CALCIUM	4.2	UN1923	
CALCIUM HYDRIDE	HYDRURE DE CALCIUM	4.3	UN1404	
CALCIUM HYDROSULFITE	HYDROSULFITE DE CALCIUM	4.2	UN1923	
CALCIUM HYDROSULPHITE	HYDROSULFITE DE CALCIUM	4.2	UN1923	
CALCIUM HYPOCHLORITE, DRY with more than 39% available chlorine (8.8% available oxygen)	HYPOCHLORITE DE CALCIUM SEC contenant plus de 39 % de chlore actif (8,8 % d'oxygène actif)	5.1	UN1748	P

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CALCIUM HYPOCHLORITE, DRY, CORROSIVE with more than 39% available chlorine (8.8% available oxygen)	HYPOCHLORITE DE CALCIUM SEC, CORROSIF, contenant plus de 39 % de chlore actif (8,8 % d'oxygène actif)	5.1	UN3485	P
CALCIUM HYPOCHLORITE, HYDRATED, with not less than 5.5% but not more than 16% water	HYPOCHLORITE DE CALCIUM HYDRATÉ avec au moins 5,5 % mais au plus 16 % d'eau	5.1	UN2880	P
CALCIUM HYPOCHLORITE, HYDRATED, CORROSIVE with not less than 5.5% but not more than 16% water	HYPOCHLORITE DE CALCIUM HYDRATÉ, CORROSIF, avec au moins 5,5 % mais au plus 16 % d'eau	5.1	UN3487	P
CALCIUM HYPOCHLORITE, HYDRATED MIXTURE, with not less than 5.5% but not more than 16% water	HYPOCHLORITE DE CALCIUM EN MÉLANGE HYDRATÉ avec au moins 5,5 % mais au plus 16 % d'eau	5.1	UN2880	P
CALCIUM HYPOCHLORITE, HYDRATED MIXTURE, CORROSIVE with not less than 5.5% but not more than 16% water	HYPOCHLORITE DE CALCIUM EN MÉLANGE HYDRATÉ, CORROSIF, avec au moins 5,5 % mais au plus 16 % d'eau	5.1	UN3487	P
CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine	HYPOCHLORITE DE CALCIUM EN MÉLANGE SEC contenant plus de 10 % mais au maximum 39 % de chlore actif	5.1	UN2208	P
CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	HYPOCHLORITE DE CALCIUM SEC EN MÉLANGE contenant plus de 39 % de chlore actif (8,8 % d'oxygène actif)	5.1	UN1748	P
CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE with more than 10% but not more than 39% available chlorine	HYPOCHLORITE DE CALCIUM EN MÉLANGE SEC, CORROSIF, contenant plus de 10 % mais 39 % au maximum de chlore actif	5.1	UN3486	P
CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE with more than 39% available chlorine (8.8% available oxygen)	HYPOCHLORITE DE CALCIUM EN MÉLANGE SEC, CORROSIF, contenant plus de 39 % de chlore actif (8,8 % d'oxygène actif)	5.1	UN3485	P
CALCIUM MANGANESE SILICON	SILICO-MANGANO-CALCIUM	4.3	UN2844	
Calcium naphthenate in solution	Naphthénate de calcium en solution	9	See UN3082	P
CALCIUM NITRATE	NITRATE DE CALCIUM	5.1	UN1454	
CALCIUM OXIDE, regulated only when transported by aircraft	OXYDE DE CALCIUM, réglementé seulement lorsqu'il est transporté par aéronef	8	UN1910	
CALCIUM PERCHLORATE	PERCHLORATE DE CALCIUM	5.1	UN1455	
CALCIUM PERMANGANATE	PERMANGANATE DE CALCIUM	5.1	UN1456	
CALCIUM PEROXIDE	PEROXYDE DE CALCIUM	5.1	UN1457	
CALCIUM PHOSPHIDE	PHOSPHURE DE CALCIUM	4.3	UN1360	
CALCIUM, PYROPHORIC	CALCIUM PYROPHORIQUE	4.2	UN1855	
CALCIUM RESINATE	RÉSINATE DE CALCIUM	4.1	UN1313	
CALCIUM RESINATE, FUSED	RÉSINATE DE CALCIUM FONDU	4.1	UN1314	
Calcium selenate	Séléniate de calcium	6.1	See UN2630	
CALCIUM SILICIDE	SILICIURE DE CALCIUM	4.3	UN1405	
Calcium silicon	Silico-calcium	4.3	See UN1405	
Calcium superoxide	Superoxyde de calcium	5.1	See UN1457	
Camphanone	Camphanone	4.1	See UN2717	
Camphechlor (see ORGANOCHLORINE PESTICIDE)	Camphéchlore (voir PESTICIDE ORGANOCHLORÉ)			P
CAMPHOR OIL	HUILE DE CAMPHRE	3	UN1130	
CAMPHOR, synthetic	CAMPHRE synthétique	4.1	UN2717	
CAPACITOR, ASYMMETRIC (with an energy storage capacity greater than 0.3 Wh)	CONDENSATEUR ASYMÉTRIQUE (ayant une capacité de stockage d'énergie supérieure à 0,3 Wh)	9	UN3508	
CAPACITOR, ELECTRIC DOUBLE LAYER (with an energy storage capacity greater than 0.3 Wh)	CONDENSATEUR ÉLECTRIQUE À DOUBLE COUCHE (avec une capacité de stockage d'énergie supérieure à 0,3 Wh)	9	UN3499	
CAPROIC ACID	ACIDE CAPROÏQUE	8	UN2829	
CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	CARBAMATE PESTICIDE LIQUIDE INFLAMMABLE, TOXIQUE, d'un point d'éclair inférieur à 23 °C	3	UN2758	
CARBAMATE PESTICIDE, LIQUID, TOXIC	CARBAMATE PESTICIDE LIQUIDE TOXIQUE	6.1	UN2992	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	CARBAMATE PESTICIDE LIQUIDE TOXIQUE, INFLAMMABLE, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN2991	
CARBAMATE PESTICIDE, SOLID, TOXIC	CARBAMATE PESTICIDE SOLIDE TOXIQUE	6.1	UN2757	
Carbaryl (see CARBAMATE PESTICIDE)	Carbaryl (voir CARBAMATE PESTICIDE)			P
Carbendazim	Carbendazum		See Note 1	P
Carbofuran (see CARBAMATE PESTICIDE)	Carbofuran (voir CARBAMATE PESTICIDE)			P
Carbolic acid, molten	Acide carbolique fondu	6.1	See UN2312	
Carbolic acid, solid	Acide carbolique solide	6.1	See UN1671	
Carbolic acid solution	Acide carbolique en solution	6.1	See UN2821	
CARBON, animal or vegetable origin	CHARBON d'origine animale ou végétale	4.2	UN1361	
CARBON, ACTIVATED	CHARBON ACTIF	4.2	UN1362	
Carbon bisulfide	DISULFURE DE CARBONE	3	See UN1131	
Carbon bisulphide	DISULFURE DE CARBONE	3	See UN1131	
Carbon black (animal or vegetable origin)	Noir de carbone (d'origine animale ou végétale)	4.2	See UN1361	
CARBON DIOXIDE	DIOXYDE DE CARBONE	2.2	UN1013	
Carbon dioxide and ethylene oxide mixture	Oxyde d'éthylène et dioxyde de carbone en mélange	2.1 2.2 2.3	See UN1041 See UN1952 See UN3300	
CARBON DIOXIDE, REFRIGERATED LIQUID	DIOXYDE DE CARBONE LIQUIDE RÉFRIGÉRÉ	2.2	UN2187	
CARBON DIOXIDE, SOLID	DIOXYDE DE CARBONE SOLIDE	9	UN1845	
CARBON DISULFIDE	DISULFURE DE CARBONE	3	UN1131	
CARBON DISULPHIDE	DISULFURE DE CARBONE	3	UN1131	
CARBON MONOXIDE, COMPRESSED	MONOXYDE DE CARBONE COMPRIMÉ	2.3	UN1016	
CARBON MONOXIDE, REFRIGERATED LIQUID	MONOXYDE DE CARBONE LIQUIDE RÉFRIGÉRÉ	Forbidden		
Carbon oxysulfide	Oxysulfure de carbone	2.3	See UN2204	
Carbon oxysulphide	Oxysulfure de carbone	2.3	See UN2204	
CARBON TETRABROMIDE	TÉTRABROMURE DE CARBONE	6.1	UN2516	P
CARBON TETRACHLORIDE	TÉTRACHLORURE DE CARBONE	6.1	UN1846	P
Carbon tetrafluoride	Tétrafluorure de carbone	2.2	See UN1982	
Carbonic anhydride	Anhydride carbonique	2.2 9 2.2	See UN1013 See UN1845 See UN2187	
Carbonyl chloride	Oxychlorure de carbone	2.3	See UN1076	
CARBONYL FLUORIDE	FLUORURE DE CARBONYLE	2.3	UN2417	
CARBONYL SULFIDE	SULFURE DE CARBONYLE	2.3	UN2204	
CARBONYL SULPHIDE	SULFURE DE CARBONYLE	2.3	UN2204	
Carbophenothon (see ORGANOPHOSPHORUS PESTICIDE)	Carbophenothon (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Cartap hydrochloride (see CARBAMATE PESTICIDE)	Chlorhydrate de cartap (voir CARBAMATE PESTICIDE)			P
Cartridge cases, empty, primed	DOUILLES DE CARTOUCHES VIDES AMORCÉES	1.4C 1.4S	See UN0379 See UN0055	
Cartridges, actuating, for fire extinguisher or apparatus valve	Cartouches à poudre pour extincteur ou pour vanne automatique	1.2C 1.3C 1.4C 1.4S	See UN0381 See UN0275 See UN0276 See UN0323	
Cartridges, explosive	Cartouches explosives	1.1D	See UN0048	
CARTRIDGES, FLASH	CARTOUCHES-ÉCLAIR	1.1G 1.3G	UN0049 UN0050	
CARTRIDGES FOR TOOLS, BLANK	CARTOUCHES À BLANC POUR OUTILS	1.4S	UN0014	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
CARTRIDGES FOR WEAPONS with bursting charge	CARTOUCHES POUR ARMES avec charge d'éclatement	1.1E 1.1F 1.2E 1.2F 1.4E 1.4F	UN0006 UN0005 UN0321 UN0007 UN0412 UN0348	
CARTRIDGES FOR WEAPONS, BLANK	CARTOUCHES À BLANC POUR ARMES	1.1C 1.2C 1.3C 1.4C 1.4S	UN0326 UN0413 UN0327 UN0338 UN0014	
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	CARTOUCHES À PROJECTILE INERTE POUR ARMES	1.2C 1.3C 1.4C 1.4S	UN0328 UN0417 UN0339 UN0012	
Cartridges, illuminating	Cartouches éclairantes	1.2G 1.3G 1.4G	See UN0171 See UN0254 See UN0297	
CARTRIDGES, OIL WELL	CARTOUCHES POUR PUITS DE PÉTROLE	1.3C 1.4C	UN0277 UN0278	
CARTRIDGES, POWER DEVICE	CARTOUCHES POUR PYROMÉCANISMES	1.2C 1.3C 1.4C 1.4S	UN0381 UN0275 UN0276 UN0323	
CARTRIDGES, SIGNAL	CARTOUCHES DE SIGNALISATION	1.3G 1.4G 1.4S	UN0054 UN0312 UN0405	
CARTRIDGES, SMALL ARMS	CARTOUCHES POUR ARMES DE PETIT CALIBRE	1.3C 1.4C 1.4S	UN0417 UN0339 UN0012	
CARTRIDGES, SMALL ARMS, BLANK	CARTOUCHES À BLANC POUR ARMES DE PETIT CALIBRE	1.3C 1.4C 1.4S	UN0327 UN0338 UN0014	
Cartridges, starter, jet engine	Cartouches de démarrage pour moteur à réaction	1.2C 1.3C 1.4C 1.4S	UN0381 UN0275 UN0276 UN0323	
CASES, CARTRIDGE, EMPTY, WITH PRIMER	DOUILLES DE CARTOUCHES VIDES AMORCÉES	1.4C 1.4S	UN0379 UN0055	
CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	DOUILLES COMBUSTIBLES VIDES ET NON AMORCÉES	1.3C 1.4C	UN0447 UN0446	
Casinghead gasoline	Essence naturelle	3	See UN1203	
CASTOR BEANS	GRAINES DE RICIN	9	UN2969	
CASTOR FLAKE	GRAINES DE RICIN EN FLOCONS	9	UN2969	
CASTOR MEAL	FARINE DE RICIN	9	UN2969	
CASTOR POMACE	TOURTEAUX DE RICIN	9	UN2969	
CAUSTIC ALKALI LIQUID, N.O.S.	LIQUIDE ALCALIN CAUSTIQUE, N.S.A.	8	UN1719	
Caustic potash solution	Potasse caustique en solution	8	See UN1814	
Caustic soda	Soude caustique	8	See UN1824	
Caustic soda liquor	Soude caustique en solution	8	See UN1824	
Celloidin	Celloïdine	4.1 4.1 4.1	See UN2555 See UN2556 See UN2557	
CELLS, CONTAINING SODIUM	ÉLÉMENTS D'ACCUMULATEUR AU SODIUM	4.3	UN3292	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
CELLULOID in block, rods, rolls, sheets, tubes, etc., except scrap	CELLULOÏD en blocs, barres, rouleaux, feuilles, tubes, etc. (à l'exclusion des déchets)	4.1	UN2000	
CELLULOID, SCRAP	DÉCHETS DE CELLULOÏD	4.2	UN2002	
Cement	Colles	3	See UN1133	
CERIUM, slabs, ingots or rods	CÉRIUM, plaques, lingots ou barres	4.1	UN1333	
CERIUM, turnings or gritty powder	CÉRIUM, copeaux ou poudre abrasive	4.3	UN3078	
Cer mischmetall	Cer mischmetall	4.1	See UN1323	
Charcoal, activated	CHARBON ACTIF	4.2	See UN1362	
Charcoal, non-activated	Charbon de bois non actif	4.2	See UN1361	
CHARGES, BURSTING, PLASTICS BONDED	CHARGES D'ÉCLATEMENT À LIANT PLASTIQUE	1.1D 1.2D 1.4D 1.4S	UN0457 UN0458 UN0459 UN0460	
CHARGES, DEMOLITION	CHARGES DE DÉMOLITION	1.1D	UN0048	
CHARGES, DEPTH	CHARGES SOUS-MARINES	1.1D	UN0056	
Charges, expelling, explosive, for fire extinguishers	Charges d'expulsion pour extincteurs	1.2C 1.3C 1.4C 1.4S	See UN0381 See UN0275 See UN0276 See UN0323	
CHARGES, EXPLOSIVE, COMMERCIAL without detonator	CHARGES EXPLOSIVES INDUSTRIELLES sans détonateur	1.1D 1.2D 1.4D 1.4S	UN0442 UN0443 UN0444 UN0445	
CHARGES, PROPELLING	CHARGES PROPULSIVES	1.1C 1.2C 1.3C 1.4C	UN0271 UN0415 UN0272 UN0491	
CHARGES, PROPELLING, FOR CANNON	CHARGES PROPULSIVES POUR CANON	1.1C 1.2C 1.3C	UN0279 UN0414 UN0242	
CHARGES, SHAPED, without detonator	CHARGES CREUSES sans détonateur	1.1D 1.2D 1.4D 1.4S	UN0059 UN0439 UN0440 UN0441	
CHARGES, SHAPED, FLEXIBLE, LINEAR	CORDEAU DÉTONANT À SECTION PROFILÉE	1.1D 1.4D	UN0288 UN0237	
CHARGES, SUPPLEMENTARY, EXPLOSIVE	CHARGES DE RELAIS EXPLOSIFS	1.1D	UN0060	
CHEMICAL KIT	TROUSSE CHIMIQUE	9	UN3316	
CHEMICAL SAMPLE, TOXIC	ÉCHANTILLON CHIMIQUE TOXIQUE	Forbidden	UN3315	
CHEMICAL UNDER PRESSURE, N.O.S.	PRODUIT CHIMIQUE SOUS PRESSION, N.S.A.	2.2	UN3500	
CHEMICAL UNDER PRESSURE, CORROSIVE, N.O.S.	PRODUIT CHIMIQUE SOUS PRESSION, CORROSIF, N.S.A.	2.2	UN3503	
CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.	PRODUIT CHIMIQUE SOUS PRESSION, INFLAMMABLE, N.S.A.	2.1	UN3501	
CHEMICAL UNDER PRESSURE, FLAMMABLE, CORROSIVE, N.O.S.	PRODUIT CHIMIQUE SOUS PRESSION, INFLAMMABLE, CORROSIF, N.S.A.	2.1	UN3505	
CHEMICAL UNDER PRESSURE, FLAMMABLE, TOXIC, N.O.S.	PRODUIT CHIMIQUE SOUS PRESSION, INFLAMMABLE, TOXIQUE, N.S.A.	2.1	UN3504	
CHEMICAL UNDER PRESSURE, TOXIC, N.O.S.	PRODUIT CHIMIQUE SOUS PRESSION, TOXIQUE, N.S.A.	2.2	UN3502	
Chile saltpetre	Salpêtre du Chili	5.1	See UN1498	
CHLORAL, ANHYDROUS, STABILIZED	CHLORAL ANHYDRE STABILISÉ	6.1	UN2075	
CHLORATE AND BORATE MIXTURE	CHLORATE ET BORATE EN MÉLANGE	5.1	UN1458	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
CHLORATE AND MAGNESIUM CHLORIDE MIXTURE, SOLID	CHLORATE ET CHLORURE DE MAGNÉSIUM EN MÉLANGE, SOLIDE	5.1	UN1459	
CHLORATE AND MAGNESIUM CHLORIDE MIXTURE SOLUTION	CHLORATE ET CHLORURE DE MAGNÉSIUM EN MÉLANGE, EN SOLUTION	5.1	UN3407	
CHLORATES, INORGANIC, N.O.S.	CHLORATES INORGANIQUES, N.S.A.	5.1	UN1461	
CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	CHLORATES INORGANIQUES EN SOLUTION AQUEUSE, N.S.A.	5.1	UN3210	
Chlordane (see ORGANOCHLORINE PESTICIDE)	Chlordane (voir PESTICIDE ORGANOCHLORÉ)			P
Chlорfenvinphos (see ORGANOPHOSPHORUS PESTICIDE)	Chlorfenvinphos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
CHLORIC ACID, AQUEOUS SOLUTION with not more than 10% chloric acid	ACIDE CHLORIQUE EN SOLUTION AQUEUSE contenant au plus 10 % d'acide chlorique	5.1	UN2626	
Chlorinated paraffins (C <sub>10</sub> -C <sub>13</sub> )	Paraffines chlorées (C <sub>10</sub> -C <sub>13</sub> )	9	See UN3082	P
Chlorinated paraffins (C <sub>14</sub> -C <sub>17</sub> ) with more than 1% shorter chain length	Paraffines chlorées (C <sub>14</sub> -C <sub>17</sub> ) avec plus de 1 % de la longueur de chaîne la plus courte	9	See UN3082	P
CHLORINE	CHLORE	2.3	UN1017	P
CHLORINE, ADSORBED	CHLORE ADSORBÉ	2.3	UN3520	
CHLORINE AZIDE	AZOTURE DE CHLORE	Forbidden		
Chlorine cyanide, stabilized	Chlorocyanure, stabilisé; ou Cyanure de chlore, stabilisé	2.3	See UN1589	P
CHLORINE DIOXIDE HYDRATE, FROZEN	DIOXYDE DE CHLORE HYDRATÉ, GELÉ	Forbidden		
CHLORINE DIOXIDE (NOT HYDRATED)	DIOXYDE DE CHLORE (NON HYDRATÉ)	Forbidden		
CHLORINE PENTAFLUORIDE	PENTAFLUORURE DE CHLORE	2.3	UN2548	
CHLORINE TRIFLUORIDE	TRIFLUORURE DE CHLORE	2.3	UN1749	
CHLORITE SOLUTION	CHLORITE EN SOLUTION	8	UN1908	
CHLORITES, INORGANIC, N.O.S.	CHLORITES INORGANIQUES, N.S.A.	5.1	UN1462	
Chlormephos (see ORGANOPHOSPHORUS PESTICIDE)	Chlorméphos (voir PESTICIDE ORGANOCHLORÉ)			P
Chloroacetaldehyde	Aldéhyde chloracétique	6.1	See UN2232	
Chloroacetic acid	Acide chloracétique	6.1	See UN1750 See UN1751 See UN3250	
CHLOROACETIC ACID, MOLTEN	ACIDE CHLORACÉTIQUE FONDU	6.1	UN3250	
CHLOROACETIC ACID, SOLID	ACIDE CHLORACÉTIQUE SOLIDE	6.1	UN1751	
CHLOROACETIC ACID SOLUTION	ACIDE CHLORACÉTIQUE EN SOLUTION	6.1	UN1750	
CHLOROACETONE, STABILIZED	CHLORACÉTONE STABILISÉE	6.1	UN1695	P
CHLOROACETONE (UNSTABILIZED)	CHLORACÉTONE (NON-STABILISÉE)	Forbidden		
CHLOROACETONITRILE	CHLORACÉTONITRILE	6.1	UN2668	
CHLOROACETOPHENONE, LIQUID	CHLORACÉTOPHÉNONE, LIQUIDE	6.1	UN3416	
CHLOROACETOPHENONE, SOLID	CHLORACÉTOPHÉNONE, SOLIDE	6.1	UN1697	
CHLOROACETYL CHLORIDE	CHLORURE DE CHLORACÉTYLE	6.1	UN1752	
CHLOROANILINES, LIQUID	CHLORANILINES LIQUIDES	6.1	UN2019	
CHLOROANILINES, SOLID	CHLORANILINES SOLIDES	6.1	UN2018	
CHLORANISIDINES	CHLORANISIDINES	6.1	UN2233	
CHLOROBENZENE	CHLOROBENZÈNE	3	UN1134	
CHLOROBENZOTRIFLUORIDES	FLUORURES DE CHLOROBENZYLIDYNE	3	UN2234	
CHLOROBENZYL CHLORIDES, LIQUID	CHLORURES DE CHLOROBENZYLE, LIQUIDES	6.1	UN2235	P
CHLOROBENZYL CHLORIDES, SOLID	CHLORURES DE CHLOROBENZYLE, SOLIDES	6.1	UN3427	P
1-Chloro-3-bromopropane	Chloro-1 bromo-3 propane	6.1	See UN2688	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
1-Chlorobutane	Chloro-1 butane	3	See UN1127	
2-Chlorobutane	Chloro-2 butane	3	See UN1127	
CHLOROBUTANES	CHLOROBUTANES	3	UN1127	
CHLOROCRESOLS, SOLID	CHLOROCRÉSOLS SOLIDES	6.1	UN3437	
CHLOROCRESOLS SOLUTION	CHLOROCRÉSOLS EN SOLUTION	6.1	UN2669	
CHLORODIFLUOROBROMOMETHANE	BROMOCHLORODIFLUOROMÉTHANE	2.2	UN1974	
1-CHLORO-1,1-DIFLUOROETHANE	CHLORO-1 DIFLUORO-1,1 ÉTHANE	2.1	UN2517	
CHLORODIFLUOROMETHANE	CHLORODIFLUOROMÉTHANE	2.2	UN1018	
CHLORODIFLUOROMETHANE AND CHLOROPENTAFLUOROETHANE MIXTURE with fixed boiling point, with approximately 49% chlorodifluoromethane	CHLORODIFLUOROMÉTHANE ET CHLOROPENTAFLUORÉTHANE EN MÉLANGE à point d'ébullition fixe contenant environ 49 % de chlorodifluorométhane	2.2	UN1973	
3-Chloro-1,2-dihydroxypropane	Chloro-3 dihydroxy-1,2 propane	6.1	See UN2689	
Chlorodimethyl ether	Éther chlorométhylméthyle	6.1	See UN1239	
CHLORODINITROBENZENES, LIQUID	CHLORODINITROBENZÈNES LIQUIDES	6.1	UN1577	P
CHLORODINITROBENZENES, SOLID	CHLORODINITROBENZÈNES SOLIDES	6.1	UN3441	P
1-Chloro-2,3-epoxy propane	Chloro-1 époxy-2,3 propane	6.1	See UN2023	P
2-CHLOROETHANAL	CHLORO-2 ÉTHANAL	6.1	UN2232	
Chloroethane	Chloréthane	2.1	See UN1037	
Chloroethane nitrile	Chloréthane nitrile	6.1	See UN2668	
2-Chloroethanol	Chloro-2 éthanol	6.1	See UN1135	
CHLOROFORM	CHLOROFORME	6.1	UN1888	
CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.	CHLOROFORMATES TOXIQUES, CORROSIFS, N.S.A.	6.1	UN3277	
CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	CHLOROFORMATES TOXIQUES, CORROSIFS, INFLAMMABLES, N.S.A.	6.1	UN2742	
Chloromethane	Chlorométhane	2.1	See UN1063	
1-Chloro-3-methylbutane	Chloro-1 méthyl-3 butane	3	See UN1107	
2-Chloro-2-methylbutane	Chloro-2 méthyl-2 butane	3	See UN1107	
CHLOROMETHYL CHLOROFORMATE	CHLOROFORMIATE DE CHLOROMÉTHYLE	6.1	UN2745	
Chloromethyl cyanide	Cyanure de chlorométhyle	6.1	See UN2668	
CHLOROMETHYL ETHYL ETHER	ÉTHER CHLOROMÉTHYLÉTHYLIQUE	3	UN2354	
Chloromethyl methyl ether	ÉTHER MÉTHYLIQUE MONOCHLORÉ	6.1	See UN1239	
3-CHLORO-4-METHYLPHENYL ISOCYANATE, LIQUID	ISOCYANATE DE CHLORO-3 MÉTHYL-4 PHÉNYLE, LIQUIDE	6.1	UN2236	
3-CHLORO-4-METHYLPHENYL ISOCYANATE, SOLID	ISOCYANATE DE CHLORO-3 MÉTHYL-4 PHÉNYLE, SOLIDE	6.1	UN3428	
1-Chloro-2-methylpropane	Chloro-1 méthyl-2 propane	3	See UN1127	
2-Chloro-2-methylpropane	Chloro-2 méthyl-2 propane	3	See UN1127	
3-Chloro-2-methylprop-1-ene	Chloro-3 méthyl-2 propène-1	3	See UN2554	
CHLORONITROANILINES	CHLORONITRANILINES	6.1	UN2237	P
CHLORONITROBENZENES, LIQUID	CHLORONITROBENZÈNES, LIQUIDES	6.1	UN3409	
CHLORONITROBENZENES, SOLID	CHLORONITROBENZÈNES SOLIDES	6.1	UN1578	
2-Chloro-6-nitrotoluene	Chloro-2 nitro-6-toluène		See Note 1	P
CHLORONITROTOLUENES, LIQUID	CHLORONITROTOLUÈNES LIQUIDES	6.1	UN2433	P
CHLORONITROTOLUENES, SOLID	CHLORONITROTOLUÈNES SOLIDES	6.1	UN3457	P
1-Chlorooctane	Chloro-1 octane	9	See UN3082	P
CHLOROPENTAFLUOROETHANE	CHLOROPENTAFLUORÉTHANE	2.2	UN1020	
CHLOROPHENOLATES, LIQUID	CHLOROPHÉNOLATES LIQUIDES	8	UN2904	
CHLOROPHENOLATES, SOLID	CHLOROPHÉNOLATES SOLIDES	8	UN2905	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
CHLOROPHENOLS, LIQUID	CHLOROPHÉNOLS LIQUIDES	6.1	UN2021	
CHLOROPHENOLS, SOLID	CHLOROPHÉNOLS SOLIDES	6.1	UN2020	
CHLOROPHENYLTRICHLOROSILANE	CHLOROPHÉNYLTRICHLOROSILANE	8	UN1753	P
CHLOROPICRIN	CHLOROPICRINE	6.1	UN1580	P
CHLOROPICRIN AND METHYL BROMIDE MIXTURE with more than 2% chloropicrin	BROMURE DE MÉTHYLE ET CHLOROPICRINE EN MÉLANGE contenant plus de 2 % de chloropicrine	2.3	UN1581	
CHLOROPICRIN AND METHYL CHLORIDE MIXTURE	CHLORURE DE MÉTHYLE ET CHLOROPICRINE EN MÉLANGE	2.3	UN1582	
CHLOROPICRIN MIXTURE, N.O.S.	CHLOROPICRINE EN MÉLANGE, N.S.A.	6.1	UN1583	
CHLOROPLATINIC ACID, SOLID	ACIDE CHLOROPLATINIQUE SOLIDE	8	UN2507	
CHLOROPRENE, STABILIZED	CHLOROPRÈNE STABILISÉ	3	UN1991	
CHLOROPRENE, UNINHIBITED	CHLOROPRÈNE NON-STABILISÉ	Forbidden		
1-CHLOROPROPANE	CHLORO-1 PROPANE	3	UN1278	
2-CHLOROPROPANE	CHLORO-2 PROPANE	3	UN2356	
3-Chloro-propanediol-1,2	Chloro-3 propanediol-1,2	6.1	See UN2689	
3-CHLORO-PROPANOL-1	CHLORO-3 PROPANOL-1	6.1	UN2849	
2-CHLOROPROPENE	CHLORO-2 PROPÈNE	3	UN2456	
3-Chloropropene	Chloro-3 propène	3	See UN1100	
3-Chloroprop-1-ene	Chloro-3 propène	3	See UN1100	
2-CHLOROPROPIONIC ACID	ACIDE CHLORO-2 PROPIONIQUE	8	UN2511	
2-CHLOROPYRIDINE	CHLORO-2 PYRIDINE	6.1	UN2822	
CHLOROSILANES, CORROSIVE, N.O.S.	CHLOROSILANES CORROSIFS, N.S.A.	8	UN2987	
CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.	CHLOROSILANES CORROSIFS, INFLAMMABLES, N.S.A.	8	UN2986	
CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.	CHLOROSILANES INFLAMMABLES, CORROSIFS, N.S.A.	3	UN2985	
CHLOROSILANES, TOXIC, CORROSIVE, N.O.S	CHLOROSILANES TOXIQUES, CORROSIFS, N.S.A.	6.1	UN3361	
CHLOROSILANES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	CHLOROSILANES TOXIQUES, CORROSIFS, INFLAMMABLES, N.S.A.	6.1	UN3362	
CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, N.O.S.	CHLOROSILANES HYDRORÉACTIFS, INFLAMMABLES, CORROSIFS, N.S.A.	4.3	UN2988	
CHLOROSULFONIC ACID (with or without sulfur trioxide)	ACIDE CHLOROSULFONIQUE contenant ou non du trioxyde de soufre	8	UN1754	
CHLOROSULPHONIC ACID (with or without sulphur trioxide)	ACIDE CHLOROSULFONIQUE contenant ou non du trioxyde de soufre	8	UN1754	
1-CHLORO-1,2,2,2-TETRAFLUOROETHANE	CHLORO-1 TÉTRAFLUORO-1,2,2,2 ÉTHANE	2.2	UN1021	
CHLOROTOLUENES	CHLOROTOLUÈNES	3	UN2238	
meta-Chlorotoluene	meta-Chlorotoluène	3	UN2238	
ortho-Chlorotoluene	ortho-Chlorotoluène	3	UN2238	P
para-Chlorotoluene	para-Chlorotoluène	3	UN2238	
4-CHLORO-o-TOLUIDINE HYDROCHLORIDE, SOLID	CHLORHYDRATE DE CHLORO-4 o-TOLUIDINE, SOLIDE	6.1	UN1579	
4-CHLORO-o-TOLUIDINE HYDROCHLORIDE SOLUTION	CHLORHYDRATE DE CHLORO-4 o-TOLUIDINE EN SOLUTION	6.1	UN3410	
CHLOROTOLUIDINES, LIQUID	CHLOROTOLUIDINES LIQUIDES	6.1	UN3429	
CHLOROTOLUIDINES, SOLID	CHLOROTOLUIDINES SOLIDES	6.1	UN2239	
1-CHLORO-2,2,2-TRIFLUOROETHANE	CHLORO-1 TRIFLUORO-2,2,2 ÉTHANE	2.2	UN1983	
Chlorotrifluoroethylene	Chlorotrifluoroéthylène	2.3	See UN1082	
CHLOROTRIFLUOROMETHANE	CHLOROTRIFLUOROMÉTHANE	2.2	UN1022	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
CHLOROTRIFLUOROMETHANE AND TRIFLUOROMETHANE AZEOTROPIC MIXTURE with approximately 60% chlorotrifluoromethane	CHLOROTRIFLUOROMÉTHANE ET TRIFLUOROMÉTHANE EN MÉLANGE AZÉOTROPE contenant environ 60 % de chlorotrifluorométhane	2.2	UN2599	
2-Chloro-5-trifluoromethylNitrobenzene	3-Nitro-4-chlorobenzotrifluoride	6.1	See UN2307	P
Chlorpyriphos (see ORGANOPHOSPHORUS PESTICIDE)	Chlorpyriphos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Chlorthiophos (see ORGANOPHOSPHORUS PESTICIDE)	Chlorthiophos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Chromic acid, anhydrous	Acide chromique anhydre	5.1	See UN1463	
Chromic acid, solid	Acide chromique solide	5.1	See UN1463	
CHROMIC ACID SOLUTION	ACIDE CHROMIQUE EN SOLUTION	8	UN1755	
Chromic anhydride	Anhydride chromique	5.1	See UN1463	
Chromic anhydride, solid	Anhydride chromique solide	5.1	See UN1463	
CHROMIC FLUORIDE, SOLID	FLUORURE DE CHROME III SOLIDE	8	UN1756	
CHROMIC FLUORIDE SOLUTION	FLUORURE DE CHROME III EN SOLUTION	8	UN1757	
Chromic nitrate	NITRATE DE CHROME	5.1	See UN2720	
Chromium (VI) dichloride dioxide	Dioxychlorure de chrome (VI)	8	See UN1758	
Chromium (III) fluoride, solid	FLUORURE DE CHROME III SOLIDE	8	See UN1756	
CHROMIUM NITRATE	NITRATE DE CHROME	5.1	UN2720	
Chromium (III) nitrate	Nitrate de chrome (III)	5.1	See UN2720	
CHROMIUM OXYCHLORIDE	CHLORURE DE CHROMYLE	8	UN1758	
CHROMIUM TRIOXIDE, ANHYDROUS	TRIOXYDE DE CHROME ANHYDRE	5.1	UN1463	
CHROMOSULFURIC ACID	ACIDE SULFOCHROMIQUE	8	UN2240	
CHROMOSULPHURIC ACID	ACIDE SULFOCHROMIQUE	8	UN2240	
Chrysotile	Chrysotile	9	See UN2590	
CHRYSAMMINIC ACID	ACIDE CHRYSAMINIQUE	Forbidden		
Cinene	Cinène	3	See UN2052	P
Cinnamene	Cinnamène	3	See UN2055	
Cinnamol	Cinnamol	3	See UN2055	
CLINICAL WASTE, UNSPECIFIED, N.O.S.	DÉCHET D'HÔPITAL, NON SPÉCIFIÉ, N.S.A.	6.2	UN3291	
COAL BRIQUETTES, HOT	BRIQUETTES DE CHARBON, CHAUDES	Forbidden		
COAL GAS, COMPRESSED	GAZ DE HOUILLE COMPRIMÉ	2.3	UN1023	
Coal tar	Goudron de houille	9	See UN3082	P
COAL TAR DISTILLATES, FLAMMABLE	DISTILLATS DE GOUDRON DE HOUILLE, INFLAMMABLES	3	UN1136	
Coal tar naphtha	Naphte de goudron	3	See UN1268	
Coal tar oil	Huiles de goudrons de houille	3	See UN1136	
COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle undercoating, drum or barrel lining)	SOLUTION D'ENROBAGE (traitements de surface ou enrobages utilisés dans l'industrie ou à d'autres fins, tels que sous-couche pour carrosserie de véhicule, revêtement pour fûts et tonneaux)	3	UN1139	
COBALT NAPHTHENATES, POWDER	NAPHTÉNATES DE COBALT EN POUDRE	4.1	UN2001	
COBALT RESINATE, PRECIPITATED	RÉSINATE DE COBALT PRÉCIPITÉ	4.1	UN1318	
Cocculus	Cocculus	6.1	See UN3172	P
Coconitrile	Coconitrile	9	See UN3082	P
COKE, HOT, other than petroleum coke	COKE, CHAUD, autre que le cake de pétrole	Forbidden		
Collodion	Collodions	3	See UN2059	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
Collodion cottons	Coton-collodions	1.1D 1.1D 1.3C 3 4.1 4.1 4.1	See UN0340 See UN0341 See UN0342 See UN2059 See UN2555 See UN2556 See UN2557	
Colours	Couleurs	3 8	See UN1263 See UN3066	
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	COMPOSANTS DE CHAÎNE PYROTECHNIQUE, N.S.A.	1.1B 1.2B 1.4B 1.4S	UN0461 UN0382 UN0383 UN0384	
Composition B	Composition B	1.1D	See UN0118	
COMPRESSED GAS, N.O.S.	GAZ COMPRIMÉ, N.S.A	2.2	UN1956	
COMPRESSED GAS, FLAMMABLE, N.O.S.	GAZ COMPRIMÉ INFLAMMABLE, N.S.A.	2.1	UN1954	
COMPRESSED GAS, OXIDIZING, N.O.S.	GAZ COMPRIMÉ COMBURANT, N.S.A.	2.2	UN3156	
COMPRESSED GAS, TOXIC, N.O.S.	GAZ COMPRIMÉ TOXIQUE, N.S.A.	2.3	UN1955	
COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.	GAZ COMPRIMÉ TOXIQUE, CORROSIF, N.S.A.	2.3	UN3304	
COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.	GAZ COMPRIMÉ TOXIQUE, INFLAMMABLE, N.S.A.	2.3	UN1953	
COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	GAZ COMPRIMÉ TOXIQUE, INFLAMMABLE, CORROSIF, N.S.A.	2.3	UN3305	
COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.	GAZ COMPRIMÉ TOXIQUE, COMBURANT, N.S.A.	2.3	UN3303	
COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	GAZ COMPRIMÉ TOXIQUE, COMBURANT, CORROSIF, N.S.A.	2.3	UN3306	
CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	ENGINS HYDROACTIFS avec charge de dispersion, charge d'expulsion ou charge propulsive	1.2L 1.3L	UN0248 UN0249	
COPPER ACETOARSENITE	ACÉTOARSÉNITE DE CUIVRE	6.1	UN1585	P
COPPER ACETYLIDE	ACÉTYLURE DE CUIVRE	Forbidden		
COPPER AMINE AZIDE	AZOTURE DE CUIVRE AMINE	Forbidden		
COPPER ARSENITE	ARSÉNITE DE CUIVRE	6.1	UN1586	P
Copper (II) arsenite	Arsénite de cuivre (II)	6.1	See UN1586	P
COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	PESTICIDE CUIVRIQUE LIQUIDE INFLAMMABLE, TOXIQUE, ayant un point d'éclair inférieur à 23 °C	3	UN2776	
COPPER BASED PESTICIDE, LIQUID, TOXIC	PESTICIDE CUIVRIQUE LIQUIDE TOXIQUE	6.1	UN3010	
COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	PESTICIDE CUIVRIQUE LIQUIDE TOXIQUE, INFLAMMABLE, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN3009	
COPPER BASED PESTICIDE, SOLID, TOXIC	PESTICIDE CUIVRIQUE SOLIDE TOXIQUE	6.1	UN2775	
COPPER CHLORATE	CHLORATE DE CUIVRE	5.1	UN2721	
Copper (II) chlorate	Chlorate de cuivre (II)	5.1	See UN2721	
COPPER CHLORIDE	CHLORURE DE CUIVRE	8	UN2802	P
COPPER CYANIDE	CYANURE DE CUIVRE	6.1	UN1587	P
Copper metal powder	Poudre métallique de cuivre		See Note 1	P
Copper selenate	Séléniate de cuivre	6.1	See UN2630	
Copper selenite	Sélénite de cuivre	6.1	See UN2630	
Copper sulfate, anhydrous, hydrates and solutions	Sulfate de cuivre anhydre, hydrates et solutions		See Note 1	P
Copper sulphate, anhydrous, hydrates and solutions	Sulfate de cuivre anhydre, hydrates et solutions		See Note 1	P
COPPER TETRAMINE NITRATE	NITRATE DE CUIVRE TÉTRAMINE	Forbidden		
COPRA	COPRAH	4.2	UN1363	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
CORD, DETONATING, flexible	CORDEAU DÉTONANT souple	1.1D 1.4D	UN0065 UN0289	
CORD, DETONATING, metal clad	CORDEAU DÉTONANT à enveloppe métallique	1.1D 1.2D	UN0290 UN0102	
CORD, DETONATING, MILD EFFECT, metal clad	CORDEAU DÉTONANT À CHARGE RÉDUITE à enveloppe métallique	1.4D	UN0104	
CORD, IGNITER	MÈCHE À COMBUSTION RAPIDE	1.4G	UN0066	
Cordite	Cordite	1.1C 1.3C	See UN0160 See UN0161	
CORROSIVE LIQUID, N.O.S.	LIQUIDE CORROSIF, N.S.A.	8	UN1760	
CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	LIQUIDE INORGANIQUE CORROSIF, ACIDE, N.S.A.	8	UN3264	
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	LIQUIDE ORGANIQUE CORROSIF, ACIDE, N.S.A.	8	UN3265	
CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	LIQUIDE INORGANIQUE CORROSIF, BASIQUE, N.S.A.	8	UN3266	
CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	LIQUIDE ORGANIQUE CORROSIF, BASIQUE, N.S.A.	8	UN3267	
CORROSIVE LIQUID, FLAMMABLE, N.O.S.	LIQUIDE CORROSIF, INFAMMABLE, N.S.A.	8	UN2920	
CORROSIVE LIQUID, OXIDIZING, N.O.S.	LIQUIDE CORROSIF, COMBURANT, N.S.A.	8	UN3093	
CORROSIVE LIQUID, SELF-HEATING, N.O.S.	LIQUIDE CORROSIF, AUTO-ÉCHAUFFANT, N.S.A.	8	UN3301	
CORROSIVE LIQUID, TOXIC, N.O.S.	LIQUIDE CORROSIF, TOXIQUE, N.S.A.	8	UN2922	
CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.	LIQUIDE CORROSIF, HYDRORÉACTIF, N.S.A.	8	UN3094	
CORROSIVE SOLID, N.O.S.	SOLIDE CORROSIF, N.S.A.	8	UN1759	
CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	SOLIDE INORGANIQUE CORROSIF, ACIDE, N.S.A.	8	UN3260	
CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	SOLIDE ORGANIQUE CORROSIF, ACIDE, N.S.A.	8	UN3261	
CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	SOLIDE INORGANIQUE CORROSIF, BASIQUE, N.S.A.	8	UN3262	
CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	SOLIDE ORGANIQUE CORROSIF, BASIQUE, N.S.A.	8	UN3263	
CORROSIVE SOLID, FLAMMABLE, N.O.S.	SOLIDE CORROSIF, INFAMMABLE, N.S.A.	8	UN2921	
CORROSIVE SOLID, OXIDIZING, N.O.S.	SOLIDE CORROSIF, COMBURANT, N.S.A.	8	UN3084	
CORROSIVE SOLID, SELF-HEATING, N.O.S.	SOLIDE CORROSIF, AUTO-ÉCHAUFFANT, N.S.A.	8	UN3095	
CORROSIVE SOLID, TOXIC, N.O.S.	SOLIDE CORROSIF, TOXIQUE, N.S.A.	8	UN2923	
CORROSIVE SOLID, WATER-REACTIVE, N.O.S.	SOLIDE CORROSIF, HYDRORÉACTIF, N.S.A.	8	UN3096	
COTTON WASTE, OILY	DÉCHETS HUILEUX DE COTON	4.2	UN1364	
COTTON, WET	COTON HUMIDE	4.2	UN1365	
Coumachlor (see COUMARIN DERIVATIVE PESTICIDE)	Coumachlore (voir PESTICIDE COUMARINIQUE)			P
Coumaphos (see COUMARIN DERIVATIVE PESTICIDE)	Coumaphos (voir PESTICIDE COUMARINIQUE)			P
COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	PESTICIDE COUMARINIQUE LIQUIDE INFAMMABLE, TOXIQUE, ayant un point d'éclair inférieur à 23 °C	3	UN3024	
COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	PESTICIDE COUMARINIQUE LIQUIDE TOXIQUE	6.1	UN3026	
COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	PESTICIDE COUMARINIQUE LIQUIDE TOXIQUE, INFAMMABLE, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN3025	
COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC	PESTICIDE COUMARINIQUE SOLIDE TOXIQUE	6.1	UN3027	
Creosote	Créosote	6.1 9	See UN2810 See UN3082	P
Creosote salts	Sels de créosote	4.1	See UN1334	P
CRESOLS, LIQUID	CRÉSOLS LIQUIDES	6.1	UN2076	
CRESOLS, SOLID	CRÉSOLS SOLIDES	6.1	UN3455	
Cresyl diphenyl phosphate	Phosphate de crésyle et de diphenyle	9	See UN3082	P
CRESYLIC ACID	ACIDE CRÉSYLIQUE	6.1	UN2022	
Crocidolite	Crocidolite	9	See UN2212	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
CROTONALDEHYDE	CROTONALDÉHYDE; ou ALDÉHYDE CROTONIQUE	6.1	UN1143	P
CROTONALDEHYDE, STABILIZED	CROTONALDÉHYDE STABILISÉ; ou ALDÉHYDE CROTONIQUE STABILISÉ	6.1	UN1143	P
CROTONIC ACID, LIQUID	ACIDE CROTONIQUE LIQUIDE	8	UN3472	
CROTONIC ACID, SOLID	ACIDE CROTONIQUE SOLIDE	8	UN2823	
Crotonic aldehyde, stabilized	ALDÉHYDE CROTONIQUE STABILISÉ	6.1	See UN1143	P
CROTONYLENE	CROTONYLÈNE	3	UN1144	
Crotoxyphos (see ORGANOPHOSPHORUS PESTICIDE)	Crotoxyphos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Crude naphtha	Naphte brut	3	See UN1268	
Cumene	Cumène	3	See UN1918	
Cupric arsenite	Arsénite cuivrique	6.1	See UN1586	P
Cupric chlorate	Chlorate cuivre	5.1	See UN2721	
Cupric chloride	Chlorure cuivre	8	See UN2802	P
Cupric cyanide	Cyanure cuivre	6.1	See UN1587	P
Cupric sulfate	Sulfate de cuivre		See Note 1	P
Cupric sulphate	Sulfate de cuivre		See Note 1	P
CUPRIETHYLENEDIAMINE SOLUTION	CUPRIÉTHYLÉNEDIAMINE EN SOLUTION	8	UN1761	P
Cuprous chloride	Chlorure cuivreux	8	See UN2802	P
CUTTERS, CABLE, EXPLOSIVE	CISAILLES PYROTECHNIQUES EXPLOSIVES	1.4S	UN0070	
Cyanide mixture, inorganic, solid, n.o.s.	Cyanure en mélange, inorganique, solide, n.s.a.	6.1	See UN1588	P
CYANIDE SOLUTION, N.O.S.	CYANURE EN SOLUTION, N.S.A.	6.1	UN1935	P
CYANIDES, INORGANIC, SOLID, N.O.S., excluding ferricyanides and ferrocyanides	CYANURES INORGANIQUES, SOLIDES, N.S.A., à l'exception des ferricyanures et des ferrocyanures	6.1	UN1588	P
Cyanides, organic, flammable, toxic, n.o.s.	Cyanures, organiques, inflammables, toxiques, n.s.a.	3	See UN3273	
Cyanides, organic, toxic, n.o.s.	Cyanures, organiques, toxiques, n.s.a.	6.1 6.1	See UN3276 See UN3439	
Cyanides, organic, toxic, flammable, n.o.s.	Cyanures, organiques, toxiques, inflammables, n.s.a.	6.1	See UN3275	
Cyanoacetonitrile	Cyanacétonitrile	6.1	See UN2647	
CYANOGEN	CYANOGÈNE	2.3	UN1026	
CYANOGEN BROMIDE	BROMURE DE CYANOGÈNE	6.1	UN1889	P
CYANOGEN CHLORIDE, STABILIZED	CHLORURE DE CYANOGÈNE STABILISÉ	2.3	UN1589	P
Cyanophos (see ORGANOPHOSPHORUS PESTICIDE)	Cyanophos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
CYANURIC CHLORIDE	CHLORURE CYANURIQUE	8	UN2670	
CYANURIC TRIAZIDE	TRIAZOTURE CYANURIQUE	Forbidden		
CYCLOBUTANE	CYCLOBUTANE	2.1	UN2601	
CYCLOBUTYL CHLOROFORMATE	CHLOROFORMIATE DE CYCLOBUTYLE	6.1	UN2744	
1,5,9-CYCLODODECATRIENE	CYCLODODÉCATRIÈNE-1,5,9	6.1	UN2518	P
CYCLOHEPTANE	CYCLOHEPTANE	3	UN2241	P
CYCLOHEPTATRIENE	CYCLOHEPTATRÈNE	3	UN2603	
1,3,5-Cycloheptatriene	Cycloheptatriène-1,3,5	3	See UN2603	
CYCLOHEPTENE	CYCLOHEPTÈNE	3	UN2242	
1,4-Cyclohexadienedione	Cyclohexadiènedione-1,4	6.1	See UN2587	
CYCLOHEXANE	CYCLOHEXANE	3	UN1145	
Cyclohexanethiol	Cyclohexanethiol	3	See UN3054	
CYCLOHEXANONE	CYCLOHEXANONE	3	UN1915	

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CYCLOHEXENE	CYCLOHEXÈNE	3	UN2256	
4-Cyclohexene-1,2-dicarboxylic anhydride	Anhydride cyclohexène-4 dicarboxylique-1,2	8	See UN2698	
CYCLOHEXYNLTTRICHLOROSILANE	CYCLOHÉXYNLTTRICHLOROSILANE	8	UN1762	
CYCLOHEXYL ACETATE	ACÉTATE DE CYCLOHEXYLE	3	UN2243	
CYCLOHEXYLAMINE	CYCLOHEXYLAMINE	8	UN2357	
CYCLOHEXYL ISOCYANATE	ISOCYANATE DE CYCLOHEXYLE	6.1	UN2488	
CYCLOHEXYL MERCAPTAN	MERCAPTAN CYCLOHEXYLIQUE	3	UN3054	
CYCLOHEXYLTRICHLOROSILANE	CYCLOHEXYLTRICHLOROSILANE	8	UN1763	
CYCLONITE, DESENSITIZED	CYCLONITE DÉSENSIBILISÉE	1.1D	UN0483	
CYCLONITE, WETTED with not less than 15% water, by mass	CYCLONITE, HUMIDIFIÉE avec au moins 15 % (masse) d'eau	1.1D	UN0072	
CYCLONITE and CYCLOTETRAMETHYLENETRANITRAMINE MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	CYCLONITE EN MÉLANGE AVEC DE LA CYCLOTÉRAMÉTHYLÉNETRANITRAMINE, DÉSENSIBILISÉ avec au moins 10 % (masse) de flegmatisant	1.1D	UN0391	
CYCLONITE and CYCLOTETRAMETHYLENETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass	CYCLONITE EN MÉLANGE AVEC DE LA CYCLOTÉRAMÉTHYLÉNETRANITRAMINE, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0391	
CYCLONITE and HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	CYCLONITE EN MÉLANGE AVEC DU HMX, DÉSENSIBILISÉ avec au moins 10 % (masse) de flegmatisant	1.1D	UN0391	
CYCLONITE and HMX MIXTURE, WETTED with not less than 15% water, by mass	CYCLONITE EN MÉLANGE AVEC DU HMX, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0391	
CYCLONITE and OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	CYCLONITE EN MÉLANGE AVEC DE L'OCTOGÈNE, DÉSENSIBILISÉ avec au moins 10 % (masse) de flegmatisant	1.1D	UN0391	
CYCLONITE and OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass	CYCLONITE EN MÉLANGE AVEC DE L'OCTOGÈNE, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0391	
CYCLOOCTADIENES	CYCLOOCTADIÈNES	3	UN2520	
CYCLOOCTADIENE PHOSPHINES	CYCLOOCTADIÈNE PHOSPHINES	4.2	UN2940	
CYCLOOCTATETRAENE	CYCLOOCTATÉTRAÈNE	3	UN2358	
CYCLOPENTANE	CYCLOPENTANE	3	UN1146	
CYCLOPENTANOL	CYCLOPENTANOL	3	UN2244	
CYCLOPENTANONE	CYCLOPENTANONE	3	UN2245	
CYCLOPENTENE	CYCLOPENTÈNE	3	UN2246	
CYCLOPROPANE	CYCLOPROPANE	2.1	UN1027	
CYCLOTETRAMETHYLENETRANITRAMINE (DRY) or unphlegmatized	CYCLOTÉRAMÉTHYLÉNETRANITRAMINE (SÈCHE) ou non-flegmatisée	Forbidden		
CYCLOTETRAMETHYLENETRANITRAMINE, DESENSITIZED	CYCLOTÉRAMÉTHYLÉNETRANITRAMINE DÉSENSIBILISÉE	1.1D	UN0484	
CYCLOTETRAMETHYLENETRANITRAMINE, WETTED with not less than 15% water, by mass	CYCLOTÉRAMÉTHYLÉNETRANITRAMINE, HUMIDIFIÉE avec au moins 15 % (masse) d'eau	1.1D	UN0226	
CYCLOTRIMETHYLENETRINITRAMINE, DESENSITIZED	CYCLOTRIMÉTHYLÉNETRINITRAMINE, DÉSENSIBILISÉE	1.1D	UN0483	
CYCLOTRIMETHYLENETRINITRAMINE, WETTED with not less than 15% water, by mass	CYCLOTRIMÉTHYLÉNETRINITRAMINE, HUMIDIFIÉE avec au moins 15 % (masse) d'eau	1.1D	UN0072	
CYCLOTRIMETHYLENETRINITRAMINE AND CYCLOTETRAMETHYLENETRANITRAMINE MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	CYCLOTRIMÉTHYLÉNETRINITRAMINE EN MÉLANGE AVEC DE LA CYCLOTÉRAMÉTHYLÉNETRANITRAMINE, DÉSENSIBILISÉ avec au moins 10 % (masse) de flegmatisant	1.1D	UN0391	
CYCLOTRIMETHYLENETRINITRAMINE AND CYCLOTETRAMETHYLENETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass	CYCLOTRIMÉTHYLÉNETRINITRAMINE EN MÉLANGE AVEC DE LA CYCLOTÉRAMÉTHYLÉNETRANITRAMINE, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0391	

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CYCLOTRIMETHYLENENITRITRAMINE AND HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	CYCLOTRIMÉTHYLÈNETRINITRAMINE EN MÉLANGE AVEC DU HMX, DÉSENSIBILISÉ avec au moins 10 % (masse) de flegmatisant	1.1D	UN0391	
CYCLOTRIMETHYLENENITRITRAMINE AND HMX MIXTURE, WETTED with not less than 15% water, by mass	CYCLOTRIMÉTHYLÈNETRINITRAMINE EN MÉLANGE AVEC DU HMX, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0391	
CYCLOTRIMETHYLENENITRITRAMINE AND OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	CYCLOTRIMÉTHYLÈNETRINITRAMINE EN MÉLANGE AVEC DE L'OCTOGÈNE, DÉSENSIBILISÉ avec au moins 10 % (masse) de flegmatisant	1.1D	UN0391	
CYCLOTRIMETHYLENENITRITRAMINE AND OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass	CYCLOTRIMÉTHYLÈNETRINITRAMINE EN MÉLANGE AVEC DE L'OCTOGÈNE, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0391	
Cyhexatin (see ORGANOTIN PESTICIDE)	Cyhexatin (voir PESTICIDE ORGANOSTANNIQUE)			P
CYMENES	CYMÈNES	3	UN2046	P
Cymol	Cymol	3	See UN2046	P
Cypermethrin (see PYRETHROID PESTICIDE)	Cyperméthrine (voir PYRÉTHROÏDE PESTICIDE)			P
DANGEROUS GOODS IN APPARATUS	MARCHANDISES DANGEREUSES CONTENUES DANS DES APPAREILS	9	UN3363	
DANGEROUS GOODS IN MACHINERY	MARCHANDISES DANGEREUSES CONTENUES DANS DES MACHINES	9	UN3363	
DDT (see ORGANOCHLORINE PESTICIDE)	DDT (voir PESTICIDE ORGANOCHLORÉ)			P
Deanol	Déanol	8	See UN2051	
DECABORANE	DÉCABORANE	4.1	UN1868	
DECAHYDRONAPHTHALENE	DÉCAHYDRONAPHTHALÈNE	3	UN1147	
Decalin	Décaline	3	See UN1147	
Decaldehyde	n-Décaldéhyde	9	See UN3082	P
n-DECANE	n-DÉCANE	3	UN2247	
Decyl acrylate	Acrylate de décyle	9	See UN3082	P
Decycloxytetrahydrothiophene dioxide	Dioxyde de décycloxytétrahydrothiophène		See Note 1	P
DEF (see ORGANOPHOSPHORUS PESTICIDE)	DEF (voir PESTICIDE ORGANOCHLORÉ)			P
DEFLAGRATING METAL SALTS OF AROMATIC NITRODERIVATIVES, N.O.S.	SELS MÉTALLIQUES DÉFLAGRANTS DE DÉRIVÉS NITRÉS AROMATIQUES, N.S.A.	1.3C	UN0132	
Depth charge	CHARGES SOUS-MARINES	1.1D	See UN0056	
DESENSITIZED EXPLOSIVE, LIQUID, N.O.S.	LIQUIDE EXPLOSIBLE DÉSENSIBILISÉ, N.S.A.	3	UN3379	
DESENSITIZED EXPLOSIVE, SOLID, N.O.S.	SOLIDE EXPLOSIBLE DÉSENSIBILISÉ, N.S.A.	4.1	UN3380	
Desmedipharm	Desmédipharm		See Note 1	P
Detonating relays	Relais détonants	1.1B 1.1B 1.4B 1.4B 1.4S 1.4S	See UN0029 See UN0360 See UN0267 See UN0361 See UN0455 See UN0500	
DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	ASSEMBLAGES DE DÉTONATEURS de mine (de sautage) NON ÉLECTRIQUES	1.1B 1.4B 1.4S	UN0360 UN0361 UN0500	
DETONATORS, ELECTRIC for blasting	DÉTONATEURS de mine (de sautage) ÉLECTRIQUES	1.1B 1.4B 1.4S	UN0030 UN0255 UN0456	
DETONATORS FOR AMMUNITION	DÉTONATEURS POUR MUNITIONS	1.1B 1.2B 1.4B 1.4S	UN0073 UN0364 UN0365 UN0366	

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DETONATORS, NON-ELECTRIC for blasting	DÉTONATEURS de mine (de sautage) NON ÉLECTRIQUES	1.1B 1.4B 1.4S	UN0029 UN0267 UN0455	
DEUTERIUM, COMPRESSED	DEUTÉRIUM COMPRIMÉ	2.1	UN1957	
DEVICES, SMALL, HYDROCARBON GAS POWERED with release device	PETITS APPAREILS À HYDROCARBURES GAZEUX avec dispositif de décharge	2.1	UN3150	
DIACETONE ALCOHOL	DIACÉTONE-ALCOOL	3	UN1148	
DIACETONE ALCOHOL PEROXIDES, with more than 57% in solution with more than 9% hydrogen peroxide, less than 26% diacetone alcohol and less than 9% water: total active oxygen content more than 9% by mass	PEROXYDES DE DIACÉTONE-ALCOOL, avec plus de 57% en solution avec plus de 9% de peroxyde d'hydrogène, moins de 26% de diacétone-alcool et moins de 9% d'eau; avec contenu d'oxygène actif total de plus de 9% (masse)	Forbidden		
Diacetyl	Diacétyle	3	See UN2346	P
DIACETYL PEROXIDE, SOLID, or with more than 25% in solution	PEROXYDE DE DIACÉTYLE, SOLIDE, ou avec plus de 25 % en solution	Forbidden		
Dialifos (see ORGANOPHOSPHORUS PESTICIDE)	Dialifos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Diallate (see PESTICIDE, N.O.S.)	Diallate (voir PESTICIDE, N.S.A.)			P
DIALYLAMINE	DIALYLAMINE	3	UN2359	
DIALYL ETHER	ÉTHER DIALYLIQUE	3	UN2360	
4,4'-DIAMINODIPHENYLMETHANE	DIAMINO-4,4' DIPHÉNYLMÉTHANE	6.1	UN2651	P
1,2-Diaminoethane	Diamino-1,2 éthane	8	See UN1604	
Diaminopropylamine	Diaminopropylamine	8	See UN2269	
DI-n-AMYLAMINE	DI-n-AMYLAMINE	3	UN2841	
p-DIAZIDOBENZENE	p-DIAZIDOBENZÈNE	Forbidden		
1,2-DIAZIDOETHANE	DIAZIDO-1,2 ÉTHANE	Forbidden		
Diazinon (see ORGANOPHOSPHORUS PESTICIDE)	Diazinon (voir PESTICIDE ORGANOPHOSPHORÉ)			P
1,1-DIAZOAMINONAPHTHALENE	DIAZO-1,1' AMINONAPHTHALÈNE	Forbidden		
DIAZOAMINOTETRAZOLE (DRY)	DIAZOAMINOTÉTRAZOLE (SEC)	Forbidden		
DIAZODINITROPHENOL (DRY)	DIAZODINITROPHÉNOL (SEC)	Forbidden		
DIAZODINITROPHENOL, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	DIAZODINITROPHÉNOL HUMIDIFIÉ avec au moins 40 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1A	UN0074	
Dibenzopyridine	Dibenzopyridine	6.1	See UN2713	
DIAZODIPHENYLMETHANE	DIAZODIPHÉNYLMÉTHANE	Forbidden		
DIAZONIUM NITRATES (DRY)	NITRATES DE DIAZONIUM (SEC)	Forbidden		
DIAZONIUM PERCHLORATES (DRY)	PERCHLORATES DE DIAZONIUM (SEC)	Forbidden		
1,3-DIAZOPROPANE	DIAZO-1,3 PROPANE	Forbidden		
DIBENZYLDICHLOROSILANE	DIBENZYLDICHLOROSILANE	8	UN2434	
DIBENZYL PEROXYDICARBONATE, with more than 87% with water	PEROXYDICARBONATE DE DIBENZYLE, avec plus de 87 % avec de l'eau	Forbidden		
DIBORANE	DIBORANE	2.3	UN1911	
DIBROMOACETYLENE	DIBROMACÉTYLÈNE	Forbidden		
1,3-Dibromobenzene	Dibromo-1,3 benzène	9	See UN3082	P
1,2-DIBROMOBUTAN-3-ONE	DIBROMO-1,2 BUTANONE-3	6.1	UN2648	
DIBROMOCHLOROPROPANES	DIBROMOCHLOROPROPANES	6.1	UN2872	
1,2-Dibromo-3-chloropropane	Dibromo-1,2 chloro-3 propane	6.1	See UN2872	
DIBROMODIFLUOROMETHANE	DIBROMODIFLUOROMÉTHANE	9	UN1941	
DIBROMOMETHANE	DIBROMOMÉTHANE	6.1	UN2664	
DI-n-BUTYLAMINE	DI-n-BUTYLAMINE	8	UN2248	
DIBUTYLAMINOETHANOL	DIBUTYLAMINOÉTHANOL	6.1	UN2873	
2-Dibutylaminoethanol	Dibutylamino-2 éthanol	6.1	See UN2873	

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<i>N,N</i> -Di- <i>n</i> -butylaminoethanol	<i>N,N</i> -Di- <i>n</i> -Butylaminoéthanol	6.1	See UN2873	
1,4-Di- <i>tert</i> -butylbenzene	1,4-Di- <i>tert</i> -butylbenzène	9	See UN3077	P
DIBUTYL ETHERS	ÉTHERS BUTYLIQUES	3	UN1149	
Di- <i>normal</i> -butyl ketone	Dibutylcétone	3	See UN1224	P
2,2-DI-( <i>tert</i> -BUTYLPEROXY) BUTANE, with more than 55% in solution	Di-( <i>tert</i> -BUTYLPEROXY)-2,2 BUTANE, avec plus de 55 % en solution	Forbidden		
DI- <i>n</i> -BUTYL PEROXYDICARBONATE, with more than 52% in solution	PEROXYDICARBONATE DE DI- <i>n</i> -BUTYLE, avec plus de 52 % en solution	Forbidden		
DI-( <i>tert</i> -BUTYLPEROXY) PHTHALATE, with more than 55% in solution	DIPEROXYPHTHALATE DE <i>tert</i> -BUTYLE, avec plus de 55 % en solution	Forbidden		
Di- <i>n</i> -butyl phthalate	Phthalate de di- <i>n</i> -butyle	9	See UN3082	P
Dichlofenthion (see ORGANOPHOSPHORUS PESTICIDE)	Dichlofenthion (voir PESTICIDE ORGANOPHOSPHORÉ)			P
<i>N,N</i> '-DICHLORAZODICARBONAMIDINE (SALTS OF), (DRY)	<i>N,N</i> '-DICHLORAZODICARBONAMIDINE (SELS DE), (SECS)	Forbidden		
DICHLOROACETIC ACID	ACIDE DICHLORACÉTIQUE	8	UN1764	
1,3-DICHLOROACETONE	DICHLORO-1,3 ACÉTONE	6.1	UN2649	
DICHLOROACETYL CHLORIDE	CHLORURE DE DICHLORACÉTYLE	8	UN1765	
DICHLOROACETYLENE	DICHLOROACÉTYLÈNE	Forbidden		
DICHLOROANILINES, LIQUID	DICHLORANILINES LIQUIDES	6.1	UN1590	P
DICHLOROANILINES, SOLID	DICHLORANILINES SOLIDES	6.1	UN3442	P
<i>o</i> -DICHLOROBENZENE	<i>o</i> -DICHLOROBENZÈNE	6.1	UN1591	
1,3-Dichlorobenzene	Dichloro-1,3 benzène	6.1	See UN2810	P
1,4-Dichlorobenzene	Dichloro-1,4 benzène	9	See UN3082	P
<i>meta</i> -Dichlorobenzene	<i>m</i> -Dichlorobenzène	6.1	See UN2810	P
<i>para</i> -Dichlorobenzene	<i>p</i> -Dichlorobenzène	9	See UN3082	P
2,2-DICHLORODIETHYL ETHER	ÉTHER DICHLORO-2,2' DIÉTHYLIQUE	6.1	UN1916	P
DICHLORODIFLUOROMETHANE	DICHLORODIFLUOROMÉTHANE	2.2	UN1028	
DICHLORODIFLUOROMETHANE AND DIFLUOROETHANE AZEOTROPIC MIXTURE with approximately 74% dichlorodifluoromethane	DICHLORODIFLUOROMÉTHANE ET DIFLUORÉTHANE EN MÉLANGE AZÉOTROPE contenant environ 74 % de dichlorodifluorométhane	2.2	UN2602	
Dichlorodifluoromethane and ethylene oxide mixture with not more than 12.5% ethylene oxide	Dichlorodifluorométhane et oxyde d'éthylène, mélange de, contenant au plus 12,5 % d'oxyde d'éthylène	2.2	See UN3070	
DICHLORODIMETHYL ETHER, SYMMETRICAL	ÉTHER DICHLORODIMÉTHYLIQUE, SYMÉTRIQUE	Forbidden	UN2249	
1,1-DICHLOROETHANE	DICHLORO-1,1 ÉTHANE	3	UN2362	
1,2-Dichloroethane	Dichloro-1,2 éthane	3	See UN1184	
1,2-DICHLOROETHYLENE	DICHLORO-1,2 ÉTHYLÈNE	3	UN1150	
1,1-Dichloroethylene, stabilized	Dichloro-1,1 éthylène, stabilisé	3	See UN1303	P
Di(2-chloroethyl) ether	Oxyde de bis (chloro-2 éthyle) ou Oxyde de chloréthyle	6.1	See UN1916	P
DICHLOROETHYL SULFIDE	SULFURE DE DICHLOROÉTHYLE	Forbidden		
DICHLOROETHYL SULPHIDE	SULFURE DE DICHLOROÉTHYLE	Forbidden		
DICHLOROFLUOROMETHANE	DICHLOROFUOROMÉTHANE	2.2	UN1029	
1,6-Dichlorohexane	Dichloro-1,6 hexane	9	See UN3082	P
<i>alpha</i> -Dichlorohydrin	<i>alpha</i> -Dichlorhydrine	6.1	See UN2750	
DICHLOROISOCYANURIC ACID, DRY	ACIDE DICHLOROISOCYANURIQUE SEC	5.1	UN2465	
DICHLOROISOCYANURIC ACID SALTS, except dihydrated sodium salts	SELS DE L' ACIDE DICHLOROISOCYANURIQUE, à l'exception des sels de sodium dihydratés	5.1	UN2465	
DICHLOROISOPROPYL ETHER	ÉTHER DICHLOROISOPROPYLIQUE	6.1	UN2490	
DICHLOROMETHANE	DICHLOROMÉTHANE	6.1	UN1593	

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1,1-DICHLORO-1-NITROETHANE	DICHLORO-1,1 NITRO-1 ÉTHANE	6.1	UN2650	
DICHLOROPENTANES	DICHLOROPENTANES	3	UN1152	
Dichlorophenol	Dichlorophénol	6.1	See UN2020 See UN2021	
2,4-Dichlorophenol	Dichlorophénol-2,4	6.1	UN2020	P
DICHLOROPHENYL ISOCYANATES	ISOCYANATES DE DICHLOROPHÉNYLE	6.1	UN2250	
DICHLOROPHENYLTRICHLOROSILANE	DICHLOROPHÉNYLTRICHLOROSILANE	8	UN1766	P
1,2-DICHLOROPROPANE	DICHLORO-1,2 PROPANE	3	UN1279	
1,3-DICHLOROPROPANOL-2	DICHLORO-1,3 PROPANOL-2	6.1	UN2750	
1,3-Dichloro-2-propanone	Dichloro-1,3 propanone-2	6.1	See UN2649	
DICHLOROPROPENES	DICHLOROPROPÈNES	3	UN2047	
1,3-Dichloropropene	1,3-Dichloropropène	3	UN2047	P
DICHLOROSILANE	DICHLOROSILANE	2.3	UN2189	
1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE	DICHLORO-1,2 TÉTRAFLUORO-1,1,2,2 ÉTHANE	2.2	UN1958	
Dichloro-s-triazine-2,4,6-trione	Dichloro s-triazine trione-2,4,6	5.1	See UN2465	
DICHLOROVINYLCHLORARSINE	DICHLOROVINYLCHLORARSINE	Forbidden		
Dichlorvos (see ORGANOPHOSPHORUS PESTICIDE)	Dichlorvos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Diclofop-methyl	Diclofop méthyl		See Note 1	P
Dicrotophos (see ORGANOPHOSPHORUS PESTICIDE)	Dicrotophos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
1,4-Dicyanobutane	Dicyano-1,4 butane	6.1	See UN2205	
Dicycloheptadiene	Dicycloheptadiène	3	See UN2251	
DICYCLOHEXYLAMINE	DICYCLOHEXYLAMINE	8	UN2565	
Dicyclohexylamine nitrite	Nitrite de dicyclohexylamine	4.1	See UN2687	
DICYCLOHEXYLAMMONIUM NITRITE	NITRITE DE DICYCLOHEXYLAMMONIUM	4.1	UN2687	
DICYCLOPENTADIENE	DICYCLOPENTADIÈNE	3	UN2048	
2,2-DI-(4,4-DI-tert-BUTYLPEROXCYCLOHEXYL) PROPANE, with more than 42% with inert solid	Di-(Di-tert-BUTYLPEROXCYCLOHEXYL-4,4)-2,2 PROPANE, avec plus de 42 % avec solide inerte	Forbidden		
DI-2,4-DICHLOROBENZOYL PEROXIDE, with more than 75% with water	PEROXYDE DE DI-(DICHLORO-2,4 BENZOYLE), avec plus de 75 % et avec de l'eau	Forbidden		
1,2-DI-(DIMETHYLAMINO) ETHANE	BIS (DIMÉTHYLAMINO)-1,2 ÉTHANE	3	UN2372	
DIDYMUM NITRATE	NITRATE DE DIDYME	5.1	UN1465	
Dieldrin (see ORGANOCHLORINE PESTICIDE)	Diéldrine (voir PESTICIDE ORGANOCHLORÉ)			P
DIESEL FUEL	DIESEL	3	UN1202	
DIETHANOL NITROSAMINE DINITRATE (DRY)	DINITRATE DE DIÉTHANOL NITROSAMINE (SEC)	Forbidden		
1,1-Diethoxyethane	Diéthoxy-1,1 éthane	3	See UN1088	
1,2-Diethoxyethane	Diéthoxy-1,2 éthane	3	See UN1153	
DIETHOXYMETHANE	DIÉTHOXYMÉTHANE	3	UN2373	
3,3-DIETHOXYPROPENE	DIÉTHOXY-3,3 PROPÈNE	3	UN2374	
DIETHYLAMINE	DIÉTHYLAMINE	3	UN1154	
2-DIETHYLAMINOETHANOL	DIÉTHYLAMINO-2 ÉTHANOL	8	UN2686	
3-DIETHYLAMINOPROPYLAMINE	3-DIÉTHYLAMINOPROPYLAMINE	3	UN2684	
N,N-DIETHYLANILINE	N,N-DIÉTHYLANILINE	6.1	UN2432	
DIETHYLBENZENE	DIÉTHYLBENZÈNE	3	UN2049	
Diethylcarbinol	Diéthylcarbinol	3	See UN1105	
DIETHYL CARBONATE	CARBONATE D'ÉTHYLE	3	UN2366	
DIETHYLDICHLOROSILANE	DIÉTHYLDICHLOROSILANE	8	UN1767	
Diethylenediamine	Diéthylénediamine	8	See UN2579	
DIETHYLENEGLYCOL DINITRATE (DRY)	DINITRATE DE DIÉTHYLÉNEGLYCOL (SEC)	Forbidden		

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DIETHYLENEGLYCOL DINITRATE, DESENSITIZED with not less than 25% non-volatile, water-insoluble phlegmatizer, by mass	DINITRATE DE DIÉTHYLENEGLYCOL DÉSENSIBILISÉ avec au moins 25 % (masse) de flegmatisant non volatil insoluble dans l'eau	1.1D	UN0075	
DIETHYLENETRIAMINE	DIÉTHYLÉNETRIAMINE	8	UN2079	
N,N-Diethyllethanamine	N,N-Diéthyléthanamine	8	See UN2686	
DIETHYL ETHER	ÉTHER DIÉTHYLIQUE	3	UN1155	
N,N-DIETHYLETHYLENEDIAMINE	N,N-DIÉTHYLÉTHYLÉNEDIAMINE	8	UN2685	
DIETHYLGOLD BROMIDE	BROMURE D'OR DIÉTHYLE	Forbidden		
Di-(2-ethylhexyl) phosphoric acid	Acide di(2-éthylhexyl)phosphorique	8	See UN1902	
DIETHYL KETONE	DIÉTHYLCÉTONE	3	UN1156	
DIETHYL PEROXYDICARBONATE, with more than 27% in solution	PEROXYDICARBONATE DE DIÉTHYLE, avec plus de 27 % en solution	Forbidden		
DIETHYL SULFATE	SULFATE DE DIÉTHYLE	6.1	UN1594	
DIETHYL SULFIDE	SULFURE D'ÉTHYLE	3	UN2375	
DIETHYL SULPHATE	SULFATE DE DIÉTHYLE	6.1	UN1594	
DIETHYL SULPHIDE	SULFURE D'ÉTHYLE	3	UN2375	
DIETHYLTHIOPHOSPHORYL CHLORIDE	CHLORURE DE DIÉTHYLTHIOPHOSPHORYLE	8	UN2751	
Diethylzinc	Diéthylzinc	4.2	See UN3394	
2,4-Difluoroaniline	Difluoro-2,4 aniline	6.1	See UN2941	
Difluorochloroethane	Difluorochloroéthane	2.1	See UN2517	
1,1-DIFLUOROETHANE	DIFLUORO-1,1 ÉTHANE	2.1	UN1030	
1,1-DIFLUOROETHYLENE	DIFLUORO-1,1 ÉTHYLÈNE	2.1	UN1959	
DIFLUOROMETHANE	DIFLUOROMÉTHANE	2.1	UN3252	
Difluoromethane, pentafluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 10% difluoromethane and 70% pentafluoroethane	Difluorométhane, pentafluoroéthane et tétrafluoro-1,1,1,2 éthane, en mélange zéotropique avec environ 10 % de difluorométhane et 70 % de pentafluoroéthane	2.2	See UN3339	
Difluoromethane, pentafluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 20% difluoromethane and 40% pentafluoroethane	Difluorométhane, pentafluoroéthane et tétrafluoro-1,1,1,2 éthane, en mélange zéotropique avec environ 20 % de difluorométhane et 40 % de pentafluoroéthane	2.2	See UN3338	
Difluoromethane, pentafluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 23% difluoromethane and 25% pentafluoroethane	Difluorométhane, pentafluoroéthane et tétrafluoro-1,1,1,2 éthane, en mélange zéotropique avec environ 23 % de difluorométhane et 25 % de pentafluoroéthane	2.2	See UN3340	
DIFLUOROPHOSPHORIC ACID, ANHYDROUS	ACIDE DIFLUOROPHOSPHORIQUE ANHYDRE	8	UN1768	
2,3-DIHYDROPYRAN	DIHYDRO-2,3 PYRANNE	3	UN2376	
1,8-DIHYDROXY-2,4,5,7-TETRANITROANTHRAQUINONE	DIHYDROXY-1,8 TÉTRANITRO-2,4,5,7 ANTHRAQUINONE	Forbidden		
DI-(1-HYDROXYTETRAZOLE) (DRY)	DI-(HYDROXY-1 TÉTRAZOLE) (SEC)	Forbidden		
DIODOACETYLENE	DIODOACÉTYLÈNE	Forbidden		
DIISOBUTYLAMINE	DIISOBUTYLAMINE	3	UN2361	
DIISOBUTYLENE, ISOMERIC COMPOUNDS	COMPOSÉS ISOMÉRIQUES DU DIISOBUTYLÈNE	3	UN2050	
alpha-Diisobutylene	Diisobutylène, composés isomériques du	3	See UN2050	
beta-Diisobutylene	Diisobutylène, composés isomériques du	3	See UN2050	
DIISOBUTYL KETONE	DIISOBUTYLCÉTONE	3	UN1157	
DIISOCTYL ACID PHOSPHATE	PHOSPHATE ACIDE DE DIISOCTYLE	8	UN1902	
DIISOPROPYLAMINE	DIISOPROPYLAMINE	3	UN1158	
DIISOPROPYLBENZENE HYDROPEROXIDE, with more than 72% in solution	HYDROPEROXYDE DE DIISOPROPYLBENZÈNE, avec plus de 72 % en solution	Forbidden		
Diisopropylbenzenes	Diisopropylbenzènes	9	See UN3082	P
DIISOPROPYL ETHER	ÉTHER ISOPROPYLIQUE	3	UN1159	
Diisopropylnaphthalenes, mixed isomers	Diisopropylnaphthalènes, isomères mixtes	9	See UN3082	P
DIKETENE, STABILIZED	DICÉTÈNE STABILISÉ	6.1	UN2521	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
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Dimethoate (see ORGANOPHOSPHORUS PESTICIDE)	Diméthoate (voir PESTICIDE ORGANOPHOSPHORÉ)			P
1,1-DIMETHOXYETHANE	DIMÉTHOXY-1,1 ÉTHANE	3	UN2377	
1,2-DIMETHOXYETHANE	DIMÉTHOXY-1,2 ÉTHANE	3	UN2252	
Dimethoxystrychnine	Diméthoxystrychnine	6.1	See UN1570	
DIMETHYLAMINE, ANHYDROUS	DIMÉTHYLAMINE ANHYDRE	2.1	UN1032	
DIMETHYLAMINE, AQUEOUS SOLUTION	DIMÉTHYLAMINE EN SOLUTION AQUEUSE	3	UN1160	
2-DIMETHYLAMINOACETONITRILE	DIMÉTHYLAMINOACÉTONITRILE	3	UN2378	
2-DIMETHYLAMINOETHANOL	DIMÉTHYLAMINO-2 ÉTHANOL	8	UN2051	
2-DIMETHYLAMINOETHYL ACRYLATE	ACRYLATE DE 2-DIMÉTHYLAMINOÉTHYLE	6.1	UN3302	
2-DIMETHYLAMINOETHYL METHACRYLATE	MÉTHACRYLATE DE 2-DIMÉTHYLAMINOÉTHYLE	6.1	UN2522	
N,N-DIMETHYLANILINE	N,N-DIMÉTHYLANILINE	6.1	UN2253	
Dimethylarsenic acid	Acide diméthylarsinique	6.1	See UN1572	
N,N-Dimethylbenzylamine	N,N-Diméthylbenzylamine	8	See UN2619	
2,3-DIMETHYLBUTANE	DIMÉTHYL-2,3 BUTANE	3	UN2457	
1,3-DIMETHYLBUTYLAMINE	DIMÉTHYL-1,3 BUTYLAMINE	3	UN2379	
DIMETHYLCARBAMOYL CHLORIDE	CHLORURE DE DIMÉTHYLCARBAMOYLE	8	UN2262	
DIMETHYL CARBONATE	CARBONATE DE MÉTHYLE	3	UN1161	
DIMETHYLCYCLOHEXANES	DIMÉTHYLCYCLOHEXANES	3	UN2263	
DIMETHYLCYCLOHEXYLAMINE	DIMÉTHYLCYCLOHEXYLAMINE	8	UN2264	
DIMETHYLDICHLOROSILANE	DIMÉTHYLDICHLOROSILANE	3	UN1162	
DIMETHYLDIETHOXYSILANE	DIMÉTHYLDIÉTHOXYSILANE	3	UN2380	
2,5-DIMETHYL-2,5-DIHYDROPEROXY HEXANE, with more than 82% with water	DIMÉTHYL-2,5 (DIHYDROPEROXY)-2,5 HEXANE, avec plus de 82 % d'eau	Forbidden		
DIMETHYLDIOXANES	DIMÉTHYLDIOXANNES	3	UN2707	
DIMETHYL DISULFIDE	DISULFURE DE DIMÉTHYLE	3	UN2381	P
DIMETHYL DISULPHIDE	DISULFURE DE DIMÉTHYLE	3	UN2381	P
N,N-Dimethyldodecylamine	N,N-Diméthyldodécyamine		See Note 1	P
Dimethyllethanolamine	Diméthyléthanolamine	8	See UN2051	
DIMETHYL ETHER	ÉTHER MÉTHYLIQUE	2.1	UN1033	
N,N-DIMETHYLFORMAMIDE	N,N-DIMÉTHYLFORMAMIDE	3	UN2265	
DIMETHYLHEXANE DIHYDROPEROXIDE (DRY)	DIHYDROPEROXYDE DE DIMÉTHYLHEXANE (SEC)	Forbidden		
1,1-Dimethylhydrazine	Diméthyl-1,1 hydrazine	6.1	See UN1163	P
1,2-Dimethylhydrazine	Diméthyl-1,2 hydrazine	6.1	See UN2382	P
DIMETHYLHYDRAZINE, SYMMETRICAL	DIMÉTHYLHYDRAZINE SYMÉTRIQUE	6.1	UN2382	P
DIMETHYLHYDRAZINE, UNSYMMETRICAL	DIMÉTHYLHYDRAZINE ASYMÉTRIQUE	6.1	UN1163	P
N,N-Dimethyl-4-nitroaniline	Nitroso-4 N,N-diméthylaniline	4.2	See UN1369	
2,2-DIMETHYLPROPANE	DIMÉTHYL-2,2 PROPANE	2.1	UN2044	
DIMETHYL-N-PROPYLAMINE	N,N-DIMÉTHYLPROPYLAMINE	3	UN2266	
DIMETHYL SULFATE	SULFATE DE DIMÉTHYLE	6.1	UN1595	
DIMETHYL SULFIDE	SULFURE DE MÉTHYLE	3	UN1164	
DIMETHYL SULPHATE	SULFATE DE DIMÉTHYLE	6.1	UN1595	
DIMETHYL SULPHIDE	SULFURE DE MÉTHYLE	3	UN1164	
DIMETHYL THIOPHORYL CHLORIDE	CHLORURE DE DIMÉTHYLTHIOPHORYLE	6.1	UN2267	
Dimethylzinc	Diméthylzinc	4.2	See UN3394	
DI-(1-NAPHTHOYL) PEROXIDE	PEROXYDE DE DI(NAPHTHOYL-1)	Forbidden		
DINGU	DINGU	1.1D	UN0489	
DINITROANILINES	DINITRANILINES	6.1	UN1596	

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DINITROBENZENES, LIQUID	DINITROBÉNÈNES LIQUIDES	6.1	UN1597	
DINITROBENZENES, SOLID	DINITROBÉNÈNES SOLIDES	6.1	UN3443	
Dinitrochlorobzenes, liquid	Dinitrochlorobenzènes liquides	6.1	See UN1577	P
Dinitrochlorobzenes, solid	Dinitrochlorobenzènes solides	6.1	See UN3441	P
DINITRO-o-CRESOL	DINITRO-o-CRÉSOL	6.1	UN1598	P
DINITRO-7,8-DIMETHYLGlyCOLURIL (DRY)	DINITRO-DIMÉTHYL-7,8 GLYCOLURILE (SEC)	Forbidden		
1,3-DINITRO-5,5-DIMETHYL HYDANTOIN	DINITRO-1,3 DIMÉTHYL-5,5 HYDANTOÏNE	Forbidden		
1,3-DINITRO-4,5-DINITROSOBENZENE	DINITRO-1,3 DINITROSO-4,5 BENZÈNE	Forbidden		
1,1-DINITROETHANE (DRY)	DINITRO-1,1 ÉTHANE (SEC)	Forbidden		
1,2-DINITROETHANE	DINITRO-1,2 ÉTHANE	Forbidden		
DINITROGEN TETROXIDE	TÉTROXYDE DE DIAZOTE	2.3	UN1067	
DINITROGLYCOLURIL	DINITROGLYCOLURILE	1.1D	UN0489	
DINITROMETHANE	DINITROMÉTHANE	Forbidden		
Dinitrophenates (class 1)	Dinitrophénates (classe 1)	1.3C	See UN0077	P
Dinitrophenates, wetted	DINITROPHÉNATES HUMIDIFIÉS avec au moins 15 % (masse) d'eau	4.1	See UN1321	P
DINITROPHENOL, dry or wetted with less than 15% water, by mass	DINITROPHÉNOL sec ou humidifié avec moins de 15 % (masse) d'eau	1.1D	UN0076	P
DINITROPHENOL SOLUTION	DINITROPHÉNOL EN SOLUTION	6.1	UN1599	P
DINITROPHENOL, WETTED with not less than 15% water, by mass	DINITROPHÉNOL HUMIDIFIÉ avec au moins 15 % (masse) d'eau	4.1	UN1320	P
DINITROPHENOLATES, alkali metals, dry or wetted with less than 15% water, by mass	DINITROPHÉNATES de métaux alcalins secs ou humidifiés avec moins de 15 % (masse) d'eau	1.3C	UN0077	P
DINITROPHENOLATES, WETTED with not less than 15% water, by mass	DINITROPHÉNATES HUMIDIFIÉS avec au moins 15 % (masse) d'eau	4.1	UN1321	P
2,4-DINITROPHENYLHYDRAZINE (DRY)	DINITRO-2,4 PHÉNYLHYDRAZINE SEC	Forbidden		
2,4-DINITROPHENYLHYDRAZINE, WETTED with not less than 30% water	DINITRO-2,4 PHÉNYLHYDRAZINE HUMIDIFIÉE avec au moins 30 % d'eau	Forbidden		
DINITROPROPYLENE GLYCOL	DINITROPROPYLÈNE GLYCOL	Forbidden		
DINITRORESORCINOL, dry or wetted with less than 15% water, by mass	DINITRORÉSORCINOL sec ou humidifié avec moins de 15 % (masse) d'eau	1.1D	UN0078	
2,4-DINITRORESORCINOL (HEAVY METAL SALTS OF (DRY))	DINITRO-2,4 RÉSORCINOL (SELS DE MÉTAUX LOURDS DU) (SECS)	Forbidden		
4,6-DINITRORESORCINOL (HEAVY METAL SALTS OF (DRY))	DINITRO-4,6 RÉSORCINOL (SELS DE MÉTAUX LOURDS DU) (SECS)	Forbidden		
DINITRORESORCINOL, WETTED with not less than 15% water, by mass	DINITRORÉSORCINOL HUMIDIFIÉ avec au moins 15 % (masse) d'eau	4.1	UN1322	
3,5-DINITROSALICYLIC ACID (LEAD SALT) (DRY)	ACIDE DINITRO-3,5 SALICYLIQUE (SEL DE PLOMB) (SEC)	Forbidden		
DINITROSOBENZENE	DINITROSOBÉNÈNE	1.3C	UN0406	
DINITROSOBENZYLAMIDINE AND SALTS OF (DRY)	DINITROSOBENZYLAMIDINE ET SES SELS (SECS)	Forbidden		
2,2'-DINITROSTILBENE	DINITRO-2,2' STILBÈNE	Forbidden		
1,4-DINITRO-1,1,4,4-TETRAMETHYLOL BUTANE TETRANITRATE (DRY)	TÉTRANITRATE DE DINITRO-1,4 TÉTRAMÉTHYLOL-1,1,4,4 BUTANE (SEC)	Forbidden		
Dinitrotoluene mixed with sodium chlorate	Dinitrotoluène en mélange avec du chlorate de sodium	1.1D	See UN0083	
DINITROTOLUENES, LIQUID	DINITROTOLUÈNES LIQUIDES	6.1	UN2038	P
DINITROTOLUENES, MOLTEN	DINITROTOLUÈNES FONDUS	6.1	UN1600	P
DINITROTOLUENES, SOLID	DINITROTOLUÈNES SOLIDES	6.1	UN3454	P
2,4-DINITRO-1,3,5-TRIMETHYLBENZENE	DINITRO-2,4 TRIMÉTHYL-1,3,5 BENZÈNE	Forbidden		
DI-( <i>beta</i> -NITROXYETHYL) AMMONIUM NITRATE	NITRATE DE DI-( <i>béta</i> -NITROXYÉTHYL) AMMONIUM	Forbidden		
a,a'-DI-(NITROXY) METHYLETHER	a,a'-DI-(NITROXY) MÉTHYLÉTHER	Forbidden		

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
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1,9-DINITROXY PENTAMETHYLENE-2,4,6,8-TETRAMINE (DRY)	DINITROXY-1,9 PENTAMÉTHYLÉNE TÉTRAMINE-2,4,6,8 (SÈCHE)	Forbidden		
Dinobuton (see SUBSTITUTED NITROPHENOL PESTICIDE)	Dinobuton (voir NITROPHÉNOL SUBSTITUÉ PESTICIDE)			P
Dinoseb (see SUBSTITUTED NITROPHENOL PESTICIDE)	Dinosèbe (voir NITROPHÉNOL SUBSTITUÉ PESTICIDE)			P
Dinoseb acetate (see SUBSTITUTED NITROPHENOL PESTICIDE)	Acétate de dinosèbe (voir NITROPHÉNOL SUBSTITUÉ PESTICIDE)			P
Dioxacarb (see CARBAMATE PESTICIDE)	Dioxacarbe (voir CARBAMATE PESTICIDE)			P
DIOXANE	DIOXANNE	3	UN1165	
Dioxathion (see ORGANOPHOSPHORUS PESTICIDE)	Dioxathion (voir PESTICIDE ORGANOPHOSPHORÉ)			P
DIOXOLANE	DIOXOLANNE	3	UN1166	
DIPENTENE	DIPENTÈNE	3	UN2052	P
Diphacinone (see PESTICIDE, N.O.S.)	Diphacinone (voir PESTICIDE, N.S.A.)			P
Diphenyl	Diphényle	9	See UN3082	P
DIPHENYLAMINE CHLOROARSENINE	DIPHÉNYLAMINECHLORARSINE	6.1	UN1698	P
DIPHENYLCHLOROARSENINE, LIQUID	DIPHÉNYLCHLORARSINE LIQUIDE	6.1	UN1699	P
DIPHENYLCHLOROARSENINE, SOLID	DIPHÉNYLCHLORARSINE SOLIDE	6.1	UN3450	P
DIPHENYLDICHLOROSILANE	DIPHÉNYLDICHLOROSILANE	8	UN1769	
DIPHENYLMETHYL BROMIDE	BROMURE DE DIPHÉNYLMÉTHYLE	8	UN1770	
DIPICRYLAMINE	DIPICRYLAMINE	1.1D	UN0079	
DIPICRYL SULFIDE, dry or wetted with less than 10% water, by mass	SULFURE DE DIPICRYLE sec ou humidifié avec moins de 10 % (masse) d'eau	1.1D	UN0401	
DIPICRYL SULFIDE, WETTED with not less than 10% water, by mass	SULFURE DE DIPICRYLE HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN2852	
DIPICRYL SULPHIDE, dry or wetted with less than 10% water, by mass	SULFURE DE DIPICRYLE sec ou humidifié avec moins de 10 % (masse) d'eau	1.1D	UN0401	
DIPICRYL SULPHIDE, WETTED with not less than 10% water, by mass	SULFURE DE DIPICRYLE HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN2852	
DIPROPIONYL PEROXIDE, with more than 28% in solution	PEROXYDE DE DIPROPIONYLE, avec plus de 28 % en solution	Forbidden		
DIPROPYLAMINE	DIPROPYLAMINE	3	UN2383	
Dipropylene triamine	Dipropylénetriamine	8	See UN2269	
DI-n-PROPYL ETHER	ÉTHER DI-n-PROPYLIQUE	3	UN2384	
DIPROPYL KETONE	DIPROPYLCÉTONE	3	UN2710	
DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	DÉSINFECTANT LIQUIDE CORROSIF, N.S.A.	8	UN1903	
DISINFECTANT, LIQUID, TOXIC, N.O.S.	DÉSINFECTANT LIQUIDE TOXIQUE, N.S.A.	6.1	UN3142	
DISINFECTANT, SOLID, TOXIC, N.O.S.	DÉSINFECTANT SOLIDE TOXIQUE, N.S.A.	6.1	UN1601	
DISODIUM TRIOXOSILICATE	TRIOXOSILICATE DE DISODIUM	8	UN3253	
Disulfoton (see ORGANOPHOSPHORUS PESTICIDE)	Disulfoton (voir PESTICIDE ORGANOPHOSPHORÉ)			P
DIVINYL ETHER, STABILIZED	ÉTHER VINYLIQUE STABILISÉ	3	UN1167	
DNOC	DNOC	6.1	See UN1598	P
Dnoc (pesticide) (see SUBSTITUTED NITROPHENOL PESTICIDE)	Dnoc (Pesticide) (voir NITROPHÉNOL SUBSTITUÉ PESTICIDE)			P
Dodecene	Dodecène	3	See UN2850	P
1-Dodecylamine	Dodécyamine		See Note 1	P
Dodecyl diphenyl oxide sulfonate	Disulfonate d'oxyde de dodécyle et de diphenyle	9	See UN3077	P
Dodecyl diphenyl oxide sulphonate	Disulfonate d'oxyde de dodécyle et de diphenyle	9	See UN3077	P
Dodecyl hydroxypropyl sulfide	Sulfure de dodécyle et d'hydroperoxyde		See Note 1	P
Dodecyl hydroxypropyl sulphide	Sulfure de dodécyle et d'hydroperoxyde		See Note 1	P
Dodecylphenol	Dodécyphénol	8	See UN3145	P

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
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DODECYLTRICHLOROSILANE	DODÉCYLTRICHLOROSILANE	8	UN1771	
Drazoxolon (see ORGANOCHLORINE PESTICIDE)	Drazoxolon (voir PESTICIDE ORGANOCHLORÉ)			P
DRY ICE	NEIGE CARBONIQUE	9	UN1845	
DYE, LIQUID, CORROSIVE, N.O.S.	COLORANT LIQUIDE CORROSIF, N.S.A.	8	UN2801	
DYE, LIQUID, TOXIC, N.O.S.	COLORANT LIQUIDE TOXIQUE, N.S.A.	6.1	UN1602	
DYE, SOLID, CORROSIVE, N.O.S.	COLORANT SOLIDE CORROSIF, N.S.A.	8	UN3147	
DYE, SOLID, TOXIC, N.O.S.	COLORANT SOLIDE TOXIQUE, N.S.A.	6.1	UN3143	
DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.	MATIÈRE INTERMÉDIAIRE LIQUIDE POUR COLORANT, CORROSIVE, N.S.A.	8	UN2801	
DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	MATIÈRE INTERMÉDIAIRE LIQUIDE POUR COLORANT, TOXIQUE, N.S.A.	6.1	UN1602	
DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	MATIÈRE INTERMÉDIAIRE SOLIDE POUR COLORANT, CORROSIVE, N.S.A.	8	UN3147	
DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	MATIÈRE INTERMÉDIAIRE SOLIDE POUR COLORANT, TOXIQUE, N.S.A.	6.1	UN3143	
Dynamite	Dynamite	1.1D	See UN0081	
Edifenphos (see ORGANOPHOSPHORUS PESTICIDE)	Édifénphos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Electric storage batteries	Accumulateurs électriques	8	See UN2794 See UN2795 See UN2800 See UN3028	
Electrolyte (acid or alkaline) for batteries	Électrolyte (acide ou alcalin) pour accumulateurs	8	See UN2796 See UN2797	
ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100 °C and below its flash point including molten metals, molten salts, etc.	LIQUIDE TRANSPORTÉ À CHAUD, N.S.A. (y compris métal fondu, sel fondu, etc.), à une température égale ou supérieure à 100 °C et inférieure à son point	9	UN3257	
ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S., with flash point above 60 °C, at or above its flash point	LIQUIDE TRANSPORTÉ À CHAUD, INFLAMMABLE, N.S.A., ayant un point d'éclair supérieur à 60 °C, à une température égale ou supérieure à son point d'éclair	3	UN3256	
ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240 °C	SOLIDE TRANSPORTÉ À CHAUD, N.S.A., à une température égale ou supérieure à 240 °C	9	UN3258	
Enamels	Émaux	3 8 3 8	UN1263 UN3066 UN3469 UN3470	
Endosulfan (see ORGANOCHLORINE PESTICIDE)	Endosulfan (voir PESTICIDE ORGANOCHLORÉ)			P
Endrin (see ORGANOCHLORINE PESTICIDE)	Endrine (voir PESTICIDE ORGANOCHLORÉ)			P
ENGINE, FUEL CELL, FLAMMABLE GAS POWERED	MOTEUR PILE À COMBUSTIBLE CONTENANT DU GAZ INFLAMMABLE	2.1	UN3529	
ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED	MOTEUR PILE À COMBUSTIBLE CONTENANT DU LIQUIDE INFLAMMABLE	3	UN3528	
ENGINE, INTERNAL COMBUSTION	MOTEUR À COMBUSTION INTERNE	9	UN3530	
Engines, rocket	PROPULSEURS CONTENANT DES LIQUIDES HYPERGOLIQUES avec ou sans charge d'expulsion	1.2L 1.3L	See UN0322 See UN0250	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A.	9	UN3082	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, SOLIDE, N.S.A.	9	UN3077	
EPIBROMOHYDRIN	ÉPIBROMHYDRINE	6.1	UN2558	P
EPICHLOROHYDRIN	ÉPICHLORHYDRINE	6.1	UN2023	P
EPN (see ORGANOPHOSPHORUS PESTICIDE)	EPN (voir PESTICIDE ORGANOPHOSPHORÉ)			P
1,2-Epoxybutane, stabilized	Époxy-1,2 butane, stabilisé	3	See UN3022	
Epoxyethane	Époxyéthane	2.3	See UN1040	
1,2-EPOXY-3-ETHOXYPROPANE	ÉPOXY-1,2 ÉTHOXY-3 PROPANE	3	UN2752	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
2,3-Epoxy-1-propanal	Époxy-2,3 propanal-1	3	See UN2622	
2,3-Epoxypropyl ethyl ether	ÉPOXY-1,2 ÉTHOXY-3 PROPANE	3	See UN2752	
Esfenvalerate	Esfenvalérate		See Note 1	P
ESTERS, N.O.S.	ESTERS, N.S.A.	3	UN3272	
ETHANE	ÉTHANE	2.1	UN1035	
ETHANE, REFRIGERATED LIQUID	ÉTHANE LIQUIDE RÉFRIGÉRÉ	2.1	UN1961	
Ethanethiol	Éthanethiol	3	See UN2363	P
ETHANOL more than 24% ethanol, by volume	ÉTHANOL contenant plus de 24 % d'éthanol, par volume	3	UN1170	
ETHANOL AND GASOLINE MIXTURE, with more than 10% ethanol	MÉLANGE D'ÉTHANOL ET D'ESSENCE contenant plus de 10 % d'éthanol	3	UN3475	
ETHANOL AND MOTOR SPIRIT MIXTURE, with more than 10% ethanol	MÉLANGE D'ÉTHANOL ET D'ESSENCE contenant plus de 10 % d'éthanol	3	UN3475	
ETHANOL AND PETROL MIXTURE, with more than 10% ethanol	MÉLANGE D'ÉTHANOL ET D'ESSENCE contenant plus de 10 % d'éthanol	3	UN3475	
ETHANOL SOLUTION more than 24% ethanol, by volume	ÉTHANOL EN SOLUTION contenant plus de 24 % d'éthanol, par volume	3	UN1170	
ETHANOLAMINE	ÉTHANOLAMINE	8	UN2491	
ETHANOL AMINE DINITRATE	DINITRATE D'ÉTHANOL AMINE	Forbidden		
ETHANOLAMINE SOLUTION	ÉTHANOLAMINE EN SOLUTION	8	UN2491	
Ether	Éther	3	See UN1155	
ETHERS, N.O.S.	ÉTHERS, N.S.A.	3	UN3271	
Ethion (see ORGANOPHOSPHORUS PESTICIDE)	Éthion (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Ethoprophos (see ORGANOPHOSPHORUS PESTICIDE)	Éthoprophos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
2-Ethoxyethanol	Éthoxy-2 éthanol	3	See UN1171	
2-Ethoxyethyl acetate	Acétate d'éthoxy-2 éthyle	3	See UN1172	
Ethoxy propane-1	Oxyde d'éthyle et de propyle	3	See UN2615	
ETHYL ACETATE	ACÉTATE D'ÉTHYLE	3	UN1173	
ETHYLACETYLENE, STABILIZED	ÉTHYLACÉTYLÈNE STABILISÉ	2.1	UN2452	
ETHYL ACRYLATE, STABILIZED	ACRYLATE D'ÉTHYLE STABILISÉ	3	UN1917	
ETHYL ALCOHOL more than 24% ethanol, by volume	ALCOOL ÉTHYLIQUE contenant plus de 24 % d'éthanol, par volume	3	UN1170	
ETHYL ALCOHOL SOLUTION more than 24% ethanol, by volume	ALCOOL ÉTHYLIQUE EN SOLUTION contenant plus de 24 % d'éthanol, par volume	3	UN1170	
ETHYLAMINE	ÉTHYLAMINE	2.1	UN1036	
ETHYLAMINE, AQUEOUS SOLUTION with not less than 50% but not more than 70% ethylamine	ÉTHYLAMINE EN SOLUTION AQUEUSE contenant au moins 50 % mais au maximum 70 % d'éthylamine	3	UN2270	
ETHYL AMYL KETONE	ÉTHYLAMYL CÉTONE	3	UN2271	
2-ETHYLANILINE	ÉTHYL-2-ANILINE	6.1	UN2273	
N-ETHYLANILINE	N-ÉTHYLANILINE	6.1	UN2272	
ETHYLBENZENE	ÉTHYL BENZÈNE	3	UN1175	
N-ETHYL-N-BENZYL ANILINE	N-ÉTHYL N-BENZYL ANILINE	6.1	UN2274	
N-ETHYLBENZYL TOLUIDINES, LIQUID	N-ÉTHYL BENZYL TOLUIDINES LIQUIDES	6.1	UN2753	
N-ETHYLBENZYL TOLUIDINES, SOLID	N-ÉTHYL BENZYL TOLUIDINES SOLIDES	6.1	UN3460	
ETHYL BORATE	BORATE D'ÉTHYLE	3	UN1176	
ETHYL BROMIDE	BROMURE D'ÉTHYLE	6.1	UN1891	
ETHYL BROMOACETATE	BROMACÉTATE D'ÉTHYLE	6.1	UN1603	
2-ETHYLBUTANOL	ÉTHYL-2 BUTANOL	3	UN2275	
2-ETHYLBUTYL ACETATE	ACÉTATE DE 2-ÉTHYLBUTYLE	3	UN1177	
ETHYL BUTYL ETHER	ÉTHER ÉTHYLBUTYLIQUE	3	UN1179	
2-ETHYLBUTYRALDEHYDE	ALDÉHYDE ÉTHYL-2 BUTYRIQUE	3	UN1178	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
ETHYL BUTYRATE	BUTYRATE D'ÉTHYLE	3	UN1180	
ETHYL CHLORIDE	CHLORURE D'ÉTHYLE	2.1	UN1037	
ETHYL CHLOROACETATE	CHLORACÉTATE D'ÉTHYLE	6.1	UN1181	
Ethyl chlorocarbonate	Chlorocarbonate d'éthyle	6.1	See UN1182	
ETHYL CHLOROFORMATE	CHLOROFORMIATE D'ÉTHYLE	6.1	UN1182	
ETHYL 2-CHLOROPROPIONATE	CHLORO-2 PROPIONATE D'ÉTHYLE	3	UN2935	
Ethyl- <i>alpha</i> -chloropropionate	<i>alpha</i> -Chloropropionate d'éthyle	3	See UN2935	
ETHYL CHLOROTHIOFORMATE	CHLOROTHIOFORMIATE D'ÉTHYLE	8	UN2826	P
ETHYL CROTONATE	CROTONATE D'ÉTHYLE	3	UN1862	
ETHYLDICHLOROARSINE	ÉTHYLDICHLORARSINE	6.1	UN1892	P
ETHYLDICHLOROSILANE	ÉTHYLDICHLOROSILANE	4.3	UN1183	
ETHYLENE	ÉTHYLÈNE	2.1	UN1962	
ETHYLENE, ACETYLENE AND PROPYLENE MIXTURE, REFRIGERATED LIQUID containing at least 71.5% ethylene with not more than 22.5% acetylene and not more than 6% propylene	ÉTHYLÈNE, ACÉTYLÈNE ET PROPYLÈNE EN MÉLANGE LIQUIDE RÉFRIGÉRÉ contenant 71,5 % au moins d'éthylène, 22,5 % au plus d'acétylène et 6 % au plus de propylène	2.1	UN3138	
ETHYLENE CHLOROHYDRIN	MONOCHLORHYDRINE DU GLYCOL	6.1	UN1135	
ETHYLENEDIAMINE	ÉTHYLÉNEDIAMINE	8	UN1604	
ETHYLENE DIAMINE DIPERCHLORATE	DIPERCHLORATE D'ÉTHYLÈNE DIAMINE	Forbidden		
ETHYLENE DIBROMIDE	DIBROMURE D'ÉTHYLÈNE	6.1	UN1605	
Ethylene dibromide and methyl bromide mixture, liquid	Dibromure d'éthylène et bromure de méthyle en mélange liquide	6.1	See UN1647	P
ETHYLENE DICHLORIDE	DICHLORURE D'ÉTHYLÈNE	3	UN1184	
ETHYLENE GLYCOL DIETHYL ETHER	ÉTHER DIÉTHYLIQUE DE L'ÉTHYLÈNEGLYCOL	3	UN1153	
Ethylene glycol dimethyl ether	Éther diméthylique de l'éthylèneglycol	3	See UN2252	
ETHYLENE GLYCOL DINITRATE	DINITRATE D'ÉTHYLÈNE GLYCOL	Forbidden		
ETHYLENE GLYCOL MONOETHYL ETHER	ÉTHER MONOÉTHYLIQUE DE L'ÉTHYLÈNEGLYCOL	3	UN1171	
ETHYLENE GLYCOL MONOETHYL ETHER ACETATE	ACÉTATE DE L'ÉTHER MONOÉTHYLIQUE DE L'ÉTHYLÈNEGLYCOL	3	UN1172	
ETHYLENE GLYCOL MONOMETHYL ETHER	ÉTHER MONOMÉTHYLIQUE DE L'ÉTHYLÈNEGLYCOL	3	UN1188	
ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE	ACÉTATE DE L'ÉTHER MONOMÉTHYLIQUE DE L'ÉTHYLÈNEGLYCOL	3	UN1189	
ETHYLENEIMINE, STABILIZED	ÉTHYLÉNEIMINE STABILISÉE	6.1	UN1185	
ETHYLENE OXIDE	OXYDE D'ÉTHYLÈNE	2.3	UN1040	
ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with not more than 9% ethylene oxide	OXYDE D'ÉTHYLÈNE ET DIOXYDE DE CARBONE EN MÉLANGE contenant au plus 9 % d'oxyde d'éthylène	2.2	UN1952	
ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 9% but not more than 87% ethylene oxide	OXYDE D'ÉTHYLÈNE ET DIOXYDE DE CARBONE EN MÉLANGE contenant plus de 9 % mais pas plus de 87 % d'oxyde d'éthylène	2.1	UN1041	
ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 87% ethylene oxide	OXYDE D'ÉTHYLÈNE ET DIOXYDE DE CARBONE EN MÉLANGE contenant plus de 87 % d'oxyde d'éthylène	2.3	UN3300	
ETHYLENE OXIDE AND CHLOROTETRAFLUOROETHANE MIXTURE with not more than 8.8% ethylene oxide	OXYDE D'ÉTHYLÈNE ET CHLOROTÉTRAFLUORÉTHANE EN MÉLANGE contenant au plus 8,8 % d'oxyde d'éthylène	2.2	UN3297	
ETHYLENE OXIDE AND DICHLORODIFLUOROMETHANE MIXTURE with not more than 12.5% ethylene oxide	OXYDE D'ÉTHYLÈNE ET DICHLORODIFLUOROMÉTHANE EN MÉLANGE contenant au plus 12,5 % d'oxyde d'éthylène	2.2	UN3070	
ETHYLENE OXIDE AND PENTAFLUOROETHANE MIXTURE with not more than 7.9% ethylene oxide	OXYDE D'ÉTHYLÈNE ET PENTAFLUORÉTHANE EN MÉLANGE contenant au plus 7,9 % d'oxyde d'éthylène	2.2	UN3298	
ETHYLENE OXIDE AND PROPYLENE OXIDE MIXTURE, not more than 30% ethylene oxide	OXYDE D'ÉTHYLÈNE ET OXYDE DE PROPYLÈNE EN MÉLANGE contenant au plus 30 % d'oxyde d'éthylène	3	UN2983	
ETHYLENE OXIDE AND TETRAFLUOROETHANE MIXTURE with not more than 5.6% ethylene oxide	OXYDE D'ÉTHYLÈNE ET TÉTRAFLUORÉTHANE EN MÉLANGE contenant au plus 5,6 % d'oxyde d'éthylène	2.2	UN3299	

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ETHYLENE OXIDE WITH NITROGEN up to a total pressure of 1 MPa (10 bar) at 50 °C	OXYDE D'ÉTHYLÈNE AVEC DE L'AZOTE sous pression maximale totale de 1MPa (10 bar) à 50 °C	2.3	UN1040	
ETHYLENE, REFRIGERATED LIQUID	ÉTHYLÈNE LIQUIDE RÉFRIGÉRÉ	2.1	UN1038	
ETHYL ETHER	ÉTHER ÉTHYLIQUE	3	UN1155	
Ethyl fluid	Éthyl-fluide	6.1	See UN1649	P
ETHYL FLUORIDE	FLUORURE D'ÉTHYLE	2.1	UN2453	
ETHYL FORMATE	FORMIATE D'ÉTHYLE	3	UN1190	
Ethyl glycol acetate	Acétate d'éthylglycol	3	See UN1172	
Ethylehexaldehyde	Éthylehexaldéhyde	3	See UN1191	
2-ETHYLHEXYLAMINE	ÉTHYL-2 HEXYLAMINE	3	UN2276	
2-ETHYLHEXYL CHLOROFORMATE	CHLOROFORMIATE D'ÉTHYL-2 HEXYLE	6.1	UN2748	
2-Ethylhexyl nitrate	Nitrate d'éthyle-2 hexyl		See Note 1	P
Ethyl hydrogen sulfate	Hydrogénosulfate d'éthyle	8	See UN2571	
Ethyl hydrogen sulphate	Hydrogénosulfate d'éthyle	8	See UN2571	
ETHYL HYDROPEROXIDE	HYDROPEROXYDE D'ÉTHYLE	Forbidden		
Ethyl hydrosulfide	Sulfhydrate d'éthyle	3	See UN2363	P
Ethyl hydrosulphide	Sulfhydrate d'éthyle	3	See UN2363	P
Ethyldene chloride	Chlorure d'éthylidène	3	See UN2362	
ETHYL ISOBUTYRATE	ISOBUTYRATE D'ÉTHYLE	3	UN2385	
ETHYL ISOCYANATE	ISOCYANATE D'ÉTHYLE	6.1	UN2481	
ETHYL LACTATE	LACTATE D'ÉTHYLE	3	UN1192	
ETHYL MERCAPTAN	MERCAPTAN ÉTHYLIQUE	3	UN2363	P
ETHYL METHACRYLATE, STABILIZED	MÉTHACRYLATE D'ÉTHYLE STABILISÉ	3	UN2277	
1-Ethyl-2-methylbenzene	1-Éthyl-2 méthylbenzène		See Note 1	P
ETHYL METHYL ETHER	ÉTHER MÉTHYLÉTHYLIQUE	2.1	UN1039	
ETHYL METHYL KETONE	ÉTHYLMÉTHYLÉTONE	3	UN1193	
ETHYL NITRATE	NITRATE D'ÉTHYLE	Forbidden		
ETHYL NITRITE	NITRITE D'ÉTHYLE	Forbidden		
ETHYL NITRITE SOLUTION	NITRITE D'ÉTHYLE EN SOLUTION	3	UN1194	
ETHYL ORTHOFORMATE	ORTHOFORMIATE D'ÉTHYLE	3	UN2524	
ETHYL OXALATE	OXALATE D'ÉTHYLE	6.1	UN2525	
ETHYL PERCHLORATE	PERCHLORATE D'ÉTHYLE	Forbidden		
ETHYLPHENYLDICHLOROSILANE	ÉTHYLPHÉNYLDICHLOROSILANE	8	UN2435	
1-ETHYLPIPERIDINE	ÉTHYL-1 PIPÉRIDINE	3	UN2386	
ETHYL PROPIONATE	PROPIONATE D'ÉTHYLE	3	UN1195	
ETHYL PROPYL ETHER	ÉTHER ÉTHYLPROPYLIQUE	3	UN2615	
Ethyl tetraphosphate	Tétraphosphate d'éthyle	6.1	See UN1611	P
Ethyl thioalcohol	MERCAPTAN ÉTHYLIQUE	3	See UN2363	P
Ethyl silicate	Silicate d'éthyle	3	See UN1292	
Ethyl sulfate	Sulfate d'éthyle	6.1	See UN1594	
Ethyl sulphate	Sulfate d'éthyle	6.1	See UN1594	
N-ETHYL TOLUIDINES	N-ÉTHYL TOLUIDINES	6.1	UN2754	
ETHYLTRICHLOROSILANE	ÉTHYLTRICHLOROSILANE	3	UN1196	
EXPLOSIVE, BLASTING, TYPE A	EXPLOSIF DE MINE (DE SAUTAGE) DU TYPE A	1.1D	UN0081	
EXPLOSIVE, BLASTING, TYPE B	EXPLOSIF DE MINE (DE SAUTAGE) DU TYPE B	1.1D 1.5D	UN0082 UN0331	
EXPLOSIVE, BLASTING, TYPE C	EXPLOSIF DE MINE (DE SAUTAGE) DU TYPE C	1.1D	UN0083	
EXPLOSIVE, BLASTING, TYPE D	EXPLOSIF DE MINE (DE SAUTAGE) DU TYPE D	1.1D	UN0084	

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EXPLOSIVE, BLASTING, TYPE E	EXPLOSIF DE MINE (DE SAUTAGE) DU TYPE E	1.1D 1.5D	UN0241 UN0332	
Explosives, emulsion	Explosifs en émulsion	1.1D 1.5D	See UN0241 See UN0332	
Explosive, seismic	Explosifs sismiques	1.1D 1.1D 1.1D 1.4D	See UN0081 See UN0082 See UN0083 See UN0331	
Explosive, slurry	Bouillies explosives	1.1D 1.5D	See UN0241 See UN0332	
Explosive, water gel	Gels aqueux explosifs	1.1D 1.5D	See UN0241 See UN0332	
EXTRACTS, AROMATIC, LIQUID	EXTRAITS AROMATIQUES LIQUIDES	3	UN1169	
EXTRACTS, FLAVOURING, LIQUID	EXTRAITS LIQUIDES POUR AROMATISER	3	UN1197	
FABRICS, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil	TISSUS D'ORIGINE ANIMALE, VÉGÉTALE ou SYNTHÉTIQUE imprégnés d'huile, N.S.A.	4.2	UN1373	
FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.	TISSUS IMPRÉGNÉS DE NITROCELLULOSE FAIBLEMENT NITRÉE, N.S.A.	4.1	UN1353	
Fenamiphos (see ORGANOPHOSPHORUS PESTICIDE)	Phénamiphos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Fentabutin oxide	Oxyde de fentabutin		See Note 1	P
Fenitrothion (see ORGANOPHOSPHORUS PESTICIDE)	Fénitrothion (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Fenoxyprop-ethyl	Fenoxyprop-éthyl		See Note 1	P
Fenoxyprop-P-ethyl	Fenoxyprop-P-éthyl		See Note 1	P
Fenpropathrin (see PESTICIDE, N.O.S.)	Fenpropathrine (voir PESTICIDE, N.S.A.)			P
Fensulfothion (see ORGANOPHOSPHORUS PESTICIDE)	Fensulfothion (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Fenthion (see ORGANOPHOSPHORUS PESTICIDE)	Fenthion (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Fentin acetate (see ORGANOTIN PESTICIDE)	Acétate de fentine (voir PESTICIDE ORGANOSTANNIQUE)			P
Fentin hydroxide (see ORGANOTIN PESTICIDE)	Hydroxyde de fentine (voir PESTICIDE ORGANOSTANNIQUE)			P
FERRIC ARSENATE	ARSÉNIATE DE FER III	6.1	UN1606	P
FERRIC ARSENITE	ARSÉNITE DE FER III	6.1	UN1607	P
FERRIC CHLORIDE, ANHYDROUS	CHLORURE DE FER III ANHYDRE	8	UN1773	
FERRIC CHLORIDE SOLUTION	CHLORURE DE FER III EN SOLUTION	8	UN2582	
FERRIC NITRATE	NITRATE DE FER III	5.1	UN1466	
FERROCERIUM, unstabilized against corrosion or with less than 10% iron content	FERROCÉRIUM non-stabilisé contre la corrosion ou d'une teneur en fer de moins de 10 %	4.1	UN1323	
FERROSILICON with 30% or more but less than 90% silicon	FERROSILICIUM contenant 30 % ou plus mais moins de 90 % de silicium	4.3	UN1408	
FERROUS ARSENATE	ARSÉNIATE DE FER II	6.1	UN1608	P
FERROUS METAL BORINGS, SHAVINGS, TURNINGS or CUTTINGS in a form liable to self-heating	ROGNURES, COPEAUX, TOURNURES ou ÉBARBURES DE MÉTAUX FERREUX sous une forme susceptible d'échauffement spontané	4.2	UN2793	
FERTILIZER AMMONIATING SOLUTION with free ammonia	ENGRAIS EN SOLUTION contenant de l'ammoniac non combiné	2.2	UN1043	
Fertilizer with ammonium nitrate, n.o.s.	Nitrate d'ammonium, engrais au	5.1 9	See UN2067 See UN2071	
FIBRES, ANIMAL, burnt, wet or damp, regulated only when transported by ship	FIBRES D'ORIGINE ANIMALE, brûlées, mouillées ou humides, réglementées seulement lorsqu'elles sont transportées pas navire	4.2	UN1372	
FIBRES, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil	FIBRES D'ORIGINE ANIMALE, VÉGÉTALE ou SYNTHÉTIQUE imprégnées d'huile, N.S.A.	4.2	UN1373	

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FIBRES, VEGETABLE, burnt, wet or damp, regulated only when transported by ship	FIBRES D'ORIGINE VÉGÉTALE, brûlées, mouillées ou humides, réglementées seulement lorsqu'elles sont transportées pas navire	4.2	UN1372	
FIBRES, VEGETABLE, DRY, regulated only when transported by ship	FIBRES VÉGÉTALES SÈCHES, réglementées seulement lorsqu'elles sont transportées par navire	4.1	UN3360	
FIBRES IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.	FIBRES IMPRÉGNÉS DE NITROCELLULOSE FAIBLEMENT NITRÉE, N.S.A.	4.1	UN1353	
Films, nitrocellulose base, from which gelatine has been removed; film scrap	Films débarrassés de gélatine; déchets de films	4.2	See UN2002	
FILMS, NITROCELLULOSE BASE, gelatin coated, except scrap	FILMS À SUPPORT NITROCELLULOSIQUE avec couche de gélatine, à l'exclusion des déchets	4.1	UN1324	
FIRE EXTINGUISHER CHARGES, corrosive liquid	CHARGES D'EXTINCTEURS constituées par un liquide corrosif	8	UN1774	
Fire extinguisher charges, expelling, explosive	Charges d'expulsion pour extincteurs	1.2C 1.3C 1.4C 1.4S	See UN0381 See UN0275 See UN0276 See UN0323	
FIRE EXTINGUISHERS with compressed or liquefied gas	EXTINCTEURS avec un gaz comprimé ou liquéfié	2.2	UN1044	
FIRELIGHTERS, SOLID with flammable liquid	ALLUME-FEU SOLIDES imprégnés de liquide inflammable	4.1	UN2623	
FIREWORKS	ARTIFICES DE DIVERTISSEMENT	1.1G 1.2G 1.3G 1.4G 1.4S	UN0333 UN0334 UN0335 UN0336 UN0337	
FIRST AID KIT	TROUSSE DE PREMIERS SECOURS	9	UN3316	
FISH MEAL, STABILIZED, regulated only when transported by ship	FARINE DE POISSON STABILISÉE	9	UN2216	
FISH MEAL, UNSTABILIZED	FARINE DE POISSON NON STABILISÉE	4.2	UN1374	
FISH SCRAP, STABILIZED, regulated only when transported by ship	DÉCHETS DE POISSON STABILISÉS, réglementés seulement lorsqu'ils sont transportés pas navire	9	UN2216	
FISH SCRAP, UNSTABILIZED	DÉCHETS DE POISSON NON STABILISÉS	4.2	UN1374	
Flammable gas in lighters	Gaz inflammable dans les briquets	2.1	See UN1057	
FLAMMABLE LIQUID, N.O.S.	LIQUIDE INFLAMMABLE, N.S.A.	3	UN1993	
FLAMMABLE LIQUID, CORROSIVE, N.O.S.	LIQUIDE INFLAMMABLE, CORROSIF, N.S.A.	3	UN2924	
FLAMMABLE LIQUID, TOXIC, N.O.S.	LIQUIDE INFLAMMABLE, TOXIQUE, N.S.A.	3	UN1992	
FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	LIQUIDE INFLAMMABLE, TOXIQUE, CORROSIF, N.S.A.	3	UN3286	
FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.	SOLIDE INORGANIQUE INFLAMMABLE, CORROSIF, N.S.A.	4.1	UN3180	
FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	SOLIDE ORGANIQUE INFLAMMABLE, CORROSIF, N.S.A.	4.1	UN2925	
FLAMMABLE SOLID, INORGANIC, N.O.S.	SOLIDE INORGANIQUE INFLAMMABLE, N.S.A.	4.1	UN3178	
FLAMMABLE SOLID, ORGANIC, N.O.S.	SOLIDE ORGANIQUE INFLAMMABLE, N.S.A.	4.1	UN1325	
FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	SOLIDE ORGANIQUE INFLAMMABLE, FONDU, N.S.A.	4.1	UN3176	
FLAMMABLE SOLID, OXIDIZING, N.O.S.	SOLIDE INFLAMMABLE, COMBURANT, N.S.A.	Forbidden	UN3097	
FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	SOLIDE INORGANIQUE INFLAMMABLE, TOXIQUE, N.S.A.	4.1	UN3179	
FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	SOLIDE ORGANIQUE INFLAMMABLE, TOXIQUE, N.S.A.	4.1	UN2926	
FLARES, AERIAL	DISPOSITIFS ÉCLAIRANTS AÉRIENS	1.1G 1.2G 1.3G 1.4G 1.4S	UN0420 UN0421 UN0093 UN0403 UN0404	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
Flares, aeroplane	DISPOSITIFS ÉCLAIRANTS AÉRIENS	1.1G 1.2G 1.3G 1.4G 1.4S	See UN0420 See UN0421 See UN0093 See UN0403 See UN0404	
Flares, distress, small	Petits feux de détresse	1.4G 1.4S	See UN0191 See UN0373	
Flares, highway	Feux de signaux routiers	1.4G 1.4S	See UN0191 See UN0373	
Flares, railway	Feux de signaux ferroviaires	1.4G 1.4S	See UN0191 See UN0373	
FLARES, SURFACE	DISPOSITIFS ÉCLAIRANTS DE SURFACE	1.1G 1.2G 1.3G	UN0418 UN0419 UN0092	
Flares, water-activated	Dispositifs éclairants hydroactifs	1.2L 1.3L	See UN0248 See UN0249	
FLASH POWDER	POUDRE ÉCLAIR	1.1G 1.3G	UN0094 UN0305	
Flue dusts, toxic	Poussières de carneau, toxiques	6.1	See UN1562	
Fluoric acid	Acide fluorique	8	See UN1790	
FLUORINE, COMPRESSED	FLUOR COMPRIMÉ	2.3	UN1045	
FLUOROACETIC ACID	ACIDE FLUORACÉTIQUE	6.1	UN2642	
FLUOROANILINES	FLUORANILINES	6.1	UN2941	
2-Fluoroaniline	Fluoro-2 aniline	6.1	See UN2941	
4-Fluoroaniline	Fluoro-4 aniline	6.1	See UN2941	
o-Fluoroaniline	o-Fluoraniline	6.1	See UN2941	
p-Fluoroaniline	p-Fluoraniline	6.1	See UN2941	
FLUOROBENZENE	FLUOROBÉNZE	3	UN2387	
FLUOROBORIC ACID	ACIDE FLUOROBORIQUE	8	UN1775	
Fluoroethane	Fluoréthane	2.1	See UN2453	
Fluoroform	Fluoroforme	2.2	See UN1984	
Fluoromethane	Fluorométhane	2.1	See UN2454	
FLUOROPHOSPHORIC ACID, ANHYDROUS	ACIDE FLUOROPHORIQUE ANHYDRE	8	UN1776	
FLUOROSILICATES, N.O.S.	FLUOROSILICATES, N.S.A.	6.1	UN2856	
FLUOROSILICIC ACID	ACIDE FLUOROSILICIQUE	8	UN1778	
FLUOROSULFONIC ACID	ACIDE FLUOROSULFONIQUE	8	UN1777	
FLUOROSULPHONIC ACID	ACIDE FLUOROSULFONIQUE	8	UN1777	
FLUOROTOLUENES	FLUOROTOLUÈNES	3	UN2388	
Fonofos (see ORGANOPHOSPHORUS PESTICIDE)	Fonofos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
FORMALDEHYDE SOLUTION with not less than 25% formaldehyde	FORMALDÉHYDE EN SOLUTION contenant au moins 25 % de formaldéhyde	8	UN2209	
FORMALDEHYDE SOLUTION, FLAMMABLE	FORMALDÉHYDE EN SOLUTION INFLAMMABLE	3	UN1198	
Formalin	Formaline	3 8	See UN1198 See UN2209	
Formamidine sulfinic acid	Formamidine sulfinique acide	4.2	See UN3341	
Formamidine sulphonic acid	Formamidine sulphinique acide	4.2	See UN3341	
Formetanate (see CARBAMATE PESTICIDE)	Formétanate (voir CARBAMATE PESTICIDE)			P
FORMIC ACID with not less than 5% but not more than 10% acid by mass	ACIDE FORMIQUE contenant au moins 5 % mais moins de 10 % (masse) d'acide	8	UN3412	
FORMIC ACID with not less than 10% but not more than 85% acid by mass	ACIDE FORMIQUE contenant au moins 10 % et au plus 85 % (masse) d'acide	8	UN3412	

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FORMIC ACID with more than 85% acid by mass	ACIDE FORMIQUE contenant plus de 85 % (masse) d'acide	8	UN1779	
Formic aldehyde	Aldéhyde formique	3 8	See UN1198 See UN2209	
2-Formyl-3,4-dihydro-2H-pyran	Formyl-2 dihydro-3,4 (2H) pyranne	3	See UN2607	
FRACTURING DEVICES, EXPLOSIVE without detonator, for oil wells	TORPILLES DE FORAGE EXPLOSIVES sans détonateur, pour puits de pétrole	1.1D	UN0099	
FUEL, AVIATION, TURBINE ENGINE	CARBURÉACTEUR	3	UN1863	
FUEL CELL CARTRIDGES, containing corrosive substances	CARTOUCHES POUR PILE À COMBUSTIBLE, contenant des matières corrosives	8	UN3477	
FUEL CELL CARTRIDGES, containing flammable liquids	CARTOUCHES POUR PILE À COMBUSTIBLE, contenant des liquides inflammables	3	UN3473	
FUEL CELL CARTRIDGES, containing hydrogen in metal hydride	CARTOUCHES POUR PILE À COMBUSTIBLE, contenant de l'hydrogène dans un hydrure métallique	2.1	UN3479	
FUEL CELL CARTRIDGES, containing liquefied flammable gas	CARTOUCHES POUR PILE À COMBUSTIBLE, contenant un gaz liquéfié inflammable	2.1	UN3478	
FUEL CELL CARTRIDGES, containing water-reactive substances	CARTOUCHES POUR PILE À COMBUSTIBLE, contenant des matières hydroréactives	4.3	UN3476	
FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing corrosive substances	CARTOUCHES POUR PILE À COMBUSTIBLE CONTENUES DANS UN ÉQUIPEMENT, contenant des matières corrosives	8	UN3477	
FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing flammable liquids	CARTOUCHES POUR PILE À COMBUSTIBLE CONTENUES DANS UN ÉQUIPEMENT, contenant des liquides inflammables	3	UN3473	
FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing hydrogen in metal hydride	CARTOUCHES POUR PILE À COMBUSTIBLE CONTENUES DANS UN ÉQUIPEMENT, contenant de l'hydrogène dans un hydrure métallique	2.1	UN3479	
FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing liquefied flammable gas	CARTOUCHES POUR PILE À COMBUSTIBLE CONTENUES DANS UN ÉQUIPEMENT, contenant un gaz liquéfié inflammable	2.1	UN3478	
FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing water-reactive substances	CARTOUCHES POUR PILE À COMBUSTIBLE CONTENUES DANS UN ÉQUIPEMENT, contenant des matières hydroréactives	4.3	UN3476	
FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing corrosive substances	CARTOUCHES POUR PILE À COMBUSTIBLE EMBALLÉES AVEC UN ÉQUIPEMENT, contenant des matières corrosives	8	UN3477	
FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing flammable liquids	CARTOUCHES POUR PILE À COMBUSTIBLE EMBALLÉES AVEC UN ÉQUIPEMENT, contenant des liquides inflammables	3	UN3473	
FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing hydrogen in metal hydride	CARTOUCHES POUR PILE À COMBUSTIBLE EMBALLÉES AVEC UN ÉQUIPEMENT, contenant de l'hydrogène dans un hydrure métallique	2.1	UN3479	
FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing liquefied flammable gas	CARTOUCHES POUR PILE À COMBUSTIBLE EMBALLÉES AVEC UN ÉQUIPEMENT, contenant un gaz liquéfié inflammable	2.1	UN3478	
FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing water-reactive substances	CARTOUCHES POUR PILE À COMBUSTIBLE EMBALLÉES AVEC UN ÉQUIPEMENT, contenant des matières hydroréactives	4.3	UN3476	
FULMINATING GOLD	OR FULMINANT	Forbidden		
FULMINATING MERCURY	MERCURE FULMINANT	Forbidden		
FULMINATING PLATINUM	PLATINE FULMINANT	Forbidden		
FULMINATING SILVER	ARGENT FULMINANT	Forbidden		
FULMINIC ACID	ACIDE FULMINIQUE	Forbidden		
Fumaroyl dichloride	Dichlorure de fumaroyle	8	See UN1780	
FUMARYL CHLORIDE	CHLORURE DE FUMARYLE	8	UN1780	
FUMIGATED CARGO TRANSPORT UNIT	ENGIN DE TRANSPORT SOUS FUMIGATION	9	UN3359	
FURALDEHYDES	FURALDÉHYDES	6.1	UN1199	

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FURAN	FURANNE	3	UN2389	
Furathiocarb (ISO) (see CARBAMATE PESTICIDE)	Furathiocarbe (ISO) (voir CARBAMATE PESTICIDE)			P
FURFURYL ALCOHOL	ALCOOL FURFURYLIQUE	6.1	UN2874	
FURFURYLAMINE	FURFURYLAMINE	3	UN2526	
Furyl carbinol	ALCOOL FURFURYLIQUE	6.1	See UN2874	
FUSE, DETONATING, metal clad	CORDEAU DÉTONANT à enveloppe métallique	1.1D 1.2D	UN0290 UN0102	
FUSE, DETONATING, MILD EFFECT, metal clad	CORDEAU DÉTONANT À CHARGE RÉDUITE à enveloppe métallique	1.4D	UN0104	
FUSE, IGNITER, tubular, metal clad	CORDEAU D'ALLUMAGE à enveloppe métallique	1.4G	UN0103	
FUSE, NON-DETONATING	MÈCHE NON DÉTONANTE	1.3G	UN0101	
FUSE, SAFETY	MÈCHE DE MINEUR; MÈCHE LENTE; ou CORDEAU BICKFORD	1.4S	UN0105	
FUSEL OIL	HUILE DE FUSEL	3	UN1201	
Fuze, combination, percussion or time	Fusées pour munitions	1.1B 1.2B 1.3G 1.4B 1.4G 1.4S 1.4S	UN0106 UN0107 UN0316 UN0257 UN0317 UN0367 UN0368	
FUZES, DETONATING	FUSÉES-DÉTONATEURS	1.1B 1.2B 1.4B 1.4S	UN0106 UN0107 UN0257 UN0367	
FUZES, DETONATING with protective features	FUSÉES-DÉTONATEURS avec dispositifs de sécurité	1.1D 1.2D 1.4D	UN0408 UN0409 UN0410	
FUZES, IGNITING	FUSÉES-ALLUMEURS	1.3G 1.4G 1.4S	UN0316 UN0317 UN0368	
GALACTAN TRINITRATE	TRINITRATE DE GALACTAN	Forbidden		
GALLIUM	GALLIUM	8	UN2803	
GAS CARTRIDGES without a release device, non-refillable	CARTOUCHES À GAZ sans dispositif de détente, non rechargeables	2.1 2.2	UN2037 UN2037	
Gas drips, hydrocarbon	Condensats d'hydrocarbure	3	See UN3295	
GAS OIL	GAZOLE	3	UN1202	
GAS, REFRIGERATED LIQUID, N.O.S.	GAZ LIQUIDE RÉFRIGÉRÉ, N.S.A.	2.2	UN3158	
GAS, REFRIGERATED LIQUID, FLAMMABLE, N.O.S.	GAZ LIQUIDE RÉFRIGÉRÉ, INFLAMMABLE, N.S.A.	2.1	UN3312	
GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.	GAZ LIQUIDE RÉFRIGÉRÉ, COMBURANT, N.S.A.	2.2	UN3311	
GAS SAMPLE, NON-PRESSURIZED, FLAMMABLE, N.O.S., not refrigerated liquid	ÉCHANTILLON DE GAZ, NON COMPRIMÉ, INFLAMMABLE, N.S.A., sous une forme autre qu'un liquide réfrigéré	2.1	UN3167	
GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S., not refrigerated liquid	ÉCHANTILLON DE GAZ, NON COMPRIMÉ, TOXIQUE, N.S.A., sous une forme autre qu'un liquide réfrigéré	2.3	UN3169	
GAS SAMPLE, NON-PRESSURIZED, TOXIC, FLAMMABLE, N.O.S., not refrigerated liquid	ÉCHANTILLON DE GAZ, NON COMPRIMÉ, TOXIQUE, INFLAMMABLE, N.S.A., sous une forme autre qu'un liquide réfrigéré	2.3	UN3168	
GASOLINE	ESSENCE	3	UN1203	
Gasoline and ethanol mixture	MÉLANGE D'ÉTHANOL ET D'ESSENCE	3	See UN3475	
Gasoline, casinghead	Essence naturelle	3	See UN1203	

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Gelatine, blasting	Dynamites-gommes	1.1D	See UN0081	
Gelatine, dynamites	Dynamites gélatinisées	1.1D	See UN0081	
GERMANE	GERMANE	2.3	UN2192	
GERMANE, ADSORBED	GERMANE ADSORBÉ	2.3	UN3523	
Germanium hydride	Hydrogène germanié	2.3	See UN2192	
Glucinium	Glucinium	6.1 6.1	See UN1566 See UN1567	
Glycer-1,3-dichlorohydrin	Dichlorohydrine-1,3 du glycérol	6.1	See UN2750	
GLYCEROL-1,3-DINITRATE	DINITRATE DE GLYCÉROL-1,3	Forbidden		
GLYCEROL GLUCONATE TRINITRATE	TRINITRATE DE GLUCONATE DE GLYCÉROL	Forbidden		
GLYCEROL LACTATE TRINITRATE	TRINITRATE DE LACTATE DE GLYCÉROL	Forbidden		
GLYCEROL <i>alpha</i> -MONOCHLOROHYDRIN	<i>alpha</i> -MONOCHLOROHYDRINE DU GLYCÉROL	6.1	UN2689	
Glyceryl trinitrate	Trinitrate de glycéryl	1.1D 1.1D 3 3	See UN0143 See UN0144 See UN1204 See UN3064	
GLYCIDALDEHYDE	GLYCIDALDÉHYDE	3	UN2622	
GRENADES, hand or rifle, with bursting charge	GRENADES à main ou à fusil avec charge d'éclatement	1.1D 1.1F 1.2D 1.2F	UN0284 UN0292 UN0285 UN0293	
Grenades, illuminating	Grenades éclairantes	1.2G 1.3G 1.4G	See UN0171 See UN0254 See UN0297	
GRENADES, PRACTICE, hand or rifle	GRENADES D'EXERCICE à main ou à fusil	1.2G 1.3G 1.4G 1.4S	UN0372 UN0318 UN0452 UN0110	
Grenades, smoke	Grenades fumigènes	1.2G 1.2H 1.3G 1.3H 1.4G	See UN0015 See UN0245 See UN0016 See UN0246 See UN0303	
GUANIDINE NITRATE	NITRATE DE GUANIDINE	5.1	UN1467	
GUANYL NITROSAMINOQUANYLIDENE HYDRAZINE (DRY)	GUANYL NITROSAMINOQUANYLIDÈNE HYDRAZINE SÈCHE (SEC)	Forbidden		
GUANYL NITROSAMINOQUANYLIDENE HYDRAZINE, WETTED with not less than 30% water, by mass	GUANYL NITROSAMINOQUANYLIDÈNE HYDRAZINE HUMIDIFIÉ avec au moins 30 % (masse) d'eau	1.1A	UN0113	
GUANYL NITROSAMINOQUANYLTETRAZENE, WETTED with not less than 30% water, or mixture of alcohol and water, by mass	GUANYL NITROSAMINOQUANYLTÉTRAZÈNE HUMIDIFIÉ avec au moins 30 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1A	UN0114	
Guncotton	Coton-poudre; ou Fulmicoton	1.1D 1.1D 1.3C 1.3C	See UN0340 See UN0341 See UN0342 See UN0343	
GUNPOWDER, COMPRESSED	POUDRE NOIRE COMPRIMÉE	1.1D	UN0028	
GUNPOWDER granular or as a meal	POUDRE NOIRE sous forme de grains ou de pulvérin	1.1D	UN0027	
GUNPOWDER, IN PELLETS	POUDRE NOIRE EN COMPRIMÉS	1.1D	UN0028	
Guutta percha solution	Guutta percha, solution de	3	See UN1287	
HAFNIUM POWDER, DRY	HAFNIUM EN POUDRE SEC	4.2	UN2545	

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HAFNIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) mechanically produced, particle size less than 53 microns; chemically produced, particle size less than 840 microns	HAFNIUM EN POUDRE HUMIDIFIÉ avec au moins 25 % d'eau (un excès d'eau doit être apparent) : produit mécaniquement, d'une granulométrie de moins de 53 microns; produit chimiquement, d'une granulométrie de moins de 840 microns	4.1	UN1326	
HALOGENATED MONOMETHYLDIPHENYLMETHANES, LIQUID	MONOMÉTHYLDIPHÉNYLMÉTHANES HALOGÉNÉS LIQUIDES	9	UN3151	P
HALOGENATED MONOMETHYLDIPHENYLMETHANES, SOLID	MONOMÉTHYLDIPHÉNYLMÉTHANES HALOGÉNÉS SOLIDES	9	UN3152	P
HAY, regulated only when transported by ship	FOIN, réglementé seulement lorsqu'il est transporté par navire	4.1	UN1327	
HAY, wet, damp or contaminated with oil, regulated by ship only	FOIN mouillé, humide ou souillé d'huile, réglementé seulement lorsqu'il est transporté par navire	Forbidden		
HEATING OIL, LIGHT	HUILE DE CHAUFFE LÉGÈRE	3	UN1202	
Heavy hydrogen	Hydrogène lourd	2.1	See UN1957	
HELIUM, COMPRESSED	HÉLIUM COMPRIMÉ	2.2	UN1046	
HELIUM, REFRIGERATED LIQUID	HÉLIUM LIQUIDE RÉFRIGÉRÉ	2.2	UN1963	
Heptachlor (see ORGANOCHLORINE PESTICIDE)	Heptachlore (voir PESTICIDE ORGANOCHLORÉ)			P
HEPTAFLUOROPROPANE	HEPTAFLUOROPROPANE	2.2	UN3296	
n-HEPTALDEHYDE	n-HEPTALDÉHYDE	3	UN3056	
n-Heptanal	n-Heptanal	3	See UN3056	
HEPTANES	HEPTANES	3	UN1206	P
4-Heptanone	Heptanone-4	3	See UN2710	
n-HEPTENE	n-HEPTÈNE	3	UN2278	
Heptenophos (see ORGANOPHOSPHORUS PESTICIDE)	Heptenophos (voir PESTICIDE ORGANOCHLORÉ)			P
Heptylbenzene	n-Heptylbenzène	9	See UN3082	P
Heptyl chloride	Chlorure d'heptyle	3	See UN1993	P
HETP	HETP	6.1	See UN1611	P
HEXACHLOROACETONE	HEXACHLORACÉTONE	6.1	UN2661	
HEXACHLOROBENZENE	HEXACHLOROBÉNZE	6.1	UN2729	
HEXACHLOROBUTADIENE	HEXACHLOROBUTADIÈNE	6.1	UN2279	P
1,3-Hexachlorobutadiene	Hexachlorobutadiène-1,3	6.1	See UN2279	P
Hexachloro-1,3-butadiene	Hexachloro-1,3 butadiène	6.1	See UN2279	P
HEXACHLOROCYCLOPENTADIENE	HEXACHLOROCYCLOPENTADIÈNE	6.1	UN2646	
HEXACHLOROPHENE	HEXACHLOROPHÈNE	6.1	UN2875	
Hexachloro-2-propanone	HEXACHLORACÉTONE	6.1	See UN2661	
HEXADECYLTRICHLOROSILANE	HEXDÉCYLTRICHLOROSILANE	8	UN1781	
HEXADIENE	HEXADIÈNES	3	UN2458	
HEXAETHYL TETRAPOSPHATE	TÉTRAPHOSPHATE D'HEXAÉTHYLE	6.1	UN1611	P
HEXAETHYL TETRAPROSPHATE AND COMPRESSED GAS MIXTURE	TÉTRAPHOSPHATE D'HEXAÉTHYLE ET GAZ COMPRIMÉ EN MÉLANGE	2.3	UN1612	
HEXAFLUOROACETONE	HEXAFLUORACÉTONE	2.3	UN2420	
HEXAFLUOROACETONE HYDRATE, LIQUID	HYDRATE D'HEXAFLUORACÉTONE, LIQUIDE	6.1	UN2552	
HEXAFLUOROACETONE HYDRATE, SOLID	HYDRATE D'HEXAFLUORACÉTONE, SOLIDE	6.1	UN3436	
HEXAFLUOROETHANE	HEXAFLUORÉTHANE	2.2	UN2193	
HEXAFLUOROPHOSPHORIC ACID	ACIDE HEXAFLUOROPHOSPHORIQUE	8	UN1782	
HEXAFLUOROPROPYLENE	HEXAFLUOROPROPYLÈNE	2.2	UN1858	
Hexahydrocresol	Hexahydrocrésol	3	See UN2617	
Hexahydromethyl phenol	Hexahydrométhylphénol	3	See UN2617	

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HEXALDEHYDE	HEXALDÉHYDE	3	UN1207	
HEXAMETHYLENEDIAMINE, SOLID	HEXAMÉTHYLÉNEDIAMINE SOLIDE	8	UN2280	
HEXAMETHYLENEDIAMINE SOLUTION	HEXAMÉTHYLÉNEDIAMINE EN SOLUTION	8	UN1783	
HEXAMETHYLENE DIISOCYANATE	DIISOCYANATE D'HEXAMÉTHYLÉNE	6.1	UN2281	
HEXAMETHYLENEIMINE	HEXAMÉTHYLÉNEIMINE	3	UN2493	
HEXAMETHYLENETETRAMINE	HEXAMÉTHYLÉNETRÉTRAMINE	4.1	UN1328	
HEXAMETHYLENE TRIPEROXIDE DIAMINE (DRY)	HEXAMÉTHYLÉNE TRIPEROXYDE DIAMINE (SÈCHE)	Forbidden		
HEXAMETHYLOL BENZENE HEXANITRATE	HEXANITRATE D'HEXAMÉTHYLOL BENZÈNE	Forbidden		
Hexamine	Hexamine	4.1	See UN1328	
Hexane	Hexane	3	UN1208	P
HEXANES	HEXANES	3	UN1208	P
HEXANITROAZOXY BENZENE	HEXANITROAZOXY BENZÈNE	Forbidden		
2,2',4,4',6,6'-HEXANITRO-3,3'-DIHYDROXYAZOBENZENE (DRY)	HEXANITRO-2,2',4,4',6,6' DIHYDROXY-3,3' AZOBENZÈNE (SEC)	Forbidden		
2,2',3',4,4',6-HEXANITRODIPHENYLAMINE	HEXANITRO-2,2',3',4,4',6 DIPHÉNYLAMINE	Forbidden		
HEXANITRODIPHENYLAMINE	HEXANITRODIPHÉNYLAMINE	1.1D	UN0079	
2,3',4,4',6-HEXANITRODIPHENYLETHER	HEXANITRO-2,3',4,4',6 DIPHÉNYLÉTHER	Forbidden		
N,N'-(HEXANITRODIPHENYL) ETHYLENE DINITRAMINE (DRY)	N,N'-(HEXANITRODIPHÉNYL) ÉTHYLÈNE DINITRAMINE (SECHE)	Forbidden		
HEXANITRODIPHENYL UREA	HEXANITRODIPHÉNYL URÉE	Forbidden		
HEXANITROETHANE	HEXANITROÉTHANE	Forbidden		
HEXANITROXANILIDE	HEXANITROXANILIDE	Forbidden		
HEXANITROSTILBENE	HEXANITROSTILBÈNE	1.1D	UN0392	
Hexanoic acid	Acide hexanoïque	8	See UN2829	
HEXANOLS	HEXANOLS	3	UN2282	
1-HEXENE	HEXÈNE-1	3	UN2370	
HEXOGEN, DESENSITIZED	HEXOGÈNE DÉSENSIBILISÉ	1.1D	UN0483	
HEXOGEN, WETTED with not less than 15% water, by mass	HEXOGÈNE, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0072	
HEXOGEN AND CYCLOTETRAMETHYLENETETRANITRAMINE MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	HEXOGÈNE EN MÉLANGE AVEC DE LA CYCLOTETRAMÉTHYLÉNETRÉTRANITRAMINE, DÉSENSIBILISÉ avec au moins 10% (masse) de flegmatisant	1.1D	UN0391	
HEXOGEN AND CYCLOTETRAMETHYLENETETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass	HEXOGÈNE EN MÉLANGE AVEC DE LA CYCLOTETRAMÉTHYLÉNETRÉTRANITRAMINE, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0391	
HEXOGEN AND HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	HEXOGÈNE EN MÉLANGE AVEC DU HMX, DÉSENSIBILISÉ avec au moins 10 % (masse) de flegmatisant	1.1D	UN0391	
HEXOGEN AND HMX MIXTURE, WETTED with not less than 15% water, by mass	HEXOGÈNE EN MÉLANGE AVEC DU HMX, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0391	
HEXOGEN AND OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	HEXOGÈNE EN MÉLANGE AVEC DE L'OCTOGÈNE, DÉSENSIBILISÉ avec au moins 10 % (masse) de flegmatisant	1.1D	UN0391	
HEXOGEN AND OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass	HEXOGÈNE EN MÉLANGE AVEC DE L'OCTOGÈNE, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0391	
HEXOLITE, dry or wetted with less than 15% water, by mass	HEXOLITE sèche ou humidifiée avec moins de 15 % (masse) d'eau	1.1D	UN0118	
HEXOTOL, dry or wetted with less than 15% water, by mass	HEXOTOL sec ou humidifié avec moins de 15 % (masse) d'eau	1.1D	UN0118	
HEXOTONAL	HEXOTONAL	1.1D	UN0393	
Hexontonal, cast	Hexontonal, coulé	1.1D	See UN0393	

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HEXYL	HEXYL	1.1D	UN0079	
Hexylbenzene	n-Hexylbenzène	9	See UN3082	P
Hexyl chloride	Chlorure d'hexyle	3	See UN1993	P
<i>n</i> -Hexyl alcohol	Alcool hexylique	3	See UN2282	
HEXYLTRICHLOROSILANE	HEXYLTRICHLOROSILANE	8	UN1784	
HMX, DESENSITIZED	HMX DÉSENSIBILISÉ	1.1D	UN0484	
HMX, DRY or unphlegmatised	HMX SEC ou non-flegmatisé	Forbidden		
HMX, WETTED with not less than 15% water, by mass	HMX HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0226	
HYDRAZINE, ANHYDROUS	HYDRAZINE ANHYDRE	8	UN2029	
HYDRAZINE, AQUEOUS SOLUTION with not more than 37% hydrazine, by mass	HYDRAZINE EN SOLUTION AQUEUSE contenant au plus 37 % (masse) d'hydrazine	6.1	UN3293	
HYDRAZINE, AQUEOUS SOLUTION with more than 37% hydrazine, by mass	HYDRAZINE EN SOLUTION AQUEUSE contenant plus de 37 % (masse) d'hydrazine	8	UN2030	
HYDRAZINE AQUEOUS SOLUTION, FLAMMABLE with more than 37% hydrazine, by mass	HYDRAZINE EN SOLUTION AQUEUSE, INFLAMMABLE, contenant plus de 37 % (masse) d'hydrazine	8	UN3484	
HYDRAZINE AZIDE	AZOTURE D'HYDRAZINE	Forbidden		
HYDRAZINE CHLORATE	CHLORATE D'HYDRAZINE	Forbidden		
HYDRAZINE DICARBONIC ACID DIAZIDE	DIAZOTURE DE L'ACIDE HYDRAZINE DICARBONIQUE	Forbidden		
Hydrazine hydrate	Hydrate d'hydrazine	8	See UN2030	
HYDRAZINE PERCHLORATE	PERCHLORATE D'HYDRAZINE	Forbidden		
HYDRAZINE SELENATE	SÉLÉNATE D'HYDRAZINE	Forbidden		
Hydrides, metal, water-reactive, n.o.s.	HYDRURES MÉTALLIQUES HYDRORÉACTIFS, N.S.A.	4.3	See UN1409	
Hydriodic acid, anhydrous	Acide iohydrique anhydride	2.3	See UN2197	
HYDRIODIC ACID	ACIDE IODHYDRIQUE	8	UN1787	
HYDROBROMIC ACID	ACIDE BROMHYDRIQUE	8	UN1788	
HYDROCARBONS, LIQUID, N.O.S.	HYDROCARBURES LIQUIDES, N.S.A.	3	UN3295	
HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S.	HYDROCARBURES GAZEUX EN MÉLANGE COMPRIMÉ, N.S.A.	2.1	UN1964	
HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S.	HYDROCARBURES GAZEUX EN MÉLANGE LIQUÉFIÉ, N.S.A.	2.1	UN1965	
HYDROCARBON GAS REFILLS FOR SMALL DEVICES with release device	RECHARGES D'HYDROCARBURES GAZEUX POUR PETITS APPAREILS avec dispositif de décharge	2.1	UN3150	
HYDROCHLORIC ACID	ACIDE CHLORHYDRIQUE	8	UN1789	
Hydrocyanic acid, anhydrous, stabilized, containing less than 3% water	Acide cyanhydrique anhydre stabilisé, avec moins de 3 % d'eau	6.1	See UN1051	P
Hydrocyanic acid, anhydrous, stabilized, containing less than 3% water and absorbed in a porous inert material	Acide cyanhydrique anhydre stabilisé, avec moins de 3 % d'eau et absorbé dans un matériau inerte poreux	6.1	See UN1614	P
HYDROCYANIC ACID, AQUEOUS SOLUTION with not more than 20% hydrogen cyanide	ACIDE CYANHYDRIQUE EN SOLUTION AQUEUSE contenant au plus 20 % de cyanure d'hydrogène	6.1	UN1613	P
HYDROCYANIC ACID, AQUEOUS SOLUTION with more than 20% hydrogen cyanide	CYANURE D'HYDROGÈNE EN SOLUTION AQUEUSE contenant plus de 20 % de cyanure d'hydrogène	Forbidden		
HYDROCYANIC ACID (PRUSSIC), UNSTABILIZED	ACIDE CYANHYDRIQUE (PRUSSIQUE), NON-STABILISÉ	Forbidden		
HYDROFLUORIC ACID, solution, with not more than 60% hydrofluoric acid	ACIDE FLUORHYDRIQUE, contenant au plus 60 % de fluorure d'hydrogène	8	UN1790	
HYDROFLUORIC ACID, solution, with more than 60% hydrofluoric acid	ACIDE FLUORHYDRIQUE, contenant plus de 60 % de fluorure d'hydrogène	8	UN1790	
HYDROFLUORIC ACID AND SULFURIC ACID MIXTURE	ACIDE FLUORHYDRIQUE ET ACIDE SULFURIQUE EN MÉLANGE	8	UN1786	
HYDROFLUORIC ACID AND SULPHURIC ACID MIXTURE	ACIDE FLUORHYDRIQUE ET ACIDE SULFURIQUE EN MÉLANGE	8	UN1786	
Hydrofluoroboric acid	Acide hydrofluoroborique	8	See UN1775	

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Hydrofluosilicic acid	Acide hydrofluosilicique	8	See UN1778	
HYDROGEN, COMPRESSED	HYDROGÈNE COMPRIMÉ	2.1	UN1049	
HYDROGEN, REFRIGERATED LIQUID	HYDROGÈNE LIQUIDE RÉFRIGÉRÉ	2.1	UN1966	
HYDROGEN AND METHANE MIXTURE, COMPRESSED	HYDROGÈNE ET MÉTHANE EN MÉLANGE COMPRIMÉ	2.1	UN2034	
Hydrogen arsenide	Hydrogène arsénien	2.3	See UN2188	
HYDROGEN BROMIDE, ANHYDROUS	BROMURE D'HYDROGÈNE ANHYDRE	2.3	UN1048	
Hydrogen bromide solution	Bromure d'hydrogène en solution	8	See UN1788	
HYDROGEN CHLORIDE, ANHYDROUS	CHLORURE D'HYDROGÈNE ANHYDRE	2.3	UN1050	
HYDROGEN CHLORIDE, REFRIGERATED LIQUID	CHLORURE D'HYDROGÈNE LIQUIDE RÉFRIGÉRÉ	2.3	UN2186	
HYDROGEN CYANIDE, AQUEOUS SOLUTION with not more than 20% hydrogen cyanide	CYANURE D'HYDROGÈNE EN SOLUTION AQUEUSE contenant au plus 20 % de cyanure d'hydrogène	6.1	UN1613	P
HYDROGEN CYANIDE, AQUEOUS SOLUTION with more than 20% hydrogen cyanide	CYANURE D'HYDROGÈNE EN SOLUTION AQUEUSE contenant plus de 20 % de cyanure d'hydrogène	Forbidden		
HYDROGEN CYANIDE, SOLUTION IN ALCOHOL with not more than 45% hydrogen cyanide	CYANURE D'HYDROGÈNE EN SOLUTION ALCOOLIQUE contenant au plus 45 % de cyanure d'hydrogène	6.1	UN3294	P
HYDROGEN CYANIDE, STABILIZED, containing less than 3% water	CYANURE D'HYDROGÈNE STABILISÉ, avec moins de 3 % d'eau	6.1	UN1051	P
HYDROGEN CYANIDE, STABILIZED, containing less than 3% water and absorbed in a porous inert material	CYANURE D'HYDROGÈNE STABILISÉ, avec moins de 3 % d'eau et absorbé dans un matériau inerte poreux	6.1	UN1614	P
HYDROGENDIFLUORIDES, SOLID, N.O.S.	HYDROGÉNODIFLUORURES SOLIDES, N.S.A.	8	UN1740	
HYDROGENDIFLUORIDES SOLUTION, N.O.S.	HYDROGÉNODIFLUORURES EN SOLUTION, N.S.A.	8	UN3471	
HYDROGEN FLUORIDE, ANHYDROUS	FLUORURE D'HYDROGÈNE ANHYDRE	8	UN1052	
Hydrogen fluoride solution	Fluorure d'hydrogène en solution	8	See UN1790	
HYDROGEN IN A METAL HYDRIDE STORAGE SYSTEM	HYDROGÈNE DANS UN DISPOSITIF DE STOCKAGE À HYDRURE MÉTALLIQUE	2.1	UN3468	
HYDROGEN IN A METAL HYDRIDE STORAGE SYSTEM CONTAINED IN EQUIPMENT	HYDROGÈNE DANS UN DISPOSITIF DE STOCKAGE À HYDRURE MÉTALLIQUE CONTENU DANS UN ÉQUIPEMENT	2.1	UN3468	
HYDROGEN IN A METAL HYDRIDE STORAGE SYSTEM PACKED WITH EQUIPMENT	HYDROGÈNE DANS UN DISPOSITIF DE STOCKAGE À HYDRURE MÉTALLIQUE EMBALLÉ AVEC UN ÉQUIPEMENT	2.1	UN3468	
HYDROGEN IODIDE, ANHYDROUS	IODURE D'HYDROGÈNE ANHYDRE	2.3	UN2197	
Hydrogen iodide solution	Iodure d'hydrogène en solution	8	See UN1787	
HYDROGEN PEROXIDE, STABILIZED	PEROXYDE D'HYDROGÈNE STABILISÉ	5.1	UN2015	
HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than 20% hydrogen peroxide (stabilized as necessary)	PEROXYDE D'HYDROGÈNE EN SOLUTION AQUEUSE contenant au minimum 8 % mais moins de 20 % de peroxyde d'hydrogène (stabilisée selon les besoins)	5.1	UN2984	
HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	PEROXYDE D'HYDROGÈNE EN SOLUTION AQUEUSE contenant au moins 20 % mais au maximum 60 % de peroxyde d'hydrogène (stabilisée selon les besoins)	5.1	UN2014	
HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 60% hydrogen peroxide	PEROXYDE D'HYDROGÈNE EN SOLUTION AQUEUSE STABILISÉE contenant plus de 60 % de peroxyde d'hydrogène	5.1	UN2015	
HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED with acid(s), water and not more than 5% peroxyacetic acid, STABILIZED	PEROXYDE D'HYDROGÈNE ET ACIDE PEROXYACÉTIQUE EN MÉLANGE STABILISÉ avec acide(s), eau et au plus 5 % d'acide peroxyacétique	5.1	UN3149	
HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, with more than 43% peroxyacetic acid and more than 5% hydrogen peroxide	PEROXYDE D'HYDROGÈNE ET ACIDE PEROXYACÉTIQUE EN MÉLANGE, avec plus de 43 % d'acide peroxyacétique et plus de 5 % de peroxyde d'hydrogène	Forbidden		
HYDROGEN SELENIDE, ADSORBED	SÉLENIURE D'HYDROGÈNE ADSORBÉ	2.3	UN3526	
HYDROGEN SELENIDE, ANHYDROUS	SÉLENIURE D'HYDROGÈNE ANHYDRE	2.3	UN2202	
Hydrogen silicide	Hydrogène silicié	2.1	See UN2203	
HYDROGEN SULFIDE	SULFURE D'HYDROGÈNE	2.3	UN1053	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
HYDROGEN SULPHIDE	SULFURE D'HYDROGÈNE	2.3	UN1053	
Hydroselenic acid	Acide sélénhydrique	2.3	See UN2202	
Hydrosilicofluoric acid	ACIDE FLUOROSILICIQUE	8	See UN1778	
1-HYDROXYBENZATRIAZOLE, ANHYDROUS, dry or wetted with less than 20% water, by mass	1-HYDROXYBENZOTRIAZOLE ANHYDRE sec ou humidifié avec moins de 20 % (masse) d'eau	1.3C	UN0508	
1-HYDROXYBENZATRIAZOLE MONOHYDRATE	1-HYDROXYBENZOTRIAZOLE MONOHYDRATÉ	4.1	UN3474	
3-Hydroxybutan-2-one	Hydroxy-3 butanone-2	3	See UN2621	
HYDROXYLAMINE IODIDE	IODURE D'HYDROXYLAMINE	Forbidden		
HYDROXYLAMINE SULFATE	SULFATE NEUTRE D'HYDROXYLAMINE	8	UN2865	
HYDROXYLAMINE SULPHATE	SULFATE NEUTRE D'HYDROXYLAMINE	8	UN2865	
1-Hydroxy-3-methyl-2-penten-4-yne	3-Méthylpent-2-ène-4-yol	8	See UN2705	
3-Hydroxyphenol	Hydroxy-3 phénol	6.1	See UN2876	
HYPHOCHLORITES, INORGANIC, N.O.S.	HYPHOCHLORITES INORGANIQUES, N.S.A.	5.1	UN3212	
HYPHOCHLORITE SOLUTION, more than 7% available chlorine	HYPHOCHLORITE EN SOLUTION contenant plus de 7 % de chlore actif	8	UN1791	P
HYPONITROUS ACID	ACIDE HYPONITREUX	Forbidden		
IGNITERS	ALLUMEURS; ou INFLAMMATEURS	1.1G 1.2G 1.3G 1.4G 1.4S	UN0121 UN0314 UN0315 UN0325 UN0454	
3,3'-IMINODIPROPYLAMINE	IMINOBISPROPYLAMINE-3,3'	8	UN2269	
India rubber	Caoutchouc naturel	3	See UN1287	
INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only	MATIÈRE INFECTIEUSE POUR LES ANIMAUX uniquement	6.2	UN2900	
INFECTIOUS SUBSTANCE, AFFECTING HUMANS	MATIÈRE INFECTIEUSE POUR L'HOMME	6.2	UN2814	
Ink, printer's, flammable	ENCRES D'IMPRIMERIE	3	See UN1210	
INITIATING EXPLOSIVES (DRY)	EXPLOSIFS D'AMORÇAGE (SEC)	Forbidden		
INOSITOL HEXANITRATE (DRY)	HEXANITRATE D'INOSITOL (SEC)	Forbidden		
INSECTICIDE GAS, N.O.S.	GAZ INSECTICIDE, N.S.A.	2.2	UN1968	
INSECTICIDE GAS, FLAMMABLE, N.O.S.	GAZ INSECTICIDE INFLAMMABLE, N.S.A.	2.1	UN3354	
INSECTICIDE GAS, TOXIC, N.O.S.	GAZ INSECTICIDE TOXIQUE, N.S.A.	2.3	UN1967	
INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S.	GAZ INSECTICIDE TOXIQUE, INFLAMMABLE, N.S.A.	2.3	UN3355	
INULIN TRINITRATE (DRY)	TRINITRATE D'INULINE (SEC)	Forbidden		
IODINE	IODE	8	UN3495	
IODINE AZIDE (DRY)	AZOTURE D'IODE (SEC)	Forbidden		
IODINE MONOCHLORIDE, LIQUID	MONOCHLORURE D'IODE LIQUIDE	8	UN3498	
IODINE MONOCHLORIDE, SOLID	MONOCHLORURE D'IODE SOLIDE	8	UN1792	
IODINE PENTAFLUORIDE	PENTAFLUORURE D'IODE	5.1	UN2495	
Iodine protochloride	Protochlorure d'iode	8 8	See UN1792 See UN3498	
2-IODOBUTANE	IODO-2 BUTANE	3	UN2390	
Iodomethane	Iodométhane	6.1	See UN2644	
IODOMETHYLPROPANES	IODOMÉTHYLPROPANES	3	UN2391	
IODOPROPANES	IODOPROPANES	3	UN2392	
<i>alpha</i> -Iodotoluene	<i>alpha</i> -Iodotoluène	6.1	See UN2653	
IDOXY COMPOUNDS (DRY)	COMPOSÉS IODOXY (SECS)	Forbidden		
Ioxynil (see PESTICIDE, N.O.S.)	Ioxynil (voir PESTICIDE, N.S.A.)			P
IPDI	IPDI	6.1	See UN2290	

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IRIDIUM NITRATOPENTAMINE IRIDIUM NITRATE	NITRATE D'IRIDIUM NITRATOPENTAMINE IRIDIUM	Forbidden		
Iron chloride, anhydrous	Chlorure ferrique (III), anhydre	8	See UN1773	
Iron (III) chloride, anhydrous	Chlorure ferrique (III), anhydre	8	See UN1773	
Iron chloride solution	Chlorure de fer en solution	8	See UN2582	
IRON OXIDE, SPENT obtained from coal gas purification	OXYDE DE FER RÉSIDUAIRE provenant de la purification du gaz de ville	4.2	UN1376	
IRON PENTACARBONYL	FER PENTACARBONYLE	6.1	UN1994	
Iron perchloride, anhydrous	Perchlorure de fer, anhydre	8	See UN1773	
Iron perchloride solution	Perchlorure de fer en solution	8	See UN2582	
Iron powder, pyrophoric	Fer en poudre, pyrophorique	4.2	See UN1383	
Iron sesquichloride, anhydrous	Sesquichlorure de fer, anhydre	8	See UN1773	
IRON SPONGE, SPENT obtained from coal gas purification	TOURNURE DE FER RÉSIDUAIRE provenant de la purification du gaz de ville	4.2	UN1376	
Iron swarf	Métaux ferreux (rognures, copeaux, tournures ou ébarbures de) sous une forme susceptible d'échauffement spontané	4.2	See UN2793	
Isobenzan (see ORGANOCHLORINE PESTICIDE)	Isobenzan (voir PESTICIDE ORGANOCHLORÉ)			P
ISOBUTANE	ISOBUTANE	2.1	UN1969	
ISOBUTANOL	ISOBUTANOL	3	UN1212	
Isobutene	Isobutène	2.1	See UN1055	
ISOBUTYL ACETATE	ACÉTATE D'ISOBUTYLE	3	UN1213	
ISOBUTYL ACRYLATE, STABILIZED	ACRYLATE D'ISOBUTYLE STABILISÉ	3	UN2527	
ISOBUTYL ALCOHOL	ALCOOL ISOBUTYLIQUE	3	UN1212	
ISOBUTYL ALDEHYDE	ALDÉHYDE ISOBUTYRIQUE	3	UN2045	
ISOBUTYL FORMATE	FORMIATE D'ISOBUTYLE	3	UN2393	
ISOBUTYL ISOBUTYRATE	ISOBUTYRATE D'ISOBUTYLE	3	UN2528	
ISOBUTYL ISOCYANATE	ISOCYANATE D'ISOBUTYLE	6.1	UN2486	
ISOBUTYL METHACRYLATE, STABILIZED	MÉTHACRYLATE D'ISOBUTYLE, STABILISÉ	3	UN2283	
ISOBUTYL PROPIONATE	PROPIONATE D'ISOBUTYLE	3	UN2394	
ISOBUTYLAMINE	ISOBUTYLAMINE	3	UN1214	
ISOBUTYLENE	ISOBUTYLÈNE	2.1	UN1055	
ISOBUTYRALDEHYDE	ISOBUTYRALDÉHYDE	3	UN2045	
ISOBUTYRIC ACID	ACIDE ISOBUTYRIQUE	3	UN2529	
ISOBUTYRONITRILE	ISOBUTYRONITRILE	3	UN2284	
ISOBUTYRYL CHLORIDE	CHLORURE D'ISOBUTYRYLE	3	UN2395	
ISOCYANATES, FLAMMABLE, TOXIC, N.O.S.	ISOCYANATES INFLAMMABLES, TOXIQUES, N.S.A.	3	UN2478	
ISOCYANATES, TOXIC, FLAMMABLE, N.O.S.	ISOCYANATES TOXIQUES, INFLAMMABLES, N.S.A.	6.1	UN3080	
ISOCYANATES, TOXIC, N.O.S.	ISOCYANATES TOXIQUES, N.S.A.	6.1	UN2206	
ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.	ISOCYANATE EN SOLUTION, INFLAMMABLE, TOXIQUE, N.S.A.	3	UN2478	
ISOCYANATE SOLUTION, TOXIC, FLAMMABLE, N.O.S.	ISOCYANATE TOXIQUE, INFLAMMABLE, EN SOLUTION, N.S.A.	6.1	UN3080	
ISOCYANATE SOLUTION, TOXIC, N.O.S.	ISOCYANATE TOXIQUE EN SOLUTION, N.S.A.	6.1	UN2206	
ISOCYANATOBENZOTRIFLUORIDES	FLUORURES D'ISOCYANATOBENZYLIDYNE	6.1	UN2285	
3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate	Isocyanate d'isocyanatométhyl-3 triméthyl-3,5,5 cyclohexyle	6.1	See UN2290	
Isodecyl acrylate	Acrylate d'isodécyle	9	See UN3082	P
Isododecane	Isododécane	3	See UN2286	
Isofenphos (see ORGANOPHOSPHORUS PESTICIDE)	Isofenphos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
ISOHEPTENES	ISOHEPTÈNES	3	UN2287	

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ISOHEXENES	ISOHEXÈNES	3	UN2288	
Isooctane	Isooctane	3	See UN1262	P
ISOOCTENES	ISOOCTÈNES	3	UN1216	
Isooctyl nitrate	Nitrate d'isoctyle	9	See UN3082	P
Isopentane	Isopentane	3	See UN1265	
ISOPENTENES	ISOPENTÈNES	3	UN2371	
Isopentylamine	Isopentylamine	3	See UN1106	
Isopentyl nitrite	Nitrite d'isopentyle	3	See UN1113	
ISOPHORONEDIAMINE	ISOPHORONEDIAMINE	8	UN2289	
ISOPHORONE DIISOCYANATE	DIISOCYANATE D'ISOPHORONE	6.1	UN2290	
ISOPRENE, STABILIZED	ISOPRÈNE STABILISÉ	3	UN1218	P
Isoprocarb (see CARBAMATE PESTICIDE)	Isoprocarbe (voir CARBAMATE PESTICIDE)			P
ISOPROPANOL	ISOPROPANOL	3	UN1219	
ISOPROPYNOL ACETATE	ACÉTATE D'ISOPROPÉNYLE	3	UN2403	
ISOPROPENYLBENZENE	ISOPROPÉNYLBÉNÈSE	3	UN2303	
ISOPROPYL ACETATE	ACÉTATE D'ISOPROPYLE	3	UN1220	
ISOPROPYL ACID PHOSPHATE	PHOSPHATE ACIDE D'ISOPROPYLE	8	UN1793	
ISOPROPYL ALCOHOL	ALCOOL ISOPROPYLIQUE	3	UN1219	
ISOPROPYL BUTYRATE	BUTYRATE D'ISOPROPYLE	3	UN2405	
Isopropyl chloride	Chlorure d'isopropyle	3	See UN2356	
ISOPROPYL CHLOROACETATE	CHLORACÉTATE D'ISOPROPYLE	3	UN2947	
ISOPROPYL CHLOROFORMATE	CHLOROFORMIATE D'ISOPROPYLE	6.1	UN2407	
ISOPROPYL 2-CHLOROPROPIONATE	CHLORO-2 PROPIONATE D'ISOPROPYLE	3	UN2934	
Isopropyl-alpha-chloropropionate	alpha-Chloropropionate d'isopropyle	3	See UN2934	
ISOPROPYLCUMYL HYDROPEROXIDE, with more than 72% in solution	HYDROPEROXYDE D'ISOPROPYLCUMYLE, avec plus de 72 % en solution	Forbidden		
Isopropyl ether	Oxyde de diisopropyle	3	See UN1159	
Isopropylethylene	Isopropyléthylène	3	See UN2561	
Isopropyl formate	Formiate d'isopropyle	3	See UN1281	
ISOPROPYL ISOBUTYRATE	ISOBUTYRATE D'ISOPROPYLE	3	UN2406	
ISOPROPYL ISOCYANATE	ISOCYANATE D'ISOPROPYLE	6.1	UN2483	
Isopropyl mercaptan	Mercaptan isopropylique	3	See UN2402	
ISOPROPYL NITRATE	NITRATE D'ISOPROPYLE	3	UN1222	
ISOPROPYL PROPIONATE	PROPIONATE D'ISOPROPYLE	3	UN2409	
ISOPROPYLAMINE	ISOPROPYLAMINE	3	UN1221	
ISOPROPYLBENZENE	ISOPROPYLBÉNÈSE	3	UN1918	
Isopropyltoluene	Isopropyltoluène	3	See UN2046	P
Isopropyltoluol	Isopropyltoluol	3	See UN2046	P
ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch or calcium hydrogen phosphate	DINITRATE D'ISOSORBIDE EN MÉLANGE avec au moins 60 % de lactose, de mannose, d'amidon ou d'hydrogénophosphate de calcium	4.1	UN2907	
ISOSORBIDE-5-MONONITRATE, with less than 30% non-volatile, non-flammable phlegmatizer	MONONITRATE-5 D'ISOSORBIDE avec moins de 30 % d'un flegmatisant non volatil, non inflammable	4.1	UN3251	
Isotetramethylbenzene	Isotetraméthylbenzène	9	See UN3082	P
ISOTHIOCYANIC ACID	ACIDE ISOTHIOCYANIQUE	Forbidden		
Isovaleraldehyde	Isovaléraldéhyde	3	See UN2058	
Isovaleryl chloride	Chlorure d'isovaléryle	8	See UN2502	
Ixoathion (see ORGANOPHOSPHORUS PESTICIDE)	Ixoathion (voir PESTICIDE ORGANOPHOSPHORÉ)			P

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JET PERFORATING GUNS, CHARGED, oil well, without detonator	PERFORATEURS À CHARGE CREUSE pour puits de pétrole, sans détonateur	1.1D 1.4D	UN0124 UN0494	
Jet tappers, without detonator	CHARGES CREUSES sans détonateur	1.1D	See UN0059	
KEROSENE	KÉROSÈNE	3	UN1223	
KETONES, LIQUID, N.O.S.	CÉTONES LIQUIDES, N.S.A.	3	UN1224	
KRILL MEAL	FARINE DE KRILL	4.2	UN3497	
KRYPTON, COMPRESSED	KRYPTON COMPRIMÉ	2.2	UN1056	
KRYPTON, REFRIGERATED LIQUID	KRYPTON LIQUIDE RÉFRIGÉRÉ	2.2	UN1970	
Lacquer bases, liquid, n.o.s.	Bases liquides pour laques	3 8	See UN1263 See UN3066	
Lacquer base or lacquer chips, nitrocellulose, dry	Laque, matière de base pour ou particules pour, sèches avec nitrocellulose	4.1	See UN2557	
Lacquer base or lacquer chips, plastic, wet with alcohol or solvent	Laque, matière de base pour ou particules pour, humidifiées avec de l'alcool ou du solvant	3 3 4.1 4.1	See UN1263 See UN2059 See UN2555 See UN2556	
LEAD ACETATE	ACÉTATE DE PLOMB	6.1	UN1616	P
Lead (II) acetate	Acétate de plomb (II)	6.1	See UN1616	P
Lead and zinc calcines	Calcines de plomb et de zinc	6.1	See UN2291	P
LEAD ARSENATES	ARSÉNIATES DE PLOMB	6.1	UN1617	P
LEAD ARSENITES	ARSÉNITES DE PLOMB	6.1	UN1618	P
LEAD AZIDE (DRY)	AZOTURE DE PLOMB (SEC)	Forbidden		
LEAD AZIDE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	AZOTURE DE PLOMB HUMIDIFIÉ avec au moins 20 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1A	UN0129	
Lead chloride, solid	Chlorure de plomb, solide	6.1	See UN2291	P
LEAD COMPOUND, SOLUBLE, N.O.S.	COMPOSÉ SOLUBLE DU PLOMB, N.S.A.	6.1	UN2291	P
LEAD CYANIDE	CYANURE DE PLOMB	6.1	UN1620	P
Lead (II) cyanide	Cyanure de plomb (II)	6.1	See UN1620	P
LEAD DIOXIDE	DIOXYDE DE PLOMB	5.1	UN1872	
LEAD NITRATE	NITRATE DE PLOMB	5.1	UN1469	P
Lead (II) nitrate	Nitrate de plomb (II)	5.1	See UN1469	P
LEAD NITRORESORCINATE (DRY)	NITRORÉSORCINATE DE PLOMB (SEC)	Forbidden		
LEAD PERCHLORATE, SOLID	PERCHLORATE DE PLOMB, SOLIDE	5.1	UN1470	P
Lead (II) perchlorate	Perchlorate de plomb (II)	5.1	See UN1470 See UN3408	P
LEAD PERCHLORATE SOLUTION	PERCHLORATE DE PLOMB EN SOLUTION	5.1	UN3408	P
Lead peroxide	Peroxyde de plomb	5.1	See UN1872	
LEAD PHOSPHITE, DIBASIC	PHOSPHITE DE PLOMB DIBASIQUE	4.1	UN2989	
LEAD PICRATE (DRY)	PICRATE DE PLOMB (SEC)	Forbidden		
LEAD STYPHNATE (DRY)	STYPHNATE DE PLOMB (SEC)	Forbidden		
LEAD STYPHNATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	STYPHNATE DE PLOMB HUMIDIFIÉ avec au moins 20 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1A	UN0130	
LEAD SULFATE with more than 3% free acid	SULFATE DE PLOMB contenant plus de 3 % d'acide libre	8	UN1794	
LEAD SULPHATE with more than 3% free acid	SULFATE DE PLOMB contenant plus de 3 % d'acide libre	8	UN1794	
Lead tetraethyl	Plomb-tétraéthyle	6.1	See UN1649	P
Lead tetramethyl	Plomb-tétraméthyle	6.1	See UN1649	P
LEAD TRINITRORESORCINATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	TRINITRORÉSORCINATE DE PLOMB HUMIDIFIÉ avec au moins 20 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1A	UN0130	

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LIFE-SAVING APPLIANCES NOT SELF-INFLATING, containing dangerous goods as equipment	ENGINS DE SAUVENTAGE NON AUTOGONFLABLES contenant des marchandises dangereuses comme équipement	9	UN3072	
LIFE-SAVING APPLIANCES, SELF-INFLATING	ENGINS DE SAUVENTAGE AUTOGONFLABLES	9	UN2990	
LIGHTER REFILLS containing flammable gas and capable of passing the tests specified in the <i>Lighters Regulations</i>	RECHARGES POUR BRIQUETS contenant un gaz inflammable et satisfaisant les exigences des essais prévus au <i>Règlement sur les briquets</i>	2.1	UN1057	
LIGHTERS containing flammable gas and capable of passing the tests specified in the <i>Lighters Regulations</i>	BRIQUETS contenant un gaz inflammable et satisfaisant les exigences des essais prévus au <i>Règlement sur les briquets</i>	2.1	UN1057	
LIGHTERS, FUSE	ALLUMEURS POUR MÈCHE DE MINEUR	1.4S	UN0131	
LIGHTERS WITH LIGHTER FLUID	BRIQUETS CONTENANT UN LIQUIDE INFLAMMABLE	Forbidden		
Ligroin	Ligroïne	3	See UN1268	
Limonene	Limonène	3	See UN2052	P
Lindane (see ORGANOCHLORINE PESTICIDE)	Lindane (voir PESTICIDE ORGANOCHLORÉ)			P
Linuron	Linuron		See Note 1	P
LIQUEFIED GAS, N.O.S.	GAZ LIQUÉFIÉ, N.S.A.	2.2	UN3163	
LIQUEFIED GASES, non-flammable, charged with nitrogen, carbon dioxide or air	GAZ LIQUÉFIÉS ininflammables, additionnés d'azote, de dioxyde de carbone ou d'air	2.2	UN1058	
LIQUEFIED GAS, FLAMMABLE, N.O.S.	GAZ LIQUÉFIÉ INFLAMMABLE, N.S.A.	2.1	UN3161	
LIQUEFIED GAS, OXIDIZING, N.O.S.	GAZ LIQUÉFIÉ COMBURANT, N.S.A.	2.2	UN3157	
LIQUEFIED GAS, TOXIC, N.O.S.	GAZ LIQUÉFIÉ TOXIQUE, N.S.A.	2.3	UN3162	
LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.	GAZ LIQUÉFIÉ TOXIQUE, CORROSIF, N.S.A.	2.3	UN3308	
LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.	GAZ LIQUÉFIÉ TOXIQUE, INFLAMMABLE, N.S.A.	2.3	UN3160	
LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	GAZ LIQUÉFIÉ TOXIQUE, INFLAMMABLE, CORROSIF, N.S.A.	2.3	UN3309	
LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.	GAZ LIQUÉFIÉ TOXIQUE, COMBURANT, N.S.A.	2.3	UN3307	
LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	GAZ LIQUÉFIÉ TOXIQUE, COMBURANT, CORROSIF, N.S.A.	2.3	UN3310	
LIQUEFIED PETROLEUM GASES	GAZ DE PÉTROLE LIQUÉFIÉS; ou GAZ LIQUÉFIÉS DE PÉTROLE	2.1	UN1075	
LITHIUM	LITHIUM	4.3	UN1415	
Lithium alkyls, liquid	Alkyllithiums liquides	4.2	See UN3394	
Lithium alkyls, solid	Alkyllithiums solides	4.2	See UN3393	
Lithium alloy batteries	Piles à alliage de lithium	9	See UN3090 See UN3091	
LITHIUM ALUMINUM HYDRIDE	HYDRURE DE LITHIUM-ALUMINIUM	4.3	UN1410	
LITHIUM ALUMINUM HYDRIDE, ETHEREAL	HYDRURE DE LITHIUM-ALUMINIUM DANS L'ÉTHER	4.3	UN1411	
LITHIUM BOROHYDRIDE	BOROHYDRURE DE LITHIUM	4.3	UN1413	
LITHIUM FERROSILICON	SILICO-FERRO-LITHIUM	4.3	UN2830	
LITHIUM HYDRIDE	HYDRURE DE LITHIUM	4.3	UN1414	
LITHIUM HYDRIDE, FUSED SOLID	PIÈCES COULÉES D'HYDRURE DE LITHIUM SOLIDE	4.3	UN2805	
LITHIUM HYDROXIDE	HYDROXYDE DE LITHIUM	8	UN2680	
LITHIUM HYDROXIDE SOLUTION	HYDROXYDE DE LITHIUM EN SOLUTION	8	UN2679	
LITHIUM HYPOCHLORITE, DRY	HYPOCHLORITE DE LITHIUM SEC	5.1	UN1471	
LITHIUM HYPOCHLORITE MIXTURE	HYPOCHLORITE DE LITHIUM EN MÉLANGE	5.1	UN1471	
Lithium in cartouches	Lithium en cartouches	4.3	See UN1415	
LITHIUM ION BATTERIES	PILES AU LITHIUM IONIQUE	9	UN3480	
LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT	PILES AU LITHIUM IONIQUE CONTENUES DANS UN ÉQUIPEMENT	9	UN3481	

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LITHIUM ION BATTERIES PACKED WITH EQUIPMENT	PILES AU LITHIUM IONIQUE EMBALLÉES AVEC UN ÉQUIPEMENT	9	UN3481	
Lithium ion polymer batteries	Piles au lithium ionique à membrane polymère	9	See UN3480 See UN3481	
LITHIUM METAL BATTERIES (including lithium alloy batteries)	PILES AU LITHIUM MÉTAL (y compris les piles à alliage de lithium)	9	UN3090	
LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT (including lithium alloy batteries)	PILES AU LITHIUM MÉTAL CONTENUES DANS UN ÉQUIPEMENT (y compris les piles à alliage de lithium)	9	UN3091	
LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT (including lithium alloy batteries)	PILES AU LITHIUM MÉTAL EMBALLÉES AVEC UN ÉQUIPEMENT (y compris les piles à alliage de lithium)	9	UN3091	
LITHIUM NITRATE	NITRATE DE LITHIUM	5.1	UN2722	
LITHIUM NITRIDE	NITRURE DE LITHIUM	4.3	UN2806	
LITHIUM PEROXIDE	PEROXYDE DE LITHIUM	5.1	UN1472	
Lithium silicide	Silicure de lithium	4.3	See UN1417	
LITHIUM SILICON	SILICO-LITHIUM	4.3	UN1417	
L.N.G.	GNL	2.1	SEE UN1972	
LONDON PURPLE	POURPRE DE LONDRES	6.1	UN1621	P
L.P.G.	GPL	2.1	SEE UN1075	
Lye	Soude	8	See UN1823	
Lythene	Lythène	3	See UN1268	
MACHINERY, FUEL CELL, FLAMMABLE GAS POWERED	MACHINE PILE À COMBUSTIBLE CONTENANT DU GAZ INFLAMMABLE	2.1	UN3529	
MACHINERY, FUEL CELL, FLAMMABLE LIQUID POWERED	MACHINE PILE À COMBUSTIBLE CONTENANT DU LIQUIDE INFLAMMABLE	3	UN3528	
MACHINERY, INTERNAL COMBUSTION	MACHINE À COMBUSTION INTERNE	9	UN3530	
MACHINERY, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED	MACHINE À COMBUSTION INTERNE FONCTIONNANT AU GAZ INFLAMMABLE	2.1	UN3529	
MACHINERY, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED	MACHINE À COMBUSTION INTERNE FONCTIONNANT AU LIQUIDE INFLAMMABLE	3	UN3528	
MAGNESIUM in pellets, turnings or ribbons	MAGNÉSIUM, sous forme de granulés, de tournures ou de rubans	4.1	UN1869	
Magnesium alkyls	Alkylmagnésiums	4.2	See UN3394	
MAGNESIUM ALLOYS with more than 50% magnesium, in pellets, turnings or ribbons	ALLIAGES DE MAGNÉSIUM, contenant plus de 50 % de magnésium, sous forme de granulés, de tournures ou de rubans	4.1	UN1869	
MAGNESIUM ALLOYS, POWDER	ALLIAGES DE MAGNÉSIUM EN POUDRE	4.3	UN1418	
MAGNESIUM ALUMINUM PHOSPHIDE	PHOSPHURE DE MAGNÉSIUM-ALUMINIUM	4.3	UN1419	
MAGNESIUM ARSENATE	ARSÉNATE DE MAGNÉSIUM	6.1	UN1622	P
Magnesium bisulfite solution	Bisulfite de magnésium en solution	8	See UN2693	
Magnesium bisulphite solution	Bisulphite de magnésium en solution	8	See UN2693	
MAGNESIUM BROMATE	BROMATE DE MAGNÉSIUM	5.1	UN1473	
MAGNESIUM CHLORATE	CHLORATE DE MAGNÉSIUM	5.1	UN2723	
Magnesium chloride and chlorate mixture	Chlorure de magnésium et chlorate de magnésium en mélange; ou Chlorure et chlorate de magnésium en mélange	5.1	See UN1459 See UN3407	
MAGNESIUM DIAMIDE	DIAMIDEMAGNÉSIUM	4.2	UN2004	
Magnesium diphenyl	Diphénylmagnésium	4.2	See UN3393	
MAGNESIUM DROSS, WET OR HOT	CRASSES DE MAGNÉSIUM, HUMIDES OU CHAUDES	Forbidden		
MAGNESIUM FLUOROSILICATE	FLUOROSILICATE DE MAGNÉSIUM	6.1	UN2853	
MAGNESIUM GRANULES, COATED, particle size not less than 149 microns	GRANULÉS DE MAGNÉSIUM ENROBÉS d'une granulométrie d'au moins 149 microns	4.3	UN2950	

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MAGNESIUM HYDRIDE	HYDRURE DE MAGNÉSIUM	4.3	UN2010	
MAGNESIUM NITRATE	NITRATE DE MAGNÉSIUM	5.1	UN1474	
MAGNESIUM PERCHLORATE	PERCHLORATE DE MAGNÉSIUM	5.1	UN1475	
MAGNESIUM PEROXIDE	PEROXYDE DE MAGNÉSIUM	5.1	UN1476	
MAGNESIUM PHOSPHIDE	PHOSPHURE DE MAGNÉSIUM	4.3	UN2011	
MAGNESIUM POWDER	MAGNÉSIUM EN POUDRE	4.3	UN1418	
Magnesium scrap	Magnésium, déchets de	4.1	See UN1869	
MAGNESIUM SILICIDE	SILICIURE DE MAGNÉSIUM	4.3	UN2624	
Magnesium silicofluoride	Fluosilicate de magnésium	6.1	See UN2853	
MAGNETIZED MATERIAL, regulated only when transported by aircraft	MASSES MAGNÉTISÉES, réglementées seulement lorsqu'elles sont transportées par aéronef	9	UN2807	
Malathion	Malathion	9	See UN3082	P
MALEIC ANHYDRIDE	ANHYDRIDE MALÉIQUE	8	UN2215	
MALEIC ANHYDRIDE, MOLTEN	ANHYDRIDE MALÉIQUE FONDU	8	UN2215	
Malonic dinitrile	Nitrile malonique	6.1	See UN2647	
Malonodinitrile	Malonodinitrile	6.1	See UN2647	
MALONONITRILE	MALONONITRILE	6.1	UN2647	
Mancozeb (ISO)	Mancozèbe (ISO)	9	See UN3077	P
MANEB	MANÈBE	4.2	UN2210	P
MANEB PREPARATION with not less than 60% maneb	PRÉPARATION DE MANÈBE contenant au moins 60 % de manèbe	4.2	UN2210	P
MANEB PREPARATION, STABILIZED against self-heating	PRÉPARATION DE MANÈBE STABILISÉE contre l'auto-échauffement	4.3	UN2968	P
MANEB, STABILIZED against self-heating	MANÈBE STABILISÉ contre l'auto-échauffement	4.3	UN2968	P
Manganese ethylene-1,2-bis-dithiocarbamate	Éthylènebisdithiocarbamate-1,2 de manganèse	4.2	See UN2210	P
Manganese ethylene-bis-dithiocarbamate	Éthylènebisdithiocarbamate de manganèse	4.2	See UN2210	P
Manganese ethylene-1,2-bis-dithiocarbamate, stabilized	Éthylènebisdithiocarbamate-1,2 de manganèse, stabilisé	4.2	See UN2968	P
Manganese ethylene-bis-dithiocarbamate, stabilized	Éthylènebisdithiocarbamate de manganèse, stabilisé	4.2	See UN2968	P
Manganese ethylene-1,2-dithiocarbamate	Éthylènedithiocarbamate-1,2 de manganèse	4.2	See UN2210	P
Manganese ethylene-di-dithiocarbamate	Éthylènedithiocarbamate de manganèse	4.2	See UN2210	P
MANGANESE NITRATE	NITRATE DE MANGANESE	5.1	UN2724	
Manganese (II) nitrate	Nitrate de manganèse (II)	5.1	See UN2724	
MANGANESE RESINATE	RÉSINATE DE MANGANESE	4.1	UN1330	
Manganous nitrate	Nitrate manganeux	5.1	See UN2724	
MANNITAN TETRANITRATE	TÉTRANITRATE DE MANNITANE	Forbidden		
MANNITOL HEXANITRATE (DRY)	HEXANITRATE DE MANNITOL (SEC)	Forbidden		
MANNITOL HEXANITRATE, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	HEXANITRATE DE MANNITOL HUMIDIFIÉ avec au moins 40 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1D	UN0133	
MATCHES, FUSEE	ALLUMETTES-TISONS	4.1	UN2254	
MATCHES, SAFETY (book, card or strike on box)	ALLUMETTES DE SÛRETÉ (à frottoir, en carnets ou pochettes)	4.1	UN1944	
MATCHES, "STRIKE ANYWHERE"	ALLUMETTES NON « DE SÛRETÉ »	4.1	UN1331	
MATCHES, WAX "VESTA"	ALLUMETTES-BOUGIES	4.1	UN1945	
Mecarbam (see ORGANOPHOSPHORUS PESTICIDE)	Mécarbame (voir PESTICIDE ORGANOPHOSPHORÉ)			P
MEDICAL WASTE, N.O.S.	DÉCHET MÉDICAL, N.S.A.	6.2	UN3291	
MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	MÉDICAMENT LIQUIDE INFLAMMABLE, TOXIQUE, N.S.A.	3	UN3248	
MEDICINE, LIQUID, TOXIC, N.O.S.	MÉDICAMENT LIQUIDE TOXIQUE, N.S.A.	6.1	UN1851	
MEDICINE, SOLID, TOXIC, N.O.S.	MÉDICAMENT SOLIDE TOXIQUE, N.S.A.	6.1	UN3249	

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p-Mentha-1,8-diene	DL-Limonène	3	See UN2052	P
Mephosfolan (see ORGANOPHOSPHORUS PESTICIDE)	Méphosfolan (voir PESTICIDE ORGANOPHOSPHORÉ)			P
MERCAPTANS, LIQUID, FLAMMABLE, N.O.S.	MERCAPTANS LIQUIDES, INFLAMMABLES, N.S.A.	3	UN3336	
MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S.	MERCAPTANS LIQUIDES, INFLAMMABLES, TOXIQUES, N.S.A.	3	UN1228	
MERCAPTANS, LIQUID, TOXIC, FLAMMABLE, N.O.S.	MERCAPTANS LIQUIDES TOXIQUES, INFLAMMABLES, N.S.A.	6.1	UN3071	
MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	MERCAPTANS EN MÉLANGE LIQUIDE INFLAMMABLE, N.S.A.	3	UN3336	
MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S	MERCAPTANS EN MÉLANGE LIQUIDE, INFLAMMABLE, TOXIQUE, N.S.A.	3	UN1228	
MERCAPTAN MIXTURE, LIQUID, TOXIC, FLAMMABLE, N.O.S.	MERCAPTANS EN MÉLANGE LIQUIDE, TOXIQUE, INFLAMMABLE, N.S.A.	6.1	UN3071	
Mercaptodimethur (see CARBAMATE PESTICIDE)	Mercaptodiméthur (voir CARBAMATE PESTICIDE)			P
2-Mercaptoethanol	Mercapto-2 éthanol	6.1	See UN2966	
2-Mercaptopropionic acid	Acide mercapto-2 propionique	6.1	See UN2936	
5-MERCAPTOTETRAZOL-1-ACETIC ACID	ACIDE MERCAPTO-5 TÉTRAZOL-1-ACÉTIQUE	1.4C	UN0448	
Mercuric acetate	Acétate mercurique	6.1	See UN1629	P
Mercuric ammonium chloride	Chlorure mercurique ammoniacal	6.1	See UN1630	P
MERCURIC ARSENATE	ARSÉNIATE DE MERCURE II	6.1	UN1623	P
Mercuric benzoate	Benzoate mercurique	6.1	See UN1631	P
Mercuric bisulfate	Bisulfate mercurique	6.1	See UN1645	P
Mercuric bisulphate	Bisulfate mercurique	6.1	See UN1645	P
Mercuric bromide	Bromure mercurique	6.1	See UN1634	P
MERCURIC CHLORIDE	CHLORURE DE MERCURE II	6.1	UN1624	P
Mercuric cyanide	Cyanure mercurique	6.1	See UN1636	P
Mercuric gluconate	Gluconate mercurique	6.1	See UN1637	P
Mercuric iodide	Iodure mercurique	6.1	See UN1638	P
MERCURIC NITRATE	NITRATE DE MERCURE II	6.1	UN1625	P
Mercuric oleate	Oléate mercurique	6.1	See UN1640	P
Mercuric oxide	Oxyde mercurique	6.1	See UN1641	P
Mercuric oxycyanide, desensitized	Oxycyanure mercurique désensibilisé	6.1	See UN1642	P
MERCURIC POTASSIUM CYANIDE	CYANURE DOUBLE DE MERCURE ET DE POTASSIUM	6.1	UN1626	P
Mercuric sulphate	Sulfate mercurique	6.1	See UN1645	P
Mercuric sulphate	Sulfate mercurique	6.1	See UN1645	P
Mercuric thiocyanate	Thiocyanate mercurique	6.1	See UN1646	P
Mercurol	Mercurol	6.1	See UN1639	P
Mercurous acetate	Acétate mercureux	6.1	See UN1629	P
MERCUROUS AZIDE	AZOTURE MERCUREUX	Forbidden		
Mercurous bisulfate	Bisulfate mercureux	6.1	See UN1645	P
Mercurous bisulphate	Bisulfate mercureux	6.1	See UN1645	P
Mercurous bromide	Bromure mercureux	6.1	See UN1634	P
Mercurous chloride	Chlorure de mercure I; ou Chlorure mercureux	9	See UN2025	P
MERCUROUS NITRATE	NITRATE DE MERCURE I	6.1	UN1627	P
Mercurous salicylate	Salicylate mercureux	6.1	See UN1644	P
Mercurous sulfate	Sulfate mercureux	6.1	See UN1645	P
Mercurous sulphate	Sulfate mercureux	6.1	See UN1645	P

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MERCURY	MERCURE	8	UN2809	P
MERCURY ACETATE	ACÉTATE DE MERCURE	6.1	UN1629	P
MERCURY ACETYLIDE	ACÉTYLURE DE MERCURE	Forbidden		
MERCURY AMMONIUM CHLORIDE	CHLORURE DE MERCURE AMMONIACAL	6.1	UN1630	P
MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	PESTICIDE MERCURIEL LIQUIDE INFAMMABLE, TOXIQUE, ayant un point d'éclair inférieur à 23 °C	3	UN2778	P
MERCURY BASED PESTICIDE, LIQUID, TOXIC	PESTICIDE MERCURIEL LIQUIDE TOXIQUE	6.1	UN3012	P
MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	PESTICIDE MERCURIEL LIQUIDE TOXIQUE, INFAMMABLE, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN3011	P
MERCURY BASED PESTICIDE, SOLID, TOXIC	PESTICIDE MERCURIEL SOLIDE TOXIQUE	6.1	UN2777	P
MERCURY BENZOATE	BENZOATE DE MERCURE	6.1	UN1631	P
Mercury bichloride	Dichlorure de mercure	6.1	See UN1624	P
Mercury bisulfate	Bisulfate de mercure; ou Pyrosulfate de mercure	6.1	See UN1645	P
Mercury bisulphate	Bisulfate de mercure ou Pyrosulfate de mercure	6.1	See UN1645	P
MERCURY BROMIDES	BROMURES DE MERCURE	6.1	UN1634	P
MERCURY COMPOUND, LIQUID, N.O.S., excluding mercurous chloride and cinnabar	COMPOSÉ LIQUIDE DU MERCURE, N.S.A. à l'exception du chlorure mercureux et du cinabre	6.1	UN2024	P
MERCURY COMPOUND, SOLID, N.O.S., excluding mercurous chloride and cinnabar	COMPOSÉ SOLIDE DU MERCURE, N.S.A. à l'exception du chlorure mercureux et du cinabre	6.1	UN2025	P
Mercury(II) (mercuric) compounds (see MERCURY BASED PESTICIDE)	Composés du mercure (II) (mercuriques) (voir COMPOSÉ DU MERCURE N.S.A.)			P
Mercury(I) (mercurous) compounds (see MERCURY BASED PESTICIDE)	Composés du mercure (I) (mercureux) (voir COMPOSÉ DU MERCURE N.S.A.)			P
MERCURY CONTAINED IN MANUFACTURED ARTICLES	MERCURE CONTENU DANS DES OBJETS MANUFACTURÉS	8	UN3506	
MERCURY CYANIDE	CYANURE DE MERCURE	6.1	UN1636	P
MERCURY FULMINATE (DRY)	FULMINATE DE MERCURE (SEC)	Forbidden		
MERCURY FULMINATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	FULMINATE DE MERCURE HUMIDIFIÉ avec au moins 20 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1A	UN0135	
MERCURY GLUCONATE	GLUCONATE DE MERCURE	6.1	UN1637	P
MERCURY IODIDE	IODURE DE MERCURE	6.1	UN1638	P
MERCURY IODIDE AQUABASIC AMMONOBASIC (IODIDE OF MILLON'S BASE)	IODURE DE MERCURE AQUABASIQUE AMMONOBASIQUE (IODURE DE BASE DE MILLON)	Forbidden		
MERCURY NITRIDE	NITRURE DE MERCURE	Forbidden		
MERCURY NUCLEATE	NUCLÉINATE DE MERCURE	6.1	UN1639	P
MERCURY OLEATE	OLÉATE DE MERCURE	6.1	UN1640	P
MERCURY OXIDE	OXYDE DE MERCURE	6.1	UN1641	P
MERCURY OXYCYANIDE	OXYCYANURE DE MERCURE	Forbidden		
MERCURY OXYCYANIDE, DESENSITIZED	OXYCYANURE DE MERCURE DÉSENSIBILISÉ	6.1	UN1642	P
Mercury potassium cyanide	Cyanure de mercure et de potassium	6.1	See UN1626	P
MERCURY POTASSIUM IODIDE	IODURE DOUBLE DE MERCURE ET DE POTASSIUM	6.1	UN1643	P
MERCURY SALICYLATE	SALICYLATE DE MERCURE	6.1	UN1644	P
MERCURY SULFATE	SULFATE DE MERCURE	6.1	UN1645	P
Mercury (I) sulfate	Sulfate de mercure (I)	6.1	See UN1645	P
Mercury (II) sulfate	Sulfate de mercure (II)	6.1	See UN1645	P
MERCURY SULPHATE	SULFATE DE MERCURE	6.1	UN1645	P
Mercury (I) sulphate	Sulfate de mercure (I)	6.1	See UN1645	P

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
Mercury (II) sulphate	Sulfate de mercure (II)	6.1	See UN1645	P
MERCURY THIOCYANATE	THIOCYANATE DE MERCURE	6.1	UN1646	P
Mesitylene	Mésitylène	3	See UN2325	P
MESITYL OXIDE	OXYDE DE MÉSITYLE	3	UN1229	
METAL CARBONYLS, LIQUID, N.O.S.	MÉTAUX-CARBONYLES LIQUIDES, N.S.A.	6.1	UN3281	
METAL CARBONYLS, SOLID, N.O.S.	MÉTAUX-CARBONYLES SOLIDES, N.S.A.	6.1	UN3466	
METAL CATALYST, DRY	CATALYSEUR MÉTALLIQUE SEC	4.2	UN2881	
METAL CATALYST, WETTED, with a visible excess of liquid	CATALYSEUR MÉTALLIQUE HUMIDIFIÉ avec un excédent visible de liquide	4.2	UN1378	
METALDEHYDE	MÉTALDÉHYDE	4.1	UN1332	
METAL HYDRIDES, FLAMMABLE, N.O.S.	HYDRURES MÉTALLIQUES INFLAMMABLES, N.S.A.	4.1	UN3182	
METAL HYDRIDES, WATER-REACTIVE, N.O.S.	HYDRURES MÉTALLIQUES HYDRORÉACTIFS, N.S.A.	4.3	UN1409	
METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	MATIÈRE MÉTALLIQUE HYDRORÉACTIVE, N.S.A.	4.3	UN3208	
METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	MATIÈRE MÉTALLIQUE HYDRORÉACTIVE, AUTO-ÉCHAUFFANTE, N.S.A.	4.3	UN3209	
METAL POWDER, FLAMMABLE, N.O.S.	POUDRE MÉTALLIQUE INFLAMMABLE, N.S.A.	4.1	UN3089	
METAL POWDER, SELF-HEATING, N.O.S.	POUDRE MÉTALLIQUE AUTO-ÉCHAUFFANTE, N.S.A.	4.2	UN3189	
METAL SALTS OF METHYL NITRAMINE (DRY)	MÉTHYLNITRAMINE (SEC), SELS MÉTALLIQUES DE	Forbidden		
METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.	SELS MÉTALLIQUES DE COMPOSÉS ORGANIQUES, INFLAMMABLES, N.S.A.	4.1	UN3181	
Metam-sodium (see THiocarbamate PESTICIDE)	Métam-sodium (voir THiocarbamate PESTICIDE)			P
METHACRYLALDEHYDE, STABILIZED	MÉTHYLACROLÉINE STABILISÉE	3	UN2396	
METHACRYLIC ACID, STABILIZED	ACIDE MÉTHACRYLIQUE STABILISÉ	8	UN2531	
METHACRYLONITRILE, STABILIZED	MÉTHACRYLONITRILE STABILISÉ	6.1	UN3079	
METHALLYL ALCOHOL	ALCOOL MÉTHALLYLIQUE	3	UN2614	
Methamidophos (see ORGANOPHOSPHORUS PESTICIDE)	Méthamidophos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Methanal	Méthanal	3 8	See UN1198 See UN2209	
Methane and hydrogen mixture, compressed	Méthane et hydrogène en mélange comprimé	2.1	See UN2034	
METHANE, COMPRESSED	MÉTHANE COMPRIMÉ	2.1	UN1971	
METHANE, REFRIGERATED LIQUID	MÉTHANE LIQUIDE RÉFRIGÉRÉ	2.1	UN1972	
METHANESULFONYL CHLORIDE	CHLORURE DE MÉTHANESULFONYL	6.1	UN3246	
METHANESULPHONYL CHLORIDE	CHLORURE DE MÉTHANESULFONYL	6.1	UN3246	
Methanethiol	Méthanethiol	2.3	See UN1064	P
METHANOL	MÉTHANOL	3	UN1230	
METHAZOIC ACID	ACIDE MÉTHAZOÏQUE	Forbidden		
Methidathion (see ORGANOPHOSPHORUS PESTICIDE)	Méthydathion (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Methomyl (see CARBAMATE PESTICIDE)	Méthomyl (voir CARBAMATE PESTICIDE)			P
2-Methoxyethyl acetate	Acétate de méthylglycol	3	See UN1189	
METHOXYMETHYL ISOCYANATE	ISOCYANATE DE MÉTHOXYMÉTHYLE	6.1	UN2605	
4-METHOXY-4-METHYLPENTAN-2-ONE	MÉTHOXY-4 MÉTHYL-4 PENTANONE-2	3	UN2293	
1-Methoxy-2-nitrobenzene	Méthoxy-1 nitro-2 benzène	6.1	See UN2730 See UN3458	
1-Methoxy-3-nitrobenzene	Méthoxy-1 nitro-3 benzène	6.1	See UN2730 See UN3458	
1-Methoxy-4-nitrobenzene	Méthoxy-1 nitro-4 benzène	6.1	See UN2730 See UN3458	
1-METHOXY-2-PROPANOL	MÉTHOXY-1 PROPANOL-2	3	UN3092	

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METHYL ACETATE	ACÉTATE DE MÉTHYLE	3	UN1231	
<i>beta</i> -Methyl acrolein	<i>béta</i> -Méthylacroléine	6.1	See UN1143	P
3-Methylacrolein, stabilized	Méthyl-3 acroléine, stabilisée	6.1	See UN1143	P
METHYL ACRYLATE, STABILIZED	ACRYLATE DE MÉTHYLE STABILISÉ	3	UN1919	
METHYLAL	MÉTHYLAL	3	UN1234	
Methyl alcohol	Alcool méthylique	3	See UN1230	
Methyl allyl alcohol	Alcool méthylallylique	3	See UN2614	
METHYLACETYLENE AND PROPAADIENE MIXTURE, STABILIZED	MÉTHYLACÉTYLÈNE ET PROPADIÈNE EN MÉLANGE STABILISÉ	2.1	UN1060	
METHYLALLYL CHLORIDE	CHLORURE DE MÉTHYLALLYLE	3	UN2554	
METHYLAMINE, ANHYDROUS	MÉTHYLAMINE ANHYDRE	2.1	UN1061	
METHYLAMINE, AQUEOUS SOLUTION	MÉTHYLAMINE EN SOLUTION AQUEUSE	3	UN1235	
METHYLAMINE DINITRAMINE AND DRY SALTS THEREOF	MÉTHYLAMINE DINITRAMINE ET SES SELS SECS	Forbidden		
METHYLAMINE NITROFORM	MÉTHYLAMINE NITROFORME	Forbidden		
METHYLAMINE PERCHLORATE (DRY)	PERCHLORATE DE MÉTHYLAMINE (SEC)	Forbidden		
METHYLAMYL ACETATE	ACÉTATE DE MÉTHYLAMYLE	3	UN1233	
Methyl amyl alcohol	Méthyl-4 pentanol-2	3	See UN2053	
Methyl amyl ketone	Méthylamylcétone	3	See UN1110	
N-METHYLANILINE	N-MÉTHYLANILINE	6.1	UN2294	P
Methylated spirit	Alcool méthylé	3	See UN1986 See UN1987	
<i>alpha</i> -METHYLBENZYL ALCOHOL, LIQUID	ALCOOL <i>alpha</i> -MÉTHYLBENZYLIQUE LIQUIDE	6.1	UN2937	
<i>alpha</i> -METHYLBENZYL ALCOHOL, SOLID	ALCOOL <i>alpha</i> -MÉTHYLBENZYLIQUE SOLIDE	6.1	UN3438	
METHYL BROMIDE with not more than 2% chloropicrin	BROMURE DE MÉTHYLE contenant au plus 2 % de chloropicrine	2.3	UN1062	
Methyl bromide and chloropicrin mixture	Chloropicrine et bromure de méthyle en mélange	2.3	See UN1581	
METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURE, LIQUID	BROMURE DE MÉTHYLE ET DIBROMURE D'ÉTHYLÈNE EN MÉLANGE LIQUIDE	6.1	UN1647	P
METHYL BROMOACETATE	BROMACÉTATE DE MÉTHYLE	6.1	UN2643	
2-METHYLBUTANAL	2-MÉTHYLBUTANAL	3	UN3371	
3-METHYLBUTAN-2-ONE	MÉTHYL-3 BUTANONE-2	3	UN2397	
2-METHYL-1-BUTENE	MÉTHYL-2 BUTÈNE-1	3	UN2459	
2-METHYL-2-BUTENE	MÉTHYL-2 BUTÈNE-2	3	UN2460	
3-METHYL-1-BUTENE	MÉTHYL-3 BUTÈNE-1	3	UN2561	
N-METHYLBUTYLAMINE	N-MÉTHYLBUTYLAMINE	3	UN2945	
METHYL <i>tert</i> -BUTYL ETHER	ÉTHER MÉTHYL <i>tert</i> -BUTYLIQUE	3	UN2398	
METHYL BUTYRATE	BUTYRATE DE MÉTHYLE	3	UN1237	
METHYL CHLORIDE	CHLORURE DE MÉTHYLE	2.1	UN1063	
Methyl chloride and chloropicrin mixture	Chloropicrine et chlorure de méthyle en mélange	2.3	See UN1582	
METHYL CHLORIDE AND METHYLENE CHLORIDE MIXTURE	CHLORURE DE MÉTHYLE ET CHLORURE DE MÉTHYLÈNE EN MÉLANGE	2.1	UN1912	
METHYL CHLOROACETATE	CHLORACÉTATE DE MÉTHYLE	6.1	UN2295	
Methyl chlorocarbonate	Chlorocarbonate de méthyle	6.1	See UN1238	
Methyl chloroform	Méthylchloroforme	6.1	See UN1239	
METHYL CHLOROFORMATE	CHLOROFORMIATE DE MÉTHYLE	6.1	UN1238	
METHYL CHLOROMETHYL ETHER	ÉTHER MÉTHYLIQUE MONOCHLORÉ	6.1	UN1239	
METHYL 2-CHLOROPROPIONATE	CHLORO-2 PROPIONATE DE MÉTHYLE	3	UN2933	
Methyl <i>alpha</i> -chloropropionate	<i>alpha</i> -Chloropropionate de méthyle	3	See UN2933	

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METHYLCHLOROSILANE	MÉTHYLCHLOROSILANE	2.3	UN2534	
Methyl cyanide	Cyanure de méthyle	3	See UN1648	
METHYLCYCLOHEXANE	MÉTHYLCYCLOHEXANE	3	UN2296	P
METHYLCYCLOHEXANOLS, flammable	MÉTHYLCYCLOHEXANOLS inflammables	3	UN2617	
METHYLCYCLOHEXANONE	MÉTHYLCYCLOHEXANONE	3	UN2297	
METHYLCYCLOPENTANE	MÉTHYLCYCLOPENTANE	3	UN2298	
METHYL DICHLOROACETATE	DICHLORACÉTATE DE MÉTHYLE	6.1	UN2299	
METHYLDICHLOROSILANE	MÉTHYLDICHLOROSILANE	4.3	UN1242	
Methyl disulfide	Disulfure de méthyle	3	See UN2381	P
Methyl disulphide	Disulfure de méthyle	3	See UN2381	P
Methyldinitrobenzenes, liquid	Méthyldinitrobenzènes liquides	6.1	See UN2038	P
Methyldinitrobenzenes, molten	Méthyldinitrobenzènes fondus	6.1	See UN1600	P
Methyldinitrobenzenes, solid	Méthyldinitrobenzènes solides	6.1	See UN3454	P
Methyldithiomethane	Méthyldithiométhane	3	See UN2381	P
Methylene bromide	Bromure de méthylène	6.1	See UN2664	
Methylene chloride	Chlorure de méthylène	6.1	See UN1593	
Methylene chloride and methyl chloride mixture	Chlorure de méthylène et chlorure de méthyle en mélange	2.1	See UN1912	
Methylene cyanide	Cyanure de méthylène	6.1	See UN2647	
p,p'-Methylene dianiline	p,p'-Méthylènedianiline	6.1	See UN2651	P
Methylene dibromide	Dibromure de méthylène	6.1	See UN2664	
METHYLENE GLYCOL DINITRATE	DINITRATE DE MÉTHYLÈNE GLYCOL	Forbidden		
2,2'-Methylene-di-(3,4,6-trichlorophenol)	Méthylène-2,2' bis(trichloro-3,4,6 phénol)	6.1	See UN2875	
Methyl ethyl ether	Oxyde de méthyle et d'éthyle	2.1	See UN1039	
METHYL ETHYL KETONE	ÉTHYLMÉTHYLCÉTONE	3	UN1193	
METHYL ETHYL KETONE PEROXIDE, in solution with more than 9% by mass active oxygen	MÉTHYLÉTHYLCÉTONE, PEROXYDE DE, en solution avec plus de 9 % (masse) d'oxygène actif	Forbidden		
2-METHYL-5-ETHYLPYRIDINE	MÉTHYL-2 ÉTHYL-5 PYRIDINE	6.1	UN2300	
METHYL FLUORIDE	FLUORURE DE MÉTHYLE	2.1	UN2454	
METHYL FORMATE	FORMIATE DE MÉTHYLE	3	UN1243	
2-METHYLFURAN	MÉTHYL-2 FURANNE	3	UN2301	
Methyl glycol	Méthylglycol	3	See UN1188	
Methyl glycol acetate	Acétate de méthylglycol	3	See UN1189	
<i>a</i> -METHYLGALACTOSIDE TETRANITRATE	TÉTRANITRATE DE <i>a</i> -MÉTHYLGALACTOSIDE	Forbidden		
<i>a</i> -METHYLGLYCEROL TRINITRATE	TRINITRATE DE <i>a</i> -MÉTHYLGLYCÉROL	Forbidden		
2-Methylheptane	Méthyl-2 heptane	3	See UN1262	P
2-METHYL-2-HEPTANETHIOL	2-MÉTHYL-2-HEPTANETHIOL	6.1	UN3023	
5-METHYLHEXAN-2-ONE	MÉTHYL-5 HEXANONE-2	3	UN2302	
METHYLHYDRAZINE	MÉTHYLHYDRAZINE	6.1	UN1244	
METHYL IODIDE	IODURE DE MÉTHYLE	6.1	UN2644	
METHYL ISOBUTYL CARBINOL	ALCOOL MÉTHYLAMYLIQUE	3	UN2053	
METHYL ISOBUTYL KETONE	MÉTHYLISOBUTYLCÉTONE	3	UN1245	
METHYL ISOBUTYL KETONE PEROXIDE, in solution with more than 9% by mass active oxygen	MÉTHYLISOBUTYLCÉTONE, PEROXYDE DE, en solution avec plus de 9 % (masse) d'oxygène actif	Forbidden		
METHYL ISOCYANATE	ISOCYANATE DE MÉTHYLE	6.1	UN2480	
METHYL ISOPROPENYL KETONE, STABILIZED	MÉTHYLISOPROPÉNYLCÉTONE STABILISÉE	3	UN1246	
METHYL ISOTHIOCYANATE	ISOTHOIYCYANATE DE MÉTHYLE	6.1	UN2477	
METHYL ISOVALERATE	ISOVALÉRATE DE MÉTHYLE	3	UN2400	

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METHYL MAGNESIUM BROMIDE IN ETHYL ETHER	BROMURE DE MÉTHYLMAGNÉSIUM DANS L'ÉTHER ÉTHYLIQUE	4.3	UN1928	
METHYL MERCAPTAN	MERCAPTAN MÉTHYLIQUE	2.3	UN1064	P
Methyl mercaptopropionaldehyde	<i>bêta</i> -Méthylmercaptopropionaldéhyde	6.1	See UN2785	
METHYL METHACRYLATE MONOMER, STABILIZED	MÉTHACRYLATE DE MÉTHYLE MONOMÈRE STABILISÉ	3	UN1247	
4-METHYLMORPHOLINE	4-MÉTHYLMORPHOLINE	3	UN2535	
N-METHYLMORPHOLINE	N-MÉTHYLMORPHOLINE	3	UN2535	
METHYL NITRAMINE (DRY)	MÉTHYLNITRAMINE (SEC)	Forbidden		
METHYL NITRATE	NITRATE DE MÉTHYLE	Forbidden		
METHYL NITRITE	NITRITE DE MÉTHYLE	Forbidden	UN2455	
METHYL ORTHOSILICATE	ORTHO SILICATE DE MÉTHYLE	6.1	UN2606	
METHYLPENTADIENE	MÉTHYLPENTADIÈNE	3	UN2461	
Methylpentanes	Méthylpentanes	3	See UN1208	
2-Methylpentane	Méthyl-2 pentane	3	See UN1208	P
2-METHYLPENTAN-2-OL	MÉTHYL-2 PENTANOL-2	3	UN2560	
4-Methylpentan-2-ol	Méthyl-4 pentanol-2	3	See UN2053	
3-Methyl-2-penten-4ynol	3-Méthylpent-2-én-4-yol	8	See UN2705	
METHYLPHENYLDICHLOROSILANE	MÉTHYLPHÉNYLDICHLOROSILANE	8	UN2437	
2-Methyl-2-phenylpropane	Méthyl-2 phényl-2 propane	3	See UN2709	P
METHYL PICRIC ACID (HEAVY METAL SALTS OF)	ACIDE MÉTHYLPICRIQUE (SELS DE MÉTAUX LOURDS DE L')	Forbidden		
1-METHYLPiperidine	MÉTHYL-1 PIPÉRIDINE	3	UN2399	
METHYL PROPIONATE	PROPIONATE DE MÉTHYLE	3	UN1248	
Methylpropylbenzenes	Méthylpropylbenzènes	3	See UN2046	P
METHYL PROPYL ETHER	ÉTHER MÉTHYLPROPYLIQUE	3	UN2612	
METHYL PROPYL KETONE	MÉTHYLPROPYLCÉTONE	3	UN1249	
Methyl pyridines	Méthylpyridines	3	See UN2313	
<i>alpha</i> -Methylstyrene	<i>alpha</i> -Méthylstyrene	3	See UN2303	
Methylstyrenes, stabilized	Méthylstyrenes, stabilisés	3	See UN2618	
Methyl sulfate	Sulfate de méthyle	6.1	See UN1595	
Methyl sulphate	Sulfate de méthyle	6.1	See UN1595	
Methyl sulfide	SULFURE DE MÉTHYLE	3	See UN1164	
Methyl sulphide	SULFURE DE MÉTHYLE	3	See UN1164	
METHYLTETRAHYDROFURAN	MÉTHYL TÉTRAHYDROFURANNE	3	UN2536	
METHYL TRICHLOROACETATE	TRICHLORACÉTATE DE MÉTHYLE	6.1	UN2533	
METHYLTRICHLOROSILANE	MÉTHYLTRICHLOROSILANE	3	UN1250	
Methyltrithion (see ORGANOPHOPHORUS PESTICIDE)	Méthyltrithion (voir PESTICIDE ORGANOPHOPHORÉ)			P
METHYL TRIMETHYLOL METHANE TRINITRATE	TRINITRATE DE MÉTHYL TRIMÉTHYLOL MÉTHANE	Forbidden		
<i>alpha</i> -METHYLVALERALDEHYDE	<i>alpha</i> -MÉTHYLVALÉRALDÉHYDE	3	UN2367	
Methylvinylbenzenes, stabilized	Méthylvinylbenzènes, stabilisés	3	See UN2618	
METHYL VINYL KETONE, STABILIZED	MÉTHYL VINYLCÉTONE STABILISÉE	6.1	UN1251	
Mevinphos (see ORGANOPHOPHORUS PESTICIDE)	Mévinphos (voir PESTICIDE ORGANOPHOPHORÉ)			P
Mexacarbate (see CARBAMATE PESTICIDE)	Mexacarbate (voir CARBAMATE PESTICIDE)			P
M.I.B.C.	M.I.B.C.	3	See UN2053	
MINES with bursting charge	MINES avec charge d'éclatement	1.1D 1.1F 1.2D 1.2F	UN0137 UN0136 UN0138 UN0294	

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Mirbane oil	Essence de mirbane	6.1	See UN1662	
Mirex (see ORGANOCHLORINE PESTICIDE)	Mirex (voir PESTICIDE ORGANOPHOPHORÉ)			P
Missiles, guided	Missiles guidés	1.1E 1.1F 1.1J 1.2C 1.2E 1.2F 1.2J 1.3C 1.3C 1.4C	See UN0181 See UN0180 See UN0397 See UN0436 See UN0182 See UN0295 See UN0398 See UN0183 See UN0437 See UN0438	
MOLTEN SULFUR	SOUFRE FONDU	4.1	UN2448	
MOLTEN SULPHUR	SOUFRE FONDU	4.1	UN2448	
MOLYBDENUM PENTACHLORIDE	PENTACHLORURE DE MOLYBDÈNE	8	UN2508	
Monobromobenzene	Monobromobenzène	3	See UN2514	P
Monochloroacetic acid	Acide monochloracétique	6.1	See UN1750 See UN1751	
Monochloroacetone, stabilized	Monochloracétone stabilisée	6.1	See UN1695	P
MONOCHLOROACETONE (UNSTABILIZED)	MONOCHLORACÉTONE (NON STABILISÉE)	Forbidden		
Monochlorobenzene	Monochlorobenzène	3	See UN1134	
Monochlorodifluoromethane	Monochlorodifluorométhane	2.2	See UN1018	
Monochlorodifluoromethane and monochloropentafluoroethane mixture	Monochlorodifluorométhane et monochloropentafluoroéthane en mélange	2.2	See UN1973	
Monochlorodifluoromonobromomethane	Monochlorodifluoromonobromométhane	2.2	See UN1974	
Monochloropentafluoroethane and monochlorodifluoromethane mixture	Monochloropentafluoroéthane et monochlorodifluorométhane en mélange	2.2	See UN1973	
Monochloropentafluoroethane	Monochloropentafluoroéthane	2.2	See UN1020	
Monocrotophos (see ORGANOPHOPHORUS PESTICIDE)	Monocrotophos (voir PESTICIDE ORGANOPHOPHORÉ)			P
Monoethylamine	Monoéthylamine	2.1	See UN1036	
MONONITROTOLUIDINES	MONONITROTOLUIDINES	6.1	UN2660	
Monopropylamine	Monopropylamine	3	See UN1277	
MORPHOLINE	MORPHOLINE	8	UN2054	
MOTOR FUEL ANTI-KNOCK MIXTURE	MÉLANGE ANTIDÉTONANT POUR CARBURANTS	6.1	UN1649	P
MOTOR FUEL ANTI-KNOCK MIXTURE, FLAMMABLE	MÉLANGE ANTIDÉTONANT POUR CARBURANTS, INFLAMMABLE	6.1	UN3483	P
MOTOR SPIRIT	ESSENCE	3	UN1203	
Motor spirit and ethanol mixture	MÉLANGE D'ÉTHANOL ET D'ESSENCE	3	See UN3475	
Muriatic acid	Acide muriatique	8	See UN1789	
MUSK XYLENE	MUSC XYLÈNE	4.1	UN2956	
Mysorite	Mysorite	9	See UN2212	
Nabam	Nabame		See Note 1	P
Naled (see ORGANOPHOPHORUS PESTICIDE)	Naled (voir PESTICIDE ORGANOPHOPHORÉ)			P
Naphtha	Naphte	3	See UN1268	
Naphtha, petroleum	Naphte, essence lourde	3	See UN1268	
Naphtha solvent	Solvant-naphte	3	See UN1268	
NAPHTHALENE, CRUDE	NAPHTALÈNE BRUT	4.1	UN1334	P
NAPHTHALENE DIOZONIDE	NAPHTALÈNE DIOZONIDE	Forbidden		
NAPHTHALENE, MOLTEN	NAPHTALÈNE FONDU	4.1	UN2304	P
NAPHTHALENE, REFINED	NAPHTALÈNE RAFFINÉ	4.1	UN1334	P

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<i>alpha</i> -NAPHTHYLAMINE	<i>alpha</i> -NAPHTYLAMINE	6.1	UN2077	
<i>beta</i> -NAPHTHYLAMINE, SOLID	<i>bêta</i> -NAPHTHYLAMINE, SOLIDE	6.1	UN1650	
<i>beta</i> -NAPHTHYLAMINE SOLUTION	<i>bêta</i> -NAPHTHYLAMINE EN SOLUTION	6.1	UN3411	
NAPHTHYL AMINE PERCHLORATE	PERCHLORATE DE NAPHTYLAMINE	Forbidden		
NAPHTHYLTHIOUREA	NAPHTYLTHIO-URÉE	6.1	UN1651	
1-Naphthylthiourea	Naphthyl-1 thio-urée	6.1	See UN1651	
NAPHTHYLUREA	NAPHTYLURÉE	6.1	UN1652	
NATURAL GAS, COMPRESSED with high methane content	GAZ NATUREL (à haute teneur en méthane) COMPRIMÉ	2.1	UN1971	
NATURAL GAS, REFRIGERATED LIQUID with high methane content	GAZ NATUREL (à haute teneur en méthane) LIQUIDE RÉFRIGÉRÉ	2.1	UN1972	
Natural gasoline	Essence naturelle	3	See UN1203	
Neohexane	Néohexane	3	See UN1208	
NEON, COMPRESSED	NÉON COMPRIMÉ	2.2	UN1065	
NEON, REFRIGERATED LIQUID	NÉON LIQUIDE RÉFRIGÉRÉ	2.2	UN1913	
Neopentane	Néopentane	2.1	See UN2044	
Neothyl	Néothyl	3	See UN2612	
NICKEL CARBONYL	NICKEL-TÉTRACARBONYLE	6.1	UN1259	P
Nickel catalyst	Nickel, catalyseur au	4.2	See UN1378 See UN2881	
NICKEL CYANIDE	CYANURE DE NICKEL	6.1	UN1653	P
Nickel (II) cyanide	Cyanure de nickel (II)	6.1	See UN1653	P
NICKEL NITRATE	NITRATE DE NICKEL	5.1	UN2725	
Nickel (II) nitrate	Nitrate de nickel (II)	5.1	See UN2725	
NICKEL NITRITE	NITRITE DE NICKEL	5.1	UN2726	
Nickel (II) nitrite	Nitrite de nickel (II)	5.1	See UN2726	
NICKEL PICRATE	PICRATE DE NICKEL	Forbidden		
Nickel tetracarbonyl	Nickel carbonyle; ou Tétracarbonyl de nickel	6.1	See UN1259	P
Nickelous nitrate	Nitrate nickeleux	5.1	See UN2725	
Nickelous nitrite	Nitrite nickeleux	5.1	See UN2726	
NICOTINE	NICOTINE	6.1	UN1654	
NICOTINE COMPOUND, LIQUID, N.O.S.	COMPOSÉ LIQUIDE DE LA NICOTINE, N.S.A.	6.1	UN3144	
NICOTINE COMPOUND, SOLID, N.O.S.	COMPOSÉ SOLIDE DE LA NICOTINE, N.S.A.	6.1	UN1655	
NICOTINE HYDROCHLORIDE, LIQUID	CHLORHYDRATE DE NICOTINE LIQUIDE	6.1	UN1656	
NICOTINE HYDROCHLORIDE, SOLID	CHLORHYDRATE DE NICOTINE SOLIDE	6.1	UN3444	
NICOTINE HYDROCHLORIDE SOLUTION	CHLORHYDRATE DE NICOTINE EN SOLUTION	6.1	UN1656	
NICOTINE PREPARATION, LIQUID, N.O.S.	PRÉPARATION LIQUIDE DE LA NICOTINE, N.S.A.	6.1	UN3144	
NICOTINE PREPARATION, SOLID, N.O.S.	PRÉPARATION SOLIDE DE LA NICOTINE, N.S.A.	6.1	UN1655	
NICOTINE SALICYLATE	SALICYLATE DE NICOTINE	6.1	UN1657	
NICOTINE SULFATE, SOLID	SULFATE DE NICOTINE SOLIDE	6.1	UN3445	
NICOTINE SULFATE, SOLUTION	SULFATE DE NICOTINE EN SOLUTION	6.1	UN1658	
NICOTINE SULPHATE, SOLID	SULFATE DE NICOTINE SOLIDE	6.1	UN3445	
NICOTINE SULPHATE, SOLUTION	SULFATE DE NICOTINE EN SOLUTION	6.1	UN1658	
NICOTINE TARTRATE	TARTRATE DE NICOTINE	6.1	UN1659	
NITRATED PAPER, UNSTABLE	PAPIER TRAITÉ AU NITRATE, INSTABLE	Forbidden		
NITRATES, INORGANIC, N.O.S.	NITRATES INORGANIQUES, N.S.A.	5.1	UN1477	

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NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	NITRATES INORGANIQUES EN SOLUTION AQUEUSE, N.S.A.	5.1	UN3218	
NITRATES OF DIAZONIUM COMPOUNDS	NITRATES DES COMPOSÉS DE DIAZONIUM	Forbidden		
NITRATING ACID MIXTURE with more than 50% nitric acid	ACIDE MIXTE contenant plus de 50 % de fluorure d'hydrogène; ou ACIDE SULFONITRIQUE contenant plus de 50 % de fluorure d'hydrogène	8	UN1796	
NITRATING ACID MIXTURE with not more than 50% nitric acid	ACIDE MIXTE contenant au plus 50 % de fluorure d'hydrogène; ou ACIDE SULFONITRIQUE RÉSIDUAIRE contenant au plus 50 % de fluorure d'hydrogène	8	UN1796	
NITRATING ACID MIXTURE, SPENT, with more than 50% nitric acid	ACIDE MIXTE RÉSIDUAIRE contenant plus de 50 % de fluorure d'hydrogène; ou ACIDE SULFONITRIQUE RÉSIDUAIRE contenant plus de 50 % de fluorure d'hydrogène	8	UN1826	
NITRATING ACID MIXTURE, SPENT, with not more than 50% nitric acid	ACIDE MIXTE RÉSIDUAIRE contenant au plus 50 % de fluorure d'hydrogène; ou ACIDE SULFONITRIQUE RÉSIDUAIRE contenant au plus 50 % de fluorure d'hydrogène	8	UN1826	
NITRIC ACID, other than red fuming	ACIDE NITRIQUE, à l'exclusion de l'acide nitrique fumant rouge	8	UN2031	
NITRIC ACID, RED FUMING	ACIDE NITRIQUE FUMANT ROUGE	8	UN2032	
NITRIC OXIDE, COMPRESSED	MONOXYDE D'AZOTE COMPRIMÉ; ou OXYDE NITRIQUE COMPRIMÉ	2.3	UN1660	
NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURE	MONOXYDE D'AZOTE ET TÉTROXYDE DE DIAZOTE EN MÉLANGE	2.3	UN1975	
NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURE	MONOXYDE D'AZOTE ET DIOXYDE D'AZOTE EN MÉLANGE	2.3	UN1975	
NITRILES, FLAMMABLE, TOXIC, N.O.S.	NITRILES INFLAMMABLES, TOXIQUES, N.S.A.	3	UN3273	
NITRILES, LIQUID, TOXIC, N.O.S.	NITRILES LIQUIDES TOXIQUES, N.S.A.	6.1	UN3276	
NITRILES, SOLID, TOXIC, N.O.S.	NITRILES SOLIDES TOXIQUES, N.S.A.	6.1	UN3439	
NITRILES, TOXIC, FLAMMABLE, N.O.S.	NITRILES TOXIQUES, INFLAMMABLES, N.S.A.	6.1	UN3275	
NITRITES, INORGANIC, N.O.S.	NITRITES INORGANIQUES, N.S.A.	5.1	UN2627	
NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	NITRITES INORGANIQUES EN SOLUTION AQUEUSE, N.S.A.	5.1	UN3219	
NITRITES, INORGANIC MIXTURES WITH AMMONIUM COMPOUNDS	NITRITES INORGANIQUES EN MÉLANGE AVEC DES COMPOSÉS DE L'AMMONIUM	Forbidden		
N-NITROANILINE	N-NITRANILINE	Forbidden		
NITROANILINES ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	NITRANILINES ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	6.1	UN1661	
NITROANISOLES, LIQUID	NITRANISOLES LIQUIDES	6.1	UN2730	
NITROANISOLES, SOLID	NITRANISOLES SOLIDES	6.1	UN3458	
NITROBENZENE	NITROBENZÈNE	6.1	UN1662	
Nitrobenzene bromide, liquid	Bromures de nitrobenzènes, liquides	6.1	See UN2732	
Nitrobenzene bromide, solid	Bromures de nitrobenzènes, solides	6.1	See UN3459	
<i>m</i> -NITROBENZENE DIAZONIUM PERCHLORATE	PERCHLORATE DE <i>m</i> -NITROBENZÈNE DIAZONIUM	Forbidden		
NITROBENZENESULFONIC ACID	ACIDE NITROBENZÈNESULFONIQUE	8	UN2305	
NITROBENZENESULPHONIC ACID	ACIDE NITROBENZÈNESULFONIQUE	8	UN2305	
Nitrobenzol	Nitrobenzine	6.1	See UN1662	
5-NITROBENZOTRIAZOL	NITRO-5-BENZOTRIAZOL	1.1D	UN0385	

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NITROBENZOTRIFLUORIDES, LIQUID	FLUORURES DE NITROBENZYLIDYNE, LIQUIDES	6.1	UN2306	P
NITROBENZOTRIFLUORIDES, SOLID	FLUORURES DE NITROBENZYLIDYNE, SOLIDES	6.1	UN3431	P
NITROBROMOBENZENES, LIQUID	NITROBROMOBENZÈNES LIQUIDES	6.1	UN2732	
NITROBROMOBENZENES, SOLID	NITROBROMOBENZÈNES SOLIDES	6.1	UN3459	
NITROCELLULOSE, dry or wetted with less than 25% water (or alcohol), by mass	NITROCELLULOSE sèche ou humidifiée avec moins de 25 % (masse) d'eau (ou d'alcool)	1.1D	UN0340	
NITROCELLULOSE, unmodified or plasticized with less than 18% plasticizing substance, by mass	NITROCELLULOSE non modifiée ou plastifiée avec moins de 18 % (masse) de plastifiant	1.1D	UN0341	
NITROCELLULOSE MEMBRANE FILTERS, with not more than 12.6% nitrogen, by dry mass	MEMBRANES FILTRANTES EN NITROCELLULOSE, d'une teneur en azote ne dépassant pas 12,6 % (masse sèche)	4.1	UN3270	
NITROCELLULOSE, MIXTURE WITH PLASTICIZER, WITHOUT PIGMENT, with not more than 12.6% nitrogen, by dry mass	NITROCELLULOSE EN MÉLANGE, AVEC PLASTIFIANT, SANS PIGMENT, d'une teneur en azote ne dépassant pas 12,6 % (rapportée à la masse sèche)	4.1	UN2557	
NITROCELLULOSE, MIXTURE WITH PLASTICIZER, WITH PIGMENT, with not more than 12.6% nitrogen, by dry mass	NITROCELLULOSE EN MÉLANGE, AVEC PLASTIFIANT, AVEC PIGMENT, d'une teneur en azote ne dépassant pas 12,6 % (rapportée à la masse sèche)	4.1	UN2557	
NITROCELLULOSE, MIXTURE, WITHOUT PLASTICIZER, WITHOUT PIGMENT, with not more than 12.6% nitrogen, by dry mass	NITROCELLULOSE EN MÉLANGE, SANS PLASTIFIANT, SANS PIGMENT, d'une teneur en azote ne dépassant pas 12,6 % (rapportée à la masse sèche)	4.1	UN2557	
NITROCELLULOSE, MIXTURE WITHOUT PLASTICIZER, WITH PIGMENT, with not more than 12.6% nitrogen, by dry mass	NITROCELLULOSE EN MÉLANGE, SANS PLASTIFIANT, AVEC PIGMENT, d'une teneur en azote ne dépassant pas 12,6 % (rapportée à la masse sèche)	4.1	UN2557	
NITROCELLULOSE, PLASTICIZED with not less than 18% plasticizing substance, by mass	NITROCELLULOSE PLASTIFIÉE avec au moins 18 % (masse) de plastifiant	1.3C	UN0343	
NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose	NITROCELLULOSE EN SOLUTION INFLAMMABLE contenant au plus 12,6 % (masse sèche) d'azote et au plus 55 % de nitrocellulose	3	UN2059	
NITROCELLULOSE, WETTED with not less than 25% alcohol, by mass	NITROCELLULOSE HUMIDIFIÉE avec au moins 25 % (masse) d'alcool	1.3C	UN0342	
NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)	NITROCELLULOSE AVEC au moins 25 % (masse) d'ALCOOL, et une teneur en azote ne dépassant pas 12,6 % (rapportée à la masse sèche)	4.1	UN2556	
NITROCELLULOSE WITH WATER (not less than 25% water, by mass)	NITROCELLULOSE AVEC au moins 25 % (masse) d'EAU	4.1	UN2555	
Nitrochlorobenzenes	Nitrochlorobenzènes	6.1 6.1	See UN1578 See UN3409	
3-NITRO-4-CHLOROBENZOTRIFLUORIDE	FLUORURE DE NITRO-3 CHLORO-4 BENZYLIDYNE	6.1	UN2307	P
NITROCRESOLS, LIQUID	NITROCRÉSOLS LIQUIDES	6.1	UN3434	
NITROCRESOLS, SOLID	NITROCRÉSOLS SOLIDES	6.1	UN2446	
6-NITRO-4-DIAZOTOLUENE-3-SULFONIC ACID (DRY)	ACIDE NITRO-6 DIAZO-4 TOLUÈNE SULFONIQUE-3 (SEC)	Forbidden		
6-NITRO-4-DIAZOTOLUENE-3-SULPHONIC ACID (DRY)	ACIDE NITRO-6 DIAZO-4 TOLUÈNE SULFONIQUE-3 (SEC)	Forbidden		
NITROETHANE	NITROÉTHANE	3	UN2842	
NITROETHYLENE POLYMER	NITROÉTHYLÈNE, POLYMÈRE DE	Forbidden		
NITROETHYL NITRATE	NITRATE DE NITROÉTHYLE	Forbidden		
NITROGEN, COMPRESSED	AZOTE COMPRIMÉ	2.2	UN1066	
NITROGEN DIOXIDE	DIOXYDE D'AZOTE	2.3	UN1067	
NITROGEN, REFRIGERATED LIQUID	AZOTE LIQUIDE RÉFRIGÉRÉ	2.2	UN1977	
Nitrogen sesquioxide	Sesquioxoide d'azote	2.3	See UN2421	
NITROGEN TRICHLORIDE	TRICHLORURE D'AZOTE	Forbidden		
NITROGEN TRIFLUORIDE	TRIFLUORURE D'AZOTE	2.2	UN2451	
NITROGEN TRIIODIDE	TRIIODURE D'AZOTE	Forbidden		
NITROGEN TRIIODIDE MONOAMINE	TRIIODURE D'AZOTE MONOAMINE	Forbidden		

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NITROGEN TRIOXIDE	TRIOXYDE D'AZOTE	2.3	UN2421	
NITROGLYCERIN, DESENSITIZED with not less than 40% non-volatile water-insoluble phlegmatizer, by mass	NITROGLYCÉRINE DÉSENSIBILISÉE avec au moins 40 % (masse) de flegmatisant non volatil insoluble dans l'eau	1.1D	UN0143	
NITROGLYCERIN, LIQUID, NOT DESENSITIZED	NITROGLYCÉRINE LIQUIDE NON DÉSENSIBILISÉE	Forbidden		
NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass	NITROGLYCÉRINE EN MÉLANGE, DÉSENSIBILISÉE, LIQUIDE, INFLAMMABLE, N.S.A., avec au plus 30 % (masse) de nitroglycérine	Forbidden	UN3343	
NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S. with not more than 30% nitroglycerin, by mass	NITROGLYCÉRINE EN MÉLANGE, DÉSENSIBILISÉE, LIQUIDE, N.S.A., avec au plus 30 % (masse) de nitroglycérine	Forbidden	UN3357	
NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin, by mass	NITROGLYCÉRINE EN MÉLANGE, DÉSENSIBILISÉE, SOLIDE, N.S.A., avec plus de 2 % mais au plus 10 % (masse) de nitroglycérine	Forbidden	UN3319	
NITROGLYCERIN, SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin	NITROGLYCÉRINE EN SOLUTION ALCOOLIQUE avec plus de 1 % mais pas plus de 5 % de nitroglycérine	3	UN3064	
NITROGLYCERIN, SOLUTION IN ALCOHOL with more than 1% but not more than 10% nitroglycerin	NITROGLYCÉRINE EN SOLUTION ALCOOLIQUE avec plus de 1 % mais au maximum 10 % de nitroglycérine	1.1D	UN0144	
NITROGLYCERIN, SOLUTION IN ALCOHOL with not more than 1% nitroglycerin	NITROGLYCÉRINE EN SOLUTION ALCOOLIQUE avec au plus 1 % de nitroglycérine	3	UN1204	
NITROGUANIDINE, dry or wetted with less than 20% water, by mass	NITROGUANIDINE sèche ou humidifiée avec moins de 20 % (masse) d'eau	1.1D	UN0282	
NITROGUANIDINE, WETTED with not less than 20% water, by mass	NITROGUANIDINE HUMIDIFIÉE avec au moins 20 % (masse) d'eau	4.1	UN1336	
NITROGUANIDINE NITRATE	NITRATE DE NITROGUANIDINE	Forbidden		
1-NITRO HYDANTOIN	NITRO-1 HYDANTOÏNE	Forbidden		
NITROHYDROCHLORIC ACID	ACIDE CHLORHYDRIQUE ET ACIDE NITRIQUE EN MÉLANGE	8	UN1798	
NITRO ISOBUTANE TRIOL TRINITRATE	TRINITRATE DE NITROISOBUTANE TRIOL	Forbidden		
NITROMANNITE (DRY)	NITROMANNITE (SÈCHE)	Forbidden		
NITROMANNITE, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	NITROMANNITE HUMIDIFIÉE avec au moins 40 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1D	UN0133	
NITROMETHANE	NITROMÉTHANE	3	UN1261	
<i>N</i> -NITRO-N-METHYLGlyCOLAMIDE NITRATE	NITRATE DE <i>N</i> -NITRO-N-MÉTHYLGLYCOLAMIDE	Forbidden		
2-NITRO-2-METHYLPROPANOL NITRATE	NITRATE DE NITRO-2 MÉTHYL-2 PROPANOL	Forbidden		
Nitromuriatic acid	Acide nitromuriatique	8	See UN1798	
NITRONAPHTHALENE	NITRONAPHTALÈNE	4.1	UN2538	
NITROPHENOLS ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	NITROPHÉNOLS ( <i>o</i> -, <i>m</i> -, <i>p</i> -)	6.1	UN1663	
<i>m</i> -NITROPHENYLDINITRO METHANE	<i>m</i> -NITROPHÉNYL DINITROMÉTHANE	Forbidden		
4-NITROPHENYLHYDRAZINE, with not less than 30% water, by mass	NITRO-4 PHÉNYLHYDRAZINE contenant au moins 30 % (masse) d'eau	4.1	UN3376	
NITROPROPANES	NITROPROPANES	3	UN2608	
NITROSILANES	NITROSILANES	Forbidden		
<i>p</i> -NITROSODIMETHYLANILINE	<i>p</i> -NITROSODIMÉTHYLANILINE	4.2	UN1369	
NITROSTARCH, dry or wetted with less than 20% water, by mass	NITROAMIDON sec ou humidifié avec moins de 20 % (masse) d'eau	1.1D	UN0146	
NITROSTARCH, WETTED with not less than 20% water, by mass	NITROAMIDON HUMIDIFIÉ avec au moins 20 % (masse) d'eau	4.1	UN1337	
NITROSUGARS	NITROSUCRES	Forbidden		
NITROSYL CHLORIDE	CHLORURE DE NITROSYLE	2.3	UN1069	
NITROSYLSULFURIC ACID, LIQUID	HYDROGÉNOSULFATE DE NITROSYLE LIQUIDE	8	UN2308	
NITROSYLSULFURIC ACID, SOLID	HYDROGÉNOSULFATE DE NITROSYLE SOLIDE	8	UN3456	
NITROSYLSULPHURIC ACID, LIQUID	HYDROGÉNOSULFATE DE NITROSYLE LIQUIDE	8	UN2308	
NITROSYLSULPHURIC ACID, SOLID	HYDROGÉNOSULFATE DE NITROSYLE SOLIDE	8	UN3456	

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NITROTOLUENES, LIQUID	NITROTOLUÈNES LIQUIDES	6.1	UN1664	
NITROTOLUENES, SOLID	NITROTOLUÈNES SOLIDES	6.1	UN3446	
NITROTOLUIDINES	NITROTOLUIDINES (mono)	6.1	UN2660	
NITROTRIAZOLONE	OXYNITROTRIAZOLONE	1.1D	UN0490	
Nitrous ester	Ester nitreux	3	See UN1194	
NITRO UREA	NITRO-URÉE	1.1D	UN0147	
NITROUS OXIDE	PROTOXYDE D'AZOTE	2.2	UN1070	
NITROUS OXIDE, REFRIGERATED LIQUID	PROTOXYDE D'AZOTE LIQUIDE RÉFRIGÉRÉ	2.2	UN2201	
NITROXYLENES, LIQUID	NITROXYLÈNES LIQUIDES	6.1	UN1665	
NITROXYLENES, SOLID	NITROXYLÈNES SOLIDES	6.1	UN3447	
Non-activated carbon	Charbon non actif	4.2	See UN1361	
Non-activated charcoal	Charbon de bois non actif	4.2	See UN1361	
NONANES	NONANES	3	UN1920	P
Nonylphenol	Nonylphénol	8	See UN3145	P
NONYLTRICHLOROSILANE	NONYLTRICHLOROSILANE	8	UN1799	
2,5-NORBORNADIENE, STABILIZED	NORBORNADIÈNE-2,5, STABILISÉ	3	UN2251	
Normal propyl alcohol	ALCOOL PROPYLIQUE NORMAL	3	See UN1274	
NTO	ONTA	1.1D	UN0490	
OCTADECYLTRICHLOROSILANE	OCTADÉCYLTRICHLOROSILANE	8	UN1800	
OCTADIENE	OCTADIÈNE	3	UN2309	
1,7-OCTADIENE-3,5-DIYNE-1,8-DIMETHOXY-9-OCTADECENOIC ACID	ACIDE OCTADIÉNE-1,7 DIYNE-3,5 DIMÉTHOXY-1,8 OCTADÉCYNOÏQUE-9	Forbidden		
OCTAFLUOROBUT-2-ENE	OCTAFLUOROBUTÈNE-2	2.2	UN2422	
OCTAFLUOROCYCLOBUTANE	OCTAFLUOROCYCLOBUTANE	2.2	UN1976	
OCTAFLUOROPROPANE	OCTAFLUOROPROPANE	2.2	UN2424	
OCTANES	OCTANES	3	UN1262	P
OCTOGEN, DESENSITIZED	OCTOGÈNE DÉSENSIBILISÉ	1.1D	UN0484	
OCTOGEN, DRY or unphlegmatized	OCTOGÈNE SEC ou non-flegmatisé	Forbidden		
OCTOGEN, WETTED with not less than 15% water, by mass	OCTOGÈNE HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0226	
OCTOL, dry or wetted with less than 15% water, by mass	OCTOL sec ou humidifié avec moins de 15 % (masse) d'eau	1.1D	UN0266	
OCTOLITE, dry or wetted with less than 15% water, by mass	OCTOLITE sèche ou humidifiée avec moins de 15 % (masse) d'eau	1.1D	UN0266	
OCTONAL	OCTONAL	1.1D	UN0496	
OCTYL ALDEHYDES	ALDÉHYDES OCTYLIQUES	3	UN1191	
<i>tert</i> -Octyl mercaptan	<i>tert</i> -Octylmercaptop	6.1	See UN3023	
OCTYLTRICHLOROSILANE	OCTYLTRICHLOROSILANE	8	UN1801	
Oenanthal	Oenanthal pur	3	See UN3056	
OIL GAS, COMPRESSED	GAZ DE PÉTROLE COMPRIMÉ	2.3	UN1071	
Oleum	Oléum	8	See UN1831	
Oleylamine	Oléylamine		See Note 1	P
ORGANIC PEROXIDE TYPE A, LIQUID OR SOLID	PEROXYDE ORGANIQUE DU TYPE A, LIQUIDE OU SOLIDE	Forbidden		
ORGANIC PEROXIDE TYPE B, LIQUID	PEROXYDE ORGANIQUE DU TYPE B, LIQUIDE	5.2	UN3101	
ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED	PEROXYDE ORGANIQUE DU TYPE B, LIQUIDE, AVEC RÉGULATION DE TEMPÉRATURE	5.2	UN3111	
ORGANIC PEROXIDE TYPE B, SOLID	PEROXYDE ORGANIQUE DU TYPE B, SOLIDE	5.2	UN3102	
ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED	PEROXYDE ORGANIQUE DU TYPE B, SOLIDE, AVEC RÉGULATION DE TEMPÉRATURE	5.2	UN3112	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
ORGANIC PEROXIDE TYPE C, LIQUID	PEROXYDE ORGANIQUE DU TYPE C, LIQUIDE	5.2	UN3103	
ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED	PEROXYDE ORGANIQUE DU TYPE C, LIQUIDE, AVEC RÉGULATION DE TEMPÉRATURE	5.2	UN3113	
ORGANIC PEROXIDE TYPE C, SOLID	PEROXYDE ORGANIQUE DU TYPE C, SOLIDE	5.2	UN3104	
ORGANIC PEROXIDE TYPE C, SOLID, TEMPERATURE CONTROLLED	PEROXYDE ORGANIQUE DU TYPE C, SOLIDE, AVEC RÉGULATION DE TEMPÉRATURE	5.2	UN3114	
ORGANIC PEROXIDE TYPE D, LIQUID	PEROXYDE ORGANIQUE DU TYPE D, LIQUIDE	5.2	UN3105	
ORGANIC PEROXIDE TYPE D, LIQUID, TEMPERATURE CONTROLLED	PEROXYDE ORGANIQUE DU TYPE D, LIQUIDE, AVEC RÉGULATION DE TEMPÉRATURE	5.2	UN3115	
ORGANIC PEROXIDE TYPE D, SOLID	PEROXYDE ORGANIQUE DU TYPE D, SOLIDE	5.2	UN3106	
ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED	PEROXYDE ORGANIQUE DU TYPE D, SOLIDE, AVEC RÉGULATION DE TEMPÉRATURE	5.2	UN3116	
ORGANIC PEROXIDE TYPE E, LIQUID	PEROXYDE ORGANIQUE DU TYPE E, LIQUIDE	5.2	UN3107	
ORGANIC PEROXIDE TYPE E, LIQUID, TEMPERATURE CONTROLLED	PEROXYDE ORGANIQUE DU TYPE E, LIQUIDE, AVEC RÉGULATION DE TEMPÉRATURE	5.2	UN3117	
ORGANIC PEROXIDE TYPE E, SOLID	PEROXYDE ORGANIQUE DU TYPE E, SOLIDE	5.2	UN3108	
ORGANIC PEROXIDE TYPE E, SOLID, TEMPERATURE CONTROLLED	PEROXYDE ORGANIQUE DU TYPE E, SOLIDE, AVEC RÉGULATION DE TEMPÉRATURE	5.2	UN3118	
ORGANIC PEROXIDE TYPE F, LIQUID	PEROXYDE ORGANIQUE DU TYPE F, LIQUIDE	5.2	UN3109	
ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED	PEROXYDE ORGANIQUE DU TYPE F, LIQUIDE, AVEC RÉGULATION DE TEMPÉRATURE	5.2	UN3119	
ORGANIC PEROXIDE TYPE F, SOLID	PEROXYDE ORGANIQUE DU TYPE F, SOLIDE	5.2	UN3110	
ORGANIC PEROXIDE TYPE F, SOLID, TEMPERATURE CONTROLLED	PEROXYDE ORGANIQUE DU TYPE F, SOLIDE, AVEC RÉGULATION DE TEMPÉRATURE	5.2	UN3120	
ORGANIC PIGMENTS, SELF-HEATING	PIGMENTS ORGANIQUES, AUTO-ÉCHAUFFANTS	4.2	UN3313	
ORGANOARSENIC COMPOUND, LIQUID, N.O.S.	COMPOSÉ ORGANIQUE DE L'ARSENIC, LIQUIDE, N.S.A.	6.1	UN3280	
ORGANOARSENIC COMPOUND, SOLID, N.O.S.	COMPOSÉ ORGANIQUE DE L'ARSENIC, SOLIDE, N.S.A.	6.1	UN3465	
ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	PESTICIDE ORGANOCHLORÉ LIQUIDE INFLAMMABLE, TOXIQUE, ayant un point d'éclair inférieur à 23 °C	3	UN2762	
ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	PESTICIDE ORGANOCHLORÉ LIQUIDE TOXIQUE	6.1	UN2996	
ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	PESTICIDE ORGANOCHLORÉ LIQUIDE TOXIQUE, INFLAMMABLE, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN2995	
ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	PESTICIDE ORGANOCHLORÉ SOLIDE TOXIQUE	6.1	UN2761	
ORGANOMETALLIC COMPOUND, LIQUID, TOXIC, N.O.S.	COMPOSÉ ORGANOMÉTALLIQUE LIQUIDE TOXIQUE, N.S.A.	6.1	UN3282	
ORGANOMETALLIC COMPOUND, SOLID, TOXIC, N.O.S.	COMPOSÉ ORGANOMÉTALLIQUE SOLIDE TOXIQUE, N.S.A.	6.1	UN3467	
ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC	MATIÈRE ORGANO-MÉTALLIQUE LIQUIDE PYROPHORIQUE	4.2	UN3392	
ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE	MATIÈRE ORGANO-MÉTALLIQUE LIQUIDE PYROPHORIQUE, HYDRORÉACTIVE	4.2	UN3394	
ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE	MATIÈRE ORGANO-MÉTALLIQUE LIQUIDE HYDRORÉACTIVE	4.3	UN3398	
ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE	MATIÈRE ORGANO-MÉTALLIQUE LIQUIDE HYDRORÉACTIVE, INFLAMMABLE	4.3	UN3399	
ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC	MATIÈRE ORGANO-MÉTALLIQUE SOLIDE PYROPHORIQUE	4.2	UN3391	
ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC, WATER-REACTIVE	MATIÈRE ORGANO-MÉTALLIQUE SOLIDE PYROPHORIQUE, HYDRORÉACTIVE	4.2	UN3393	
ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING	MATIÈRE ORGANO-MÉTALLIQUE SOLIDE AUTO-ÉCHAUFFANTE	4.2	UN3400	

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ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE	MATIÈRE ORGANO-MÉTALLIQUE SOLIDE HYDRORÉACTIVE	4.3	UN3395	
ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, FLAMMABLE	MATIÈRE ORGANO-MÉTALLIQUE SOLIDE HYDRORÉACTIVE, INFLAMMABLE	4.3	UN3396	
ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, SELF-HEATING	MATIÈRE ORGANO-MÉTALLIQUE SOLIDE HYDRORÉACTIVE, AUTO-ÉCHAUFFANTE	4.3	UN3397	
ORGANOPHOSPHORUS COMPOUND, LIQUID, TOXIC, N.O.S.	COMPOSÉ ORGANOPHOSPHORÉ LIQUIDE TOXIQUE, N.S.A.	6.1	UN3278	
ORGANOPHOSPHORUS COMPOUND, SOLID, TOXIC, N.O.S.	COMPOSÉ ORGANOPHOSPHORÉ SOLIDE TOXIQUE, N.S.A.	6.1	UN3464	
ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.	COMPOSÉ ORGANOPHOSPHORÉ TOXIQUE, INFLAMMABLE, N.S.A.	6.1	UN3279	
ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	PESTICIDE ORGANOPHOSPHORÉ LIQUIDE INFLAMMABLE, TOXIQUE, ayant un point d'éclair inférieur à 23 °C	3	UN2784	
ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	PESTICIDE ORGANOPHOSPHORÉ LIQUIDE TOXIQUE	6.1	UN3018	
ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	PESTICIDE ORGANOPHOSPHORÉ LIQUIDE TOXIQUE, INFLAMMABLE, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN3017	
ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	PESTICIDE ORGANOPHOSPHORÉ SOLIDE TOXIQUE	6.1	UN2783	
ORGANOTIN COMPOUND, LIQUID, N.O.S.	COMPOSÉ ORGANIQUE LIQUIDE DE L'ÉTAIN, N.S.A.	6.1	UN2788	P
ORGANOTIN COMPOUND, SOLID, N.O.S.	COMPOSÉ ORGANIQUE SOLIDE DE L'ÉTAIN, N.S.A.	6.1	UN3146	P
Organotin compounds (pesticides) (see ORGANOTIN PESTICIDE)	Composés organiques de l'étain (pesticides) (voir PESTICIDE ORGANOSTANNIQUE)			P
ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	PESTICIDE ORGANOSTANNIQUE LIQUIDE INFLAMMABLE, TOXIQUE, ayant un point d'éclair inférieur à 23 °C	3	UN2787	P
ORGANOTIN PESTICIDE, LIQUID, TOXIC	PESTICIDE ORGANOSTANNIQUE LIQUIDE TOXIQUE	6.1	UN3020	P
ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	PESTICIDE ORGANOSTANNIQUE LIQUIDE TOXIQUE, INFLAMMABLE, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN3019	P
ORGANOTIN PESTICIDE, SOLID, TOXIC	PESTICIDE ORGANOSTANNIQUE SOLIDE TOXIQUE	6.1	UN2786	P
Orthophosphoric acid	Acide orthophosphorique	8	See UN1805 See UN3453	
OSMIUM TETROXIDE	TÉTROXYDE D'OSMIUM	6.1	UN2471	P
Oxamyl (see CARBAMATE PESTICIDE)	Oxamyl (voir CARBAMATE PESTICIDE)			P
OXIDIZING LIQUID, N.O.S.	LIQUIDE COMBURANT, N.S.A.	5.1	UN3139	
OXIDIZING LIQUID, CORROSIVE, N.O.S.	LIQUIDE COMBURANT, CORROSIF, N.S.A.	5.1	UN3098	
OXIDIZING LIQUID, TOXIC, N.O.S.	LIQUIDE COMBURANT, TOXIQUE, N.S.A.	5.1	UN3099	
OXIDIZING SOLID, N.O.S.	SOLIDE COMBURANT, N.S.A.	5.1	UN1479	
OXIDIZING SOLID, CORROSIVE, N.O.S.	SOLIDE COMBURANT, CORROSIF, N.S.A.	5.1	UN3085	
OXIDIZING SOLID, FLAMMABLE, N.O.S.	SOLIDE COMBURANT, INFLAMMABLE, N.S.A.	Forbidden	UN3137	
OXIDIZING SOLID, SELF-HEATING, N.O.S.	SOLIDE COMBURANT, AUTO-ÉCHAUFFANT, N.S.A.	Forbidden	UN3100	
OXIDIZING SOLID, TOXIC, N.O.S.	SOLIDE COMBURANT, TOXIQUE, N.S.A.	5.1	UN3087	
OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	SOLIDE COMBURANT, HYDRORÉACTIF, N.S.A.	Forbidden	UN3121	
Oxirane	Oxirane	2.3	See UN1040	
Oxydisulfoton (see ORGANOPHOSPHORUS PESTICIDE)	Oxydisulfoton (voir PESTICIDE ORGANOPHOSPHORÉ)			P
OXYGEN, COMPRESSED	OXYGÈNE COMPRIMÉ	2.2	UN1072	
OXYGEN, REFRIGERATED LIQUID	OXYGÈNE LIQUIDE RÉFRIGÉRÉ	2.2	UN1073	
OXYGEN DIFLUORIDE, COMPRESSED	DIFLUORURE D'OXYGÈNE COMPRIMÉ	2.3	UN2190	
OXYGEN GENERATOR, CHEMICAL	GÉNÉRATEUR CHIMIQUE D'OXYGÈNE	5.1	UN3356	
1-Oxy-4-nitrobenzene	4-Hydroxynitrobenzène	6.1	See UN1663	

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PACKAGINGS DISCARDED, EMPTY, UNCLEANED	EMBALLAGES AU REBUT, VIDÉS, NON NETTOYÉS	9	UN3509	
PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) with not more than 20% nitrocellulose by mass if the nitrogen content of the nitrocellulose is not more than 12.6% by mass	PEINTURES (y compris peintures, laques, émaux, couleurs, shellacs, vernis, cirages, encaustiques, enduits d'apprêt et bases liquides pour laques) contenant au plus 20 % (masse) de nitrocellulose, si la teneur en azote de la nitrocellulose ne dépasse pas 12,6 % (masse)	3 8	UN1263 UN3066	
PAINT, CORROSIVE, FLAMMABLE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base), with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass	PEINTURES, CORROSIVES, INFAMMABLES (y compris peintures, laques, émaux, couleurs, shellacs, vernis, cirages, encaustiques, enduits d'apprêt et bases liquides pour laques) contenant au plus 20 % (masse) de nitrocellulose, si la teneur en azote de la nitrocellulose ne dépasse pas 12,6 % (masse)	8	UN3470	
PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base), with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass	PEINTURES, INFAMMABLES, CORROSIVES (y compris peintures, laques, émaux, couleurs, shellacs, vernis, cirages, encaustiques, enduits d'apprêt et bases liquides pour laques) avec au plus 20 % (masse) de nitrocellulose, si la teneur en azote de la nitrocellulose ne dépasse pas 12,6 % (masse)	3	UN3469	
PAINT RELATED MATERIAL (including paint thinning or reducing compound) with not more than 20% nitrocellulose by mass if the nitrogen content of the nitrocellulose is not more than 12.6% by mass	MATIÈRES APPARENTÉES AUX PEINTURES (y compris solvants et diluants pour peintures) contenant au plus 20 % (masse) de nitrocellulose, si la teneur en azote de la nitrocellulose ne dépasse pas 12,6 % (masse)	3 8	UN1263 UN3066	
PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE (including paint thinning or reducing compound), with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass	MATIÈRES APPARENTÉES AUX PEINTURES, CORROSIVES, INFAMMABLES (y compris solvants et diluants pour peintures) contenant au plus 20 % (masse) de nitrocellulose, si la teneur en azote de la nitrocellulose ne dépasse pas 12,6 % (masse)	8	UN3470	
PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound), with not more than 20% nitrocellulose, by mass, if the nitrogen content of the nitrocellulose is not more than 12.6%, by mass	MATIÈRES APPARENTÉES AUX PEINTURES, INFAMMABLES, CORROSIVES (y compris solvants et diluants pour peintures) avec au plus 20 % (masse) de nitrocellulose, si la teneur en azote de la nitrocellulose ne dépasse pas 12,6 % (masse)	3	UN3469	
PAPER, UNSATURATED OIL TREATED, incompletely dried (including carbon paper)	PAPIER TRAITÉ AVEC DES HUILES NON SATURÉES, incomplètement séché (comprend le papier carbone)	4.2	UN1379	
Paraffin	Huile de paraffine	3	See UN1223	
PARAFORMALDEHYDE	PARAFORMALDÉHYDE	4.1	UN2213	
PARALDEHYDE	PARALDÉHYDE	3	UN1264	
Paraoxon (see ORGANOPHOSPHORUS PESTICIDE)	Paraoxon (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Parathion (see ORGANOPHOSPHORUS PESTICIDE)	Parathion (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Parathion-methyl (see ORGANOPHOSPHORUS PESTICIDE)	Parathion-méthyl (voir PESTICIDE ORGANOPHOSPHORÉ)			P
PCBs	PCB; ou Polychlorobiphényles	9	UN2315 UN3432	P P
PENTABORANE	PENTABORANE	4.2	UN1380	
PENTACHLOROETHANE	PENTACHLORÉTHANE	6.1	UN1669	P
PENTACHLOROPHENOL	PENTACHLOROPHÉNOL	6.1	UN3155	P
Pentachlorophenol (see ORGANOCHLORINE PESTICIDE)	Pentachlorophénol (voir PESTICIDE ORGANOCHLORÉ)			P
PENTAERYTHRITE TETRANITRATE (DRY)	TÉTRANITRATE DE PENTAÉRYTHRITE (SEC)	Forbidden		
PENTAERYTHRITE TETRANITRATE with not less than 7% wax, by mass	TÉTRANITRATE DE PENTAÉRYTHRITE avec au moins 7 % (masse) de cire	1.1D	UN0411	
PENTAERYTHRITE TETRANITRATE, DESENSITIZED with not less than 15% phlegmatizer, by mass	TÉTRANITRATE DE PENTAÉRYTHRITE DÉSENSIBILISÉ avec au moins 15 % (masse) de flegmatisant	1.1D	UN0150	
PENTAERYTHRITE TETRANITRATE, WETTED with not less than 25% water, by mass	TÉTRANITRATE DE PENTAÉRYTHRITE HUMIDIFIÉ avec au moins 25 % (masse) d'eau	1.1D	UN0150	
PENTAERYTHRITE TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	TÉTRANITRATE DE PENTAÉRYTHRITE EN MÉLANGE, DÉSENSIBILISÉ, SOLIDE, N.S.A., avec plus de 10 % mais au plus 20 % (masse) de PETN	Forbidden	UN3344	

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PENTAERYTHRITOL TETRANITRATE (DRY)	TÉTRANITRATE DE PENTAÉRYTHRITOL (SEC)	Forbidden		
PENTAERYTHRITOL TETRANITRATE with not less than 7% wax, by mass	TÉTRANITRATE DE PENTAÉRYTHRITOL avec au moins 7 % (masse) de cire	1.1D	UN0411	
PENTAERYTHRITOL TETRANITRATE, DESENSITIZED with not less than 15% phlegmatizer, by mass	TÉTRANITRATE DE PENTAÉRYTHRITOL DÉSENSIBILISÉ avec au moins 15 % (masse) de flegmatisant	1.1D	UN0150	
PENTAERYTHRITOL TETRANITRATE, WETTED with not less than 25% water, by mass	TÉTRANITRATE DE PENTAÉRYTHRITOL, HUMIDIFIÉ avec au moins 25 % (masse) d'eau	1.1D	UN0150	
PENTAERYTHRITOL TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	TÉTRANITRATE DE PENTAÉRYTHRITOL EN MÉLANGE, DÉSENSIBILISÉ, SOLIDE, N.S.A., avec plus de 10 % mais au plus 20 % (masse) de PETN	Forbidden	UN3344	
PENTAFLUOROETHANE	PENTAFLUORÉTHANE	2.2	UN3220	
Pentafluoroethane, 1,1,1-trifluoroethane, and 1,1,2,2-tetrafluoroethane zeotropic mixture with approximately 44% pentafluoroethane and 52% 1,1,1-trifluoroethane	Pentafluoréthane, trifluoro-1,1,1 éthane et tétrafluoro-1,1,1,2 éthane, en mélange zéotropique avec environ 44 % de pentafluoréthane et 52 % de trifluoro-1,1,1,2 éthane	2.2	See UN3337	
Pentalin	Pentaline	6.1	See UN1669	P
PENTAMETHYLHEPTANE	PENTAMÉTHYLHEPTANE	3	UN2286	
Pentanal	Pentanal	3	See UN2058	
n-Pentane	PENTANES, liquides	3	See UN1265	
PENTANE-2,4-DIONE	PENTANEDIONE-2,4	3	UN2310	
PENTANES, liquid	PENTANES, liquides	3	UN1265	
Pantanethiol	Pantanethiol	3	See UN1111	
PENTANITROANILINE (DRY)	PENTANITROANILINE (SÈCHE)	Forbidden		
PENTANOLS	PENTANOLS	3	UN1105	
3-Pentanol	Pentanol-3	3	See UN1105	
1-PENTENE	PENTÈNE-1	3	UN1108	
1-PENTOL	PENTOL-1	8	UN2705	
PENTOLITE, dry or wetted with less than 15% water, by mass	PENTOLITE sèche ou humidifiée avec moins de 15 % (masse) d'eau	1.1D	UN0151	
n-Pentylbenzene	n-Pentylbenzène		See Note 1	P
Pentyl nitrite	Nitrite d'isopentyle	3	See UN1113	
PERCHLORATES, INORGANIC, N.O.S.	PERCHLORATES INORGANIQUES, N.S.A.	5.1	UN1481	
PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	PERCHLORATES INORGANIQUES EN SOLUTION AQUEUSE, N.S.A.	5.1	UN3211	
PERCHLORIC ACID with more than 50% but not more than 72% acid, by mass	ACIDE PERCHLORIQUE contenant plus de 50 % (masse) mais au maximum 72 % d'acide	5.1	UN1873	
PERCHLORIC ACID with more than 72% acid, by mass	ACIDE PERCHLORIQUE contenant plus de 72 % (masse) d'acide	Forbidden		
PERCHLORIC ACID with not more than 50% acid, by mass	ACIDE PERCHLORIQUE contenant au plus 50 % (masse) d'acide	8	UN1802	
Perchlorobenzene	Perchlorobenzène	6.1	See UN2729	
Perchlorocyclopentadiene	Perchlorocyclopentadiène	6.1	See UN2646	
Perchloroethylene	Perchloréthylène	6.1	See UN1897	P
PERCHLOROMETHYL MERCAPTAN	MERCAPTAN MÉTHYLIQUE PERCHLORÉ	6.1	UN1670	P
PERCHLORYL FLUORIDE	FLUORURE DE PERCHLORYLE	2.3	UN3083	
Perfluoroacetyl chloride	Chlorure de perfluoracétyle	2.3	See UN3057	
PERFLUORO(ETHYLVINYL ETHER)	ÉTHER PERFLUORO(ÉTHYLVINYLIQUE)	2.1	UN3154	
PERFLUORO(METHYLVINYL ETHER)	ÉTHER PERFLUORO(MÉTHYLVINYLIQUE)	2.1	UN3153	
Perfluorocyclobutane	Perfluorocyclobutane	2.2	See UN1976	
Perfluoropropane	Perfluoropropane	2.2	See UN2424	
PERFUMERY PRODUCTS with flammable solvents	PRODUITS POUR PARFUMERIE contenant des solvants inflammables	3	UN1266	

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PERMANGANATES, INORGANIC, N.O.S.	PERMANGANATES INORGANIQUES, N.S.A.	5.1	UN1482	
PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	PERMANGANATES INORGANIQUES EN SOLUTION AQUEUSE, N.S.A.	5.1	UN3214	
PEROXIDES, INORGANIC, N.O.S.	PEROXYDES INORGANIQUES, N.S.A.	5.1	UN1483	
PEROXYACETIC ACID AND HYDROGEN PEROXIDE MIXTURE, with more than 43% peroxyacetic acid and more than 5% hydrogen peroxide	ACIDE PEROXYACÉTIQUE ET PEROXYDE D'HYDROGÈNE EN MÉLANGE, avec plus de 43 % d'acide peroxyacétique et plus de 5 % de peroxyde d'hydrogène	Forbidden		
PEROXYACETIC ACID AND HYDROGEN PEROXIDE MIXTURE STABILIZED with acid(s), water and not more than 5% peroxyacetic acid	ACIDE PEROXYACÉTIQUE ET PEROXYDE D'HYDROGÈNE EN MÉLANGE STABILISÉ avec acide(s), eau et au plus 5 % d'acide peroxyacétique	5.1	UN3149	
PERSULFATES, INORGANIC, N.O.S.	PERSULFATES INORGANIQUES, N.S.A.	5.1	UN3215	
PERSULFATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	PERSULFATES INORGANIQUES EN SOLUTION AQUEUSE, N.S.A.	5.1	UN3216	
PERSULPHATES, INORGANIC, N.O.S.	PERSULFATES INORGANIQUES, N.S.A.	5.1	UN3215	
PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	PERSULFATES INORGANIQUES EN SOLUTION AQUEUSE, N.S.A.	5.1	UN3216	
PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S., flash point less than 23 °C	PESTICIDE LIQUIDE INFLAMMABLE, TOXIQUE, N.S.A., ayant un point d'éclair inférieur à 23 °C	3	UN3021	
PESTICIDE, LIQUID, TOXIC, N.O.S.	PESTICIDE LIQUIDE TOXIQUE, N.S.A.	6.1	UN2902	
PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flash point not less than 23 °C	PESTICIDE LIQUIDE TOXIQUE, INFLAMMABLE, N.S.A., ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN2903	
PESTICIDE, SOLID, TOXIC, N.O.S.	PESTICIDE SOLIDE TOXIQUE, N.S.A.	6.1	UN2588	
Pesticide, toxic, under compressed gas, n.o.s.	Pesticide, toxique, sous gaz comprimé, n.s.a.	2.3	See UN1950	
PETN with not less than 7% wax, by mass	PETN avec au moins 7 % (masse) de cire	1.1D	UN0411	
PETN, DESENSITIZED with not less than 15% phlegmatizer, by mass	PETN DÉSENSIBILISÉ avec au moins 15 % (masse) de flegmatiseur	1.1D	UN0150	
PETN, WETTED with not less than 25% water, by mass	PETN HUMIDIFIÉ avec au moins 25 % (masse) d'eau	1.1D	UN0150	
PETN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	PETN EN MÉLANGE, DÉSENSIBILISÉ, SOLIDE, N.S.A., avec plus de 10 % mais au plus 20 % (masse) de PETN	Forbidden	UN3344	
PETN/TNT	PETN/TNT	1.1D	See UN0151	
PETROL	ESSENCE	3	UN1203	
PETROL leaded	ESSENCE au plomb	3	UN1203	P
Petrol and ethanol mixture	MÉLANGE D'ÉTHANOL ET D'ESSENCE	3	See UN3475	
PETROLEUM CRUDE OIL	PÉTROLE BRUT	3	UN1267	
PETROLEUM DISTILLATES, N.O.S.	DISTILLATS DE PÉTROLE, N.S.A.	3	UN1268	
Petroleum ether	Éther de pétrole	3	See UN1268	
PETROLEUM GASES, LIQUEFIED	GAZ DE PÉTROLE LIQUÉFIÉS; ou GAZ LIQUÉFIÉS DE PÉTROLE	2.1	UN1075	
Petroleum naphtha	Essence minérale légère	3	See UN1268	
Petroleum oil	Huile de pétrole	3	See UN1268	
PETROLEUM PRODUCTS, N.O.S.	PRODUITS PÉTROLIERS, N.S.A.	3	UN1268	
Petroleum raffinate	Raffinat de pétrole	3	See UN1268	
PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	PÉTROLE BRUT ACIDE, INFLAMMABLE, TOXIQUE	3	UN3494	
Petroleum spirit	Essence de pétrole	3	See UN1268	
PHENACYL BROMIDE	BROMURE DE PHÉNACYLE	6.1	UN2645	
Phenarsazine chloride	Chlorure de phenarsazine	6.1	See UN1698	P
PHENETIDINES	PHÉNÉTIDINES	6.1	UN2311	
PHENOLATES, LIQUID	PHÉNOLATES LIQUIDES	8	UN2904	
PHENOLATES, SOLID	PHÉNOLATES SOLIDES	8	UN2905	
PHENOL, MOLTEN	PHÉNOL FONDU	6.1	UN2312	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
PHENOL, SOLID	PHÉNOL SOLIDE	6.1	UN1671	
PHENOL SOLUTION	PHÉNOL EN SOLUTION	6.1	UN2821	
PHENOLSULFONIC ACID, LIQUID	ACIDE PHÉNOLSULFONIQUE LIQUIDE	8	UN1803	
PHENOLSULPHONIC ACID, LIQUID	ACIDE PHÉNOLSULFONIQUE LIQUIDE	8	UN1803	
d-Phenothrin	d-Phénothrine		See Note 1	P
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	ACIDE PHÉNOXYACÉTIQUE, DÉRIVÉ PESTICIDE LIQUIDE, INFILTRANT, TOXIQUE, ayant un point d'éclair inférieur à 23 °C	3	UN3346	
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	ACIDE PHÉNOXYACÉTIQUE, DÉRIVÉ PESTICIDE LIQUIDE, TOXIQUE	6.1	UN3348	
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	ACIDE PHÉNOXYACÉTIQUE, DÉRIVÉ PESTICIDE LIQUIDE, TOXIQUE, INFILTRANT, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN3347	
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	ACIDE PHÉNOXYACÉTIQUE, DÉRIVÉ PESTICIDE SOLIDE, TOXIQUE	6.1	UN3345	
Phentoate (see ORGANOPHOSPHORUS PESTICIDE)	Phentoate (voir PESTICIDE ORGANOPHOSPHORÉ)			P
PHENYLACETONITRILE, LIQUID	PHÉNYLACÉTONITRILE LIQUIDE	6.1	UN2470	
PHENYLACETYL CHLORIDE	CHLORURE DE PHÉNYLACÉTYLE	8	UN2577	
Phenylamine	Phénylamine	6.1	See UN1547	P
Phenyl bromide	Monobromobenzène	3	See UN2514	P
1-Phenylbutane	Phényl-1 butane	3	See UN2709	P
2-Phenylbutane	Phényl-2 butane	3	See UN2709	P
PHENYLCARBYLAMINE CHLORIDE	CHLORURE DE PHÉNYLCARBYLAMINE	6.1	UN1672	
PHENYL CHLOROFORMATE	CHLOROFORMIATE DE PHÉNYLE	6.1	UN2746	
Phenyl cyanide	Cyanure de phényle	6.1	See UN2224	
Phenylcyclohexane	Phénylcyclohexane	9	See UN3082	P
m-PHENYLENE DIAMINEDIPERCHLORATE (DRY)	DIPERCHLORATE DE m-PHÉNYLENE DIAMINE (SEC)	Forbidden		
PHENYLENEDIAMINES (o-, m-, p-)	PHÉNYLÉNEDIAMINES (o-, m-, p-)	6.1	UN1673	
Phenylethylene	Phényléthylène	3	See UN2055	
PHENYLHYDRAZINE	PHÉNYLHYDRAZINE	6.1	UN2572	
PHENYL ISOCYANATE	ISOCYANATE DE PHÉNYLE	6.1	UN2487	
Phenylisocyanodichloride	Dichlorure d'isocyanophényle	6.1	See UN1672	
PHENYL MERCAPTAN	MERCAPTAN PHÉNYLE	6.1	UN2337	
PHENYLMERCURIC ACETATE	ACÉTATE DE PHÉNYL MERCURE	6.1	UN1674	P
PHENYLMERCURIC COMPOUND, N.O.S.	COMPOSÉ PHÉNYL MERCURIQUE, N.S.A.	6.1	UN2026	P
PHENYLMERCURIC HYDROXIDE	HYDROXYDE DE PHÉNYL MERCURE	6.1	UN1894	P
PHENYLMERCURIC NITRATE	NITRATE DE PHÉNYL MERCURE	6.1	UN1895	P
Phenylmethylene	Phénylméthylène	3	See UN2055	
PHENYLPHOSPHORUS DICHLORIDE	DICHLOROPHÉNYLPHOSPHINE	8	UN2798	
PHENYLPHOSPHORUS THIODICHLORIDE	DICHLOROPHÉNYLTHIOPHOSPHINE	8	UN2799	
2-Phenylpropene	Phényl-2 propène	3	See UN2303	
PHENYLTRICHLOROSILANE	PHÉNYLTRICHLOROSILANE	8	UN1804	
Phorate (see ORGANOPHOSPHORUS PESTICIDE)	Phorate (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Phosalone (see ORGANOPHOSPHORUS PESTICIDE)	Phosalone (voir PESTICIDE ORGANOPHOSPHORÉ)			P
PHOSGENE	PHOSGÈNE	2.3	UN1076	
Phosmet (see ORGANOPHOSPHORUS PESTICIDE)	Phosmet (voir PESTICIDE ORGANOPHOSPHORÉ)			P
9-PHOSPHABICYCLONONANES	PHOSPHA-9 BICYCLONONANES	4.2	UN2940	
Phosphamidon (see ORGANOPHOSPHORUS PESTICIDE)	Phosphamidon (voir PESTICIDE ORGANOPHOSPHORÉ)			P
PHOSPHINE	PHOSPHINE	2.3	UN2199	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
PHOSPHINE, ADSORBED	PHOSPHINE ADSORBÉE	2.3	UN3525	
Phosphoretted hydrogen	Hydrogène phosphoré	2.3	See UN2199	
Phosphoric acid, anhydrous	Acide phosphorique anhydre	8	UN1807	
PHOSPHORIC ACID, SOLID	ACIDE PHOSPHORIQUE SOLIDE	8	UN3453	
PHOSPHORIC ACID SOLUTION	ACIDE PHOSPHORIQUE EN SOLUTION	8	UN1805	
PHOSPHOROUS ACID	ACIDE PHOSPHOREUX	8	UN2834	
PHOSPHORUS, AMORPHOUS	PHOSPHORE AMORPHE	4.1	UN1338	
Phosphorus bromide	Bromure de phosphore	8	See UN1808	
Phosphorus chloride	Chlorure de phosphore	6.1	See UN1809	
PHOSPHORUS HEPTASULFIDE, free from yellow and white phosphorus	HEPTASULFURE DE PHOSPHORE ne contenant pas de phosphore jaune ou blanc	4.1	UN1339	
PHOSPHORUS HEPTASULPHIDE, free from yellow and white phosphorus	HEPTASULFURE DE PHOSPHORE ne contenant pas de phosphore jaune ou blanc	4.1	UN1339	
PHOSPHORUS OXYBROMIDE	OXYBROMURE DE PHOSPHORE	8	UN1939	
PHOSPHORUS OXYBROMIDE, MOLTEN	OXYBROMURE DE PHOSPHORE FONDU	8	UN2576	
PHOSPHORUS OXYCHLORIDE	OXYCHLORURE DE PHOSPHORE	6.1	UN1810	
PHOSPHORUS PENTABROMIDE	PENTABROMURE DE PHOSPHORE	8	UN2691	
PHOSPHORUS PENTACHLORIDE	PENTACHLORURE DE PHOSPHORE	8	UN1806	
PHOSPHORUS PENTAFLUORIDE	PENTAFLUORURE DE PHOSPHORE	2.3	UN2198	
PHOSPHORUS PENTAFLUORIDE, ADSORBED	PENTAFLUORURE DE PHOSPHORE ADSORBÉ	2.3	UN3524	
PHOSPHORUS PENTASULFIDE, free from yellow and white phosphorus	PENTASULFURE DE PHOSPHORE ne contenant pas de phosphore jaune ou blanc	4.3	UN1340	
PHOSPHORUS PENTASULPHIDE, free from yellow and white phosphorus	PENTASULFURE DE PHOSPHORE ne contenant pas de phosphore jaune ou blanc	4.3	UN1340	
PHOSPHORUS PENTOXIDE	ANHYDRIDE PHOSPHORIQUE; ou PENTOXIDE DE PHOSPHORE	8	UN1807	
PHOSPHORUS SESQUISULFIDE, free from yellow and white phosphorus	SESSQUISULFURE DE PHOSPHORE ne contenant pas de phosphore jaune ou blanc	4.1	UN1341	
PHOSPHORUS SESQUISULPHIDE, free from yellow and white phosphorus	SESSQUISULFURE DE PHOSPHORE ne contenant pas de phosphore jaune ou blanc	4.1	UN1341	
Phosphorus (V) sulfide, free from yellow and white phosphorus	Sulfure de phosphore (V) exempt de phosphore jaune ou blanc	4.3	See UN1340	
Phosphorus sulfochloride	Sulfochlorure de phosphore	8	See UN1837	
Phosphorus (V) sulphide, free from yellow and white phosphorus	Sulfure de phosphore (V) exempt de phosphore jaune ou blanc	4.3	See UN1340	
Phosphorus sulphochloride	Sulfochlorure de phosphore	8	See UN1837	
PHOSPHORUS TRIBROMIDE	TRIBROMURE DE PHOSPHORE	8	UN1808	
PHOSPHORUS TRICHLORIDE	TRICHLORURE DE PHOSPHORE	6.1	UN1809	
PHOSPHORUS TRIOXIDE	TRIOXYDE DE PHOSPHORE	8	UN2578	
PHOSPHORUS TRISULFIDE, free from yellow and white phosphorus	TRISULFURE DE PHOSPHORE ne contenant pas de phosphore jaune ou blanc	4.1	UN1343	
PHOSPHORUS TRISULPHIDE, free from yellow and white phosphorus	TRISULFURE DE PHOSPHORE ne contenant pas de phosphore jaune ou blanc	4.1	UN1343	
PHOSPHORUS, WHITE, DRY	PHOSPHORE BLANC, SEC	4.2	UN1381	P
PHOSPHORUS, WHITE, IN SOLUTION	PHOSPHORE BLANC, EN SOLUTION	4.2	UN1381	P
PHOSPHORUS, WHITE, MOLTEN	PHOSPHORE BLANC FONDU	4.2	UN2447	P
PHOSPHORUS, WHITE, UNDER WATER	PHOSPHORE BLANC, RECOUVERT D'EAU	4.2	UN1381	P
PHOSPHORUS (WHITE OR RED) AND A CHLORATE, MIXTURES OF	PHOSPHORE (BLANC OU ROUGE) ET UN CHLORATE (MÉLAGNES)	Forbidden		
PHOSPHORUS, YELLOW, DRY	PHOSPHORE JAUNE, SEC	4.2	UN1381	P

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
PHOSPHORUS, YELLOW, IN SOLUTION	PHOSPHORE JAUNE, EN SOLUTION	4.2	UN1381	P
PHOSPHORUS, YELLOW, UNDER WATER	PHOSPHORE JAUNE, RECOUVERT D'EAU	4.2	UN1381	P
Phosphoryl chloride	Chlorure de phosphoryle	6.1	See UN1810	
PHTHALIC ANHYDRIDE with more than 0.05% of maleic anhydride	ANHYDRIDE PHTALIQUE contenant plus de 0,05 % d'anhydride maléique	8	UN2214	
PICOLINES	PICOLINES	3	UN2313	
PICRAMIDE	PICRAMIDE	1.1D	UN0153	
PICRIC ACID, dry or wetted with less than 30% water, by mass	ACIDE PICRIQUE sec ou humidifié avec moins de 30 % (masse) d'eau	1.1D	UN0154	
PICRIC ACID, wetted with not less than 10% water, by mass	ACIDE PICRIQUE HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN3364	
PICRIC ACID, wetted with not less than 30% water, by mass	ACIDE PICRIQUE HUMIDIFIÉ avec au moins 30 % (masse) d'eau	4.1	UN1344	
PICRITE, dry or wetted with less than 20% water, by mass	GUANITE sèche ou humidifiée avec moins de 20 % (masse) d'eau; ou PICRITE sèche ou humidifiée avec moins de 20 % (masse) d'eau	1.1D	UN0282	
PICRITE, WETTED with not less than 20% water, by mass	PICRITE HUMIDIFIÉE avec au moins 20 % (masse) d'eau	4.1	UN1336	
Picrotoxin	Picrotoxine	6.1	See UN3172 See UN3462	
PICRYL CHLORIDE	CHLORURE DE PICRYLE	1.1D	UN0155	
Pindone (and salts of) (see PESTICIDE, N.O.S.)	Pindone (et ses sels) (voir PESTICIDE, N.S.A.)			P
PICRYL CHLORIDE, WETTED with not less than 10% water by mass	CHLORURE DE PICRYLE HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN3365	
alpha-PINENE	alpha-PINÈNE	3	UN2368	P
PINE OIL	HUILE DE PIN	3	UN1272	P
PIPERAZINE	PIPÉRAZINE	8	UN2579	
PIPERIDINE	PIPÉRIDINE	8	UN2401	
Pirimicarb (see CARBAMATE PESTICIDE)	Pirimicarbe (voir CARBAMATE PESTICIDE)			P
Pirimiphos-ethyl (see ORGANOPHOSPHORUS PESTICIDE)	Pyrimiphos-éthyl (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Pivaloyl chloride	Chlorure de pivaloyle	6.1	See UN2438	
Plastic explosives	Explosifs plastiques	1.1D	See UN0084	
PLASTICS MOULDING COMPOUND in dough, sheet or extruded rope form evolving flammable vapour	MATIÈRE PLASTIQUE POUR MOULAGE en pâte, en feuille ou en cordon extrudé, dégageant des vapeurs inflammables	9	UN3314	
PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.	MATIÈRES PLASTIQUES À BASE DE NITROCELLULOSE, AUTO-ÉCHAUFFANTES, N.S.A.	4.2	UN2006	
Polishes	Encaustiques	3 8 3 8	UN1263 UN3066 UN3469 UN3470	
POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	POLYAMINES INFLAMMABLES, CORROSIVES, N.S.A.	3	UN2733	
POLYAMINES, LIQUID, CORROSIVE, N.O.S.	POLYAMINES LIQUIDES CORROSIVES, N.S.A.	8	UN2735	
POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	POLYAMINES LIQUIDES CORROSIVES, INFLAMMABLES, N.S.A.	8	UN2734	
POLYAMINES, SOLID, CORROSIVE, N.O.S.	POLYAMINES SOLIDES CORROSIVES, N.S.A.	8	UN3259	
POLYCHLORINATED BIPHENYLS, LIQUID, regulated only when the concentration is more than 50 ppm by mass	DIPHÉNYLES POLYCHLORÉS LIQUIDES, réglementés seulement en concentration de plus de 50 ppm (masse)	9	UN2315	P
POLYCHLORINATED BIPHENYLS, SOLID, regulated only when the concentration is more than 50 ppm by mass	DIPHÉNYLES POLYCHLORÉS SOLIDES, réglementés seulement en concentration de plus de 50 ppm (masse)	9	UN3432	P

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
POLYESTER RESIN KIT, liquid base material	TROUSSE DE RÉSINE POLYESTER, constituant de base liquide	3	UN3269	
POLYESTER RESIN KIT, solid base material	TROUSSE DE RÉSINE POLYESTER, constituant de base solide	4.1	UN3527	
POLYHALOGENATED BIPHENYLS, LIQUID, regulated only when the concentration is more than 50 ppm by mass	DIPHÉNYLES POLYHALOGÉNÉS LIQUIDES, réglementés seulement en concentration de plus de 50 ppm (masse)	9	UN3151	P
POLYHALOGENATED BIPHENYLS, SOLID, regulated only when the concentration is more than 50 ppm by mass	DIPHÉNYLES POLYHALOGÉNÉS SOLIDES, réglementés seulement en concentration de plus de 50 ppm (masse)	9	UN3152	P
POLYHALOGENATED TERPHENYLS, LIQUID, regulated only when the concentration is more than 50 ppm by mass	TERPHÉNYLES POLYHALOGÉNÉS LIQUIDES, réglementés seulement en concentration de plus de 50 ppm (masse)	9	UN3151	P
POLYHALOGENATED TERPHENYLS, SOLID, regulated only when the concentration is more than 50 ppm by mass	TERPHÉNYLES POLYHALOGÉNÉS SOLIDES, réglementés seulement en concentration de plus de 50 ppm (masse)	9	UN3152	P
POLYMERIC BEADS, EXPANDABLE, evolving flammable vapour	POLYMÈRES EXPANSIBLES EN GRANULÉS dégageant des vapeurs inflammables	9	UN2211	
POLYMERIZING SUBSTANCE LIQUID, STABILIZED, N.O.S.	MATIÈRE LIQUIDE QUI POLYMÉRISE, STABILISÉE, N.S.A	4.1	UN3532	
POLYMERIZING SUBSTANCE, LIQUID, TEMPERATURE CONTROLLED, N.O.S.	MATIÈRE LIQUIDE QUI POLYMÉRISE, AVEC RÉGULATEUR DE TEMPÉRATURE, N.S.A	4.1	UN3534	
POLYMERIZING SUBSTANCE, SOLID, STABILIZED, N.O.S.	MATIÈRE SOLIDE QUI POLYMÉRISE, STABILISÉE, N.S.A	4.1	UN3531	
POLYMERIZING SUBSTANCE, SOLID, TEMPERATURE CONTROLLED, N.O.S.	MATIÈRE SOLIDE QUI POLYMÉRISE, AVEC RÉGULATEUR DE TEMPÉRATURE, N.S.A	4.1	UN3533	
Polystyrene beads, expandable	Polystyrène expansible en granules	9	See UN2211	
POTASSIUM	POTASSIUM	4.3	UN2257	
POTASSIUM ARSENATE	ARSÉNIATE DE POTASSIUM	6.1	UN1677	
POTASSIUM ARSENITE	ARSÉNITE DE POTASSIUM	6.1	UN1678	
Potassium bifluoride	Bifluorure de potassium	8	See UN1811 See UN3421	
Potassium bisulfate	Bisulfate de potassium	8	See UN2509	
Potassium bisulfite solution	Bisulfite de potassium en solution	8	See UN2693	
Potassium bisulphate	Bisulfate de potassium	8	See UN2509	
Potassium bisulphite solution	Bisulfite de potassium en solution	8	See UN2693	
POTASSIUM BOROHYDRIDE	BOROHYDRURE DE POTASSIUM	4.3	UN1870	
POTASSIUM BROMATE	BROMATE DE POTASSIUM	5.1	UN1484	
POTASSIUM CARBONYL	POTASSIUM CARBONYLE	Forbidden		
POTASSIUM CHLORATE	CHLORATE DE POTASSIUM	5.1	UN1485	
POTASSIUM CHLORATE, AQUEOUS SOLUTION	CHLORATE DE POTASSIUM EN SOLUTION AQUEUSE	5.1	UN2427	
Potassium chlorate mixed with mineral oil	Chlorate de potassium en mélange avec de l'huile minérale	1.1D	See UN0083	
POTASSIUM CUPROCYANIDE	CUPROCYANURE DE POTASSIUM	6.1	UN1679	P
POTASSIUM CYANIDE, SOLID	CYANURE DE POTASSIUM, SOLIDE	6.1	UN1680	P
POTASSIUM CYANIDE SOLUTION	CYANURE DE POTASSIUM EN SOLUTION	6.1	UN3413	P
Potassium cyanocuprate (I)	Cyanocuprate de potassium (I)	6.1	See UN1679	P
Potassium cyanomercurate	Cyanomercurate de potassium	6.1	See UN1626	P
Potassium dicyanocuprate (I)	Dicyanocuprate de potassium (I)	6.1	See UN1679	P
POTASSIUM DITHIONITE	DITHIONITE DE POTASSIUM	4.2	UN1929	
POTASSIUM FLUORIDE, SOLID	FLUORURE DE POTASSIUM, SOLIDE	6.1	UN1812	
POTASSIUM FLUORIDE SOLUTION	FLUORURE DE POTASSIUM EN SOLUTION	6.1	UN3422	
POTASSIUM FLUOROACETATE	FLUORACÉTATE DE POTASSIUM	6.1	UN2628	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
POTASSIUM FLUOROSILICATE	FLUOROSILICATE DE POTASSIUM	6.1	UN2655	
Potassium hexafluorosilicate	Hexafluorosilicate de potassium	6.1	See UN2655	
Potassium hydrate	Hydrate de potassium	8	See UN1814	
POTASSIUM HYDROGEN DIFLUORIDE, SOLID	HYDROGÉNODIFLUORURE DE POTASSIUM SOLIDE	8	UN1811	
POTASSIUM HYDROGEN DIFLUORIDE, SOLUTION	HYDROGÉNODIFLUORURE DE POTASSIUM EN SOLUTION	8	UN3421	
POTASSIUM HYDROGEN SULFATE	HYDROGÉNOSULFATE DE POTASSIUM	8	UN2509	
POTASSIUM HYDROGEN SULPHATE	HYDROGÉNOSULFATE DE POTASSIUM	8	UN2509	
POTASSIUM HYDROSULFITE	HYDROSULFITE DE POTASSIUM	4.2	UN1929	
POTASSIUM HYDROSULPHITE	HYDROSULFITE DE POTASSIUM	4.2	UN1929	
Potassium hydroxide, liquid	HYDROXYDE DE POTASSIUM EN SOLUTION	8	See UN1814	
POTASSIUM HYDROXIDE, SOLID	HYDROXYDE DE POTASSIUM SOLIDE	8	UN1813	
POTASSIUM HYDROXIDE SOLUTION	HYDROXYDE DE POTASSIUM EN SOLUTION	8	UN1814	
Potassium mercuric iodide	Iodure mercurique de potassium	6.1	See UN1643	P
Potassium metal alloys	Potassium, alliages métalliques de,	4.3	See UN1420 See UN 3403	
POTASSIUM METAL ALLOYS, LIQUID	ALLIAGES MÉTALLIQUES DE POTASSIUM, LIQUIDES	4.3	UN1420	
POTASSIUM METAL ALLOYS, SOLID	ALLIAGES MÉTALLIQUES DE POTASSIUM, SOLIDES	4.3	UN3403	
POTASSIUM METAVANADATE	MÉTAVANADATE DE POTASSIUM	6.1	UN2864	
POTASSIUM MONOXIDE	MONOXYDE DE POTASSIUM	8	UN2033	
POTASSIUM NITRATE	NITRATE DE POTASSIUM	5.1	UN1486	
Potassium nitrate and sodium nitrate mixture	Nitrate de potassium et nitrate de sodium en mélange	5.1	See UN1499	
POTASSIUM NITRATE AND SODIUM NITRITE MIXTURE	NITRATE DE POTASSIUM ET NITRITE DE SODIUM EN MÉLANGE	5.1	UN1487	
POTASSIUM NITRITE	NITRITE DE POTASSIUM	5.1	UN1488	
POTASSIUM PERCHLORATE	PERCHLORATE DE POTASSIUM	5.1	UN1489	
POTASSIUM PERMANGANATE	PERMANGANATE DE POTASSIUM	5.1	UN1490	
POTASSIUM PEROXIDE	PEROXYDE DE POTASSIUM	5.1	UN1491	
POTASSIUM PERSULFATE	PERSULFATE DE POTASSIUM	5.1	UN1492	
POTASSIUM PERSULPHATE	PERSULFATE DE POTASSIUM	5.1	UN1492	
POTASSIUM PHOSPHIDE	PHOSPHURE DE POTASSIUM	4.3	UN2012	
Potassium selenate	Séléniate de potassium	6.1	See UN2630	
Potassium selenite	Sélénite de potassium	6.1	See UN2630	
Potassium silicofluoride	Fluosilicate de potassium	6.1	See UN2655	
POTASSIUM SODIUM ALLOYS, LIQUID	ALLIAGES LIQUIDES DE POTASSIUM ET SODIUM	4.3	UN1422	
POTASSIUM SODIUM ALLOYS, SOLID	ALLIAGES DE POTASSIUM ET SODIUM, SOLIDES	4.3	UN3404	
POTASSIUM SULFIDE with less than 30% water of crystallization	SULFURE DE POTASSIUM avec moins de 30 % d'eau de cristallisation	4.2	UN1382	
POTASSIUM SULFIDE, ANHYDROUS	SULFURE DE POTASSIUM ANHYDRE	4.2	UN1382	
POTASSIUM SULFIDE, HYDRATED with not less than 30% water of crystallization	SULFURE DE POTASSIUM HYDRATÉ avec au moins 30 % d'eau de cristallisation	8	UN1847	
POTASSIUM SULPHIDE with less than 30% water of crystallization	SULFURE DE POTASSIUM avec moins de 30 % d'eau de cristallisation	4.2	UN1382	
POTASSIUM SULPHIDE, ANHYDROUS	SULFURE DE POTASSIUM ANHYDRE	4.2	UN1382	
POTASSIUM SULPHIDE, HYDRATED with not less than 30% water of crystallization	SULFURE DE POTASSIUM HYDRATÉ avec au moins 30 % d'eau de cristallisation	8	UN1847	
POTASSIUM SUPEROXIDE	SUPEROXYDE DE POTASSIUM	5.1	UN2466	
Potassium tetracyanomercurate (II)	Tétracyanomercurate de potassium (II)	6.1	See UN1626	
POWDER CAKE, WETTED with not less than 17% alcohol, by mass	GALETTE HUMIDIFIÉE avec au moins 17 % (masse) d'alcool	1.1C	UN0433	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
POWDER CAKE, WETTED with not less than 25% water, by mass	GALETTE HUMIDIFIÉE avec au moins 25 % (masse) d'eau	1.3C	UN0159	
POWDER PASTE, WETTED with not less than 17% alcohol, by mass	GALETTE HUMIDIFIÉE avec au moins 17 % (masse) d'alcool	1.1C	UN0433	
POWDER PASTE, WETTED with not less than 25% water, by mass	GALETTE HUMIDIFIÉE avec au moins 25 % (masse) d'eau	1.3C	UN0159	
POWDER, SMOKELESS	POUDRE SANS FUMÉE	1.1C 1.3C 1.4C	UN0160 UN0161 UN0509	
Power devices, explosive	Pyromécanismes	1.2C 1.3C 1.4C 1.4S	See UN0381 See UN0275 See UN0276 See UN0323	
Primer	Enduits d'apprêt	3 8 3 8	UN1263 UN3066 UN3469 UN3470	
PRIMERS, CAP TYPE	AMORCES À PERCUSSION	1.1B 1.4B 1.4S	UN0377 UN0378 UN0044	
Primers, small arms	Amorces, pour armes de petit calibre	1.4S	See UN0044	
PRIMERS, TUBULAR	AMORCES TUBULAIRES	1.3G 1.4G 1.4S	UN0319 UN0320 UN0376	
PRINTING INK, flammable, with not more than 20% nitrocellulose by mass if the nitrogen content of the nitrocellulose is not more than 12.6% by mass	ENCRES D'IMPRIMERIE, inflammables, contenant au plus 20 % (masse) de nitrocellulose, si la teneur en azote de la nitrocellulose ne dépasse pas 12,6 % (masse)	3	UN1210	
PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound) flammable, with not more than 20% nitrocellulose by mass if the nitrogen content of the nitrocellulose is not more than 12.6% by mass	MATIÈRES APPARENTÉES AUX ENCRES D'IMPRIMERIE (y compris solvants et diluants pour encres d'imprimerie) inflammables, contenant au plus 20 % (masse) de nitrocellulose, si la teneur en azote de la nitrocellulose ne dépasse pas 12,6 % (masse)	3	UN1210	
Projectiles, illuminating	Projectiles éclairants	1.2G 1.3G 1.4G	See UN0171 See UN0254 See UN0297	
PROJECTILES, inert with tracer	PROJECTILES inertes avec traceur	1.3G 1.4G 1.4S	UN0424 UN0425 UN0345	
PROJECTILES with burster or expelling charge	PROJECTILES avec charge de dispersion ou charge d'expulsion	1.2D 1.2F 1.2G 1.4D 1.4F 1.4G	UN0346 UN0426 UN0434 UN0347 UN0427 UN0435	
PROJECTILES with bursting charge	PROJECTILES avec charge d'éclatement	1.1D 1.1F 1.2D 1.2F 1.4D	UN0168 UN0167 UN0169 UN0324 UN0344	
Promecarb (see CARBAMATE PECTICIDE)	Promécarbe (voir CARBAMATE PECTICIDE)			P
Propachlor	Propachlore		See Note 1	P
PROPADIENE, STABILIZED	PROPADIÈNE STABILISÉ	2.1	UN2200	
Propadiene and methyl acetate mixture, stabilized	Propadiène et méthylacrylate en mélange stabilisé	2.1	See UN1060	
PROPANE	PROPANE	2.1	UN1978	
PROPANETHIOLS	PROPANETHIOLS	3	UN2402	
<i>n</i> -PROPANOL	<i>n</i> -PROPANOL	3	UN1274	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
Propaphos (see ORGANOPHOSPHORUS PESTICIDE)	Propaphos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
PROPELLANT, LIQUID	PROPERGOL LIQUIDE	1.1C 1.3C	UN0497 UN0495	
PROPELLANT, SOLID	PROPERGOL SOLIDE	1.1C 1.3C 1.4C	UN0498 UN0499 UN0501	
Propellants	Propergols	1.1C 1.3C	See UN0160 See UN0161	
Propellant with a single base, double base or triple base	Poudres propulsives à simple base, double base ou triple base	1.1C 1.3C	See UN0160 See UN0161	
Propenal, stabilized	Propénal stabilisé	6.1	See UN1092	P
Propene	Propène	2.1	See UN1077	
Propenoic acid, stabilized	Acide propénoïque stabilisé	8	See UN2218	P
Propenyl alcohol	Alcool propénylique; ou Propène-2 ol-1	6.1	See UN1098	P
PROPIONALDEHYDE	ALDÉHYDE PROPIONIQUE	3	UN1275	
PROPIONIC ACID with not less than 10% and less than 90% acid by mass	ACIDE PROPIONIQUE contenant au moins 10 % mais moins de 90 % (masse) d'acide	8	UN1848	
PROPIONIC ACID with not less than 90% acid by mass	ACIDE PROPIONIQUE contenant au moins 90 % (masse) d'acide	8	UN3463	
PROPIONIC ANHYDRIDE	ANHYDRIDE PROPIONIQUE	8	UN2496	
PROPIONITRILE	PROPIONITRILE	3	UN2404	
PROPIONYL CHLORIDE	CHLORURE DE PROPIONYLE	3	UN1815	
Propoxur (see CARBAMATE PESTICIDE)	Propoxur (voir CARBAMATE PESTICIDE)			P
<i>n</i> -PROPYL ACETATE	ACÉTATE DE <i>n</i> -PROPYLE	3	UN1276	
PROPYL ALCOHOL, NORMAL	ALCOOL PROPYLIQUE NORMAL	3	UN1274	
PROPYLAMINE	PROPYLAMINE	3	UN1277	
<i>n</i> -PROPYLBENZENE	<i>n</i> -PROPYLBENZÈNE	3	UN2364	
Propyl chloride	Chlorure de propyle	3	See UN1278	
<i>n</i> -PROPYL CHLOROFORMATE	CHLOROFORMIATE DE <i>n</i> -PROPYLE	6.1	UN2740	
PROPYLENE	PROPYLÈNE	2.1	UN1077	
PROPYLENE CHLOROHYDRIN	CHLORO-1 PROPANOL-2	6.1	UN2611	
1,2-PROPYLENEDIAMINE	PROPYLÈNE-1,2 DIAMINE	8	UN2258	
Propylene dichloride	Dichlorure de propylène	3	See UN1279	
PROPYLENEIMINE, STABILIZED	PROPYLÈNEIMINE STABILISÉE	3	UN1921	
PROPYLENE OXIDE	OXYDE DE PROPYLÈNE	3	UN1280	
PROPYLENE TETRAMER	TÉTRAPROPYLÈNE	3	UN2850	P
Propylene trimer	Propylène trimère	3	See UN2057	
PROPYL FORMATES	FORMIATES DE PROPYLE	3	UN1281	
<i>n</i> -PROPYL ISOCYANATE	ISOCYANATE DE <i>n</i> -PROPYLE	6.1	UN2482	
Propyl mercaptan	Mercaptan propylique	3	See UN2402	
<i>n</i> -PROPYL NITRATE	NITRATE DE <i>n</i> -PROPYLE	3	UN1865	
PROPYLTTRICHLOROSILANE	PROPYLTTRICHLOROSILANE	8	UN1816	
Prothoate (see ORGANOPHOSPHORUS PESTICIDE)	Prothoate (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Prussic acid, anhydrous, stabilized, containing less than 3% water	Acide prussique anhydre, stabilisé, avec moins de 3 % d'eau	6.1	See UN1051	P
Prussic acid, anhydrous, stabilized, containing less than 3% water and absorbed in a porous inert material	Acide prussique anhydre, stabilisé, avec moins de 3 % d'eau et absorbé dans un matériau inerte poreux	6.1	See UN1614	P
Prussic acid, aqueous solution	Acide prussique, en solution aqueuse	6.1	See UN1613	P
Prussic acid, aqueous solution with not more than 20% hydrogen cyanide	Acide prussique, en solution aqueuse, contenant au plus 20 % de cyanure d'hydrogène	6.1	See UN1613	P

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Pyrazine hexahydride	Hexahydropyrazine	8	See UN2579	
Pyrazophos (see ORGANOPHOSPHORUS PESTICIDE)	Pyrazophos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	PYRÉTHROÏDE PESTICIDE LIQUIDE, INFLAMMABLE, TOXIQUE, ayant un point d'éclair inférieur à 23 °C	3	UN3350	
PYRETHROID PESTICIDE, LIQUID, TOXIC	PYRÉTHROÏDE PESTICIDE LIQUIDE, TOXIQUE	6.1	UN3352	
PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	PYRÉTHROÏDE PESTICIDE LIQUIDE, TOXIQUE, INFLAMMABLE, ayant un point d'éclair égal ou inférieur à 23 °C	6.1	UN3351	
PYRETHROID PESTICIDE, SOLID, TOXIC	PYRÉTHROÏDE PESTICIDE SOLIDE, TOXIQUE	6.1	UN3349	
PYRIDINE	PYRIDINE	3	UN1282	
PYRIDINE PERCHLORATE	PERCHLORATE DE PYRIDINE	Forbidden		
PYROPHORIC ALLOY, N.O.S.	ALLIAGE PYROPHORIQUE, N.S.A.	4.2	UN1383	
PYROPHORIC LIQUID, INORGANIC, N.O.S.	LIQUIDE INORGANIQUE PYROPHORIQUE, N.S.A.	4.2	UN3194	
PYROPHORIC LIQUID, ORGANIC, N.O.S.	LIQUIDE ORGANIQUE PYROPHORIQUE, N.S.A.	4.2	UN2845	
PYROPHORIC METAL, N.O.S.	MÉTAL PYROPHORIQUE, N.S.A.	4.2	UN1383	
PYROPHORIC SOLID, INORGANIC, N.O.S.	SOLIDE INORGANIQUE PYROPHORIQUE, N.S.A.	4.2	UN3200	
PYROPHORIC SOLID, ORGANIC, N.O.S.	SOLIDE ORGANIQUE PYROPHORIQUE, N.S.A.	4.2	UN2846	
PYROSULFURYL CHLORIDE	CHLORURE DE PYROSULFURYLE	8	UN1817	
PYROSULPHURYL CHLORIDE	CHLORURE DE PYROSULFURYLE	8	UN1817	
Pyroxylin solution	Pyroxylene en solution	3	See UN2059	
PYRROLIDINE	PYRROLIDINE	3	UN1922	
QUEBRACHITOL PENTANITRATE	PENTANITRATE DE QUÉBRACHITOL	Forbidden		
Quinalphos (see ORGANOPHOSPHORUS PESTICIDE)	Quinalphos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
QUINOLINE	QUINOLÉINE	6.1	UN2656	
Quinone	Quinone ordinaire	6.1	See UN2587	
Quizalofop	Quizalofop		See Note 1	P
Quizalofop- <i>p</i> -ethyl	Quizalofop- <i>p</i> -éthyle		See Note 1	P
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - ARTICLES	MATIÈRES RADIOACTIVES, OBJETS EN COLIS EXCEPTÉ	7	UN2911	
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - ARTICLES MANUFACTURED FROM DEPLETED URANIUM	MATIÈRES RADIOACTIVES, OBJETS MANUFACTURÉS EN URANIUM APPAUVRÉ, EN COLIS EXCEPTÉ	7	UN2909	
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - ARTICLES MANUFACTURED FROM NATURAL THORIUM	MATIÈRES RADIOACTIVES, OBJETS MANUFACTURÉS EN THORIUM NATUREL, EN COLIS EXCEPTÉ	7	UN2909	
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - ARTICLES MANUFACTURED FROM NATURAL URANIUM	MATIÈRES RADIOACTIVES, OBJETS MANUFACTURÉS EN URANIUM NATUREL, EN COLIS EXCEPTÉ	7	UN2909	
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - EMPTY PACKAGING	MATIÈRES RADIOACTIVES, EMBALLAGES VIDES COMME COLIS EXCEPTÉS	7	UN2908	
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - INSTRUMENTS	MATIÈRES RADIOACTIVES, APPAREILS EN COLIS EXCEPTÉ	7	UN2911	
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - LIMITED QUANTITY OF MATERIAL	MATIÈRES RADIOACTIVES, QUANTITÉS LIMITÉES EN COLIS EXCEPTÉ	7	UN2910	
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), non-fissile or fissile excepted	MATIÈRES RADIOACTIVES DE FAIBLE ACTIVITÉ SPÉCIFIQUE (FAS-I) non fissiles ou fissiles exceptées	7	UN2912	
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE	MATIÈRES RADIOACTIVES DE FAIBLE ACTIVITÉ SPÉCIFIQUE (FAS-II), FISSILES	7	UN3324	
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), non-fissile or fissile excepted	MATIÈRES RADIOACTIVES DE FAIBLE ACTIVITÉ SPÉCIFIQUE (FAS-II), non fissiles ou fissiles exceptées	7	UN3321	
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, (LSA-III), FISSILE	MATIÈRES RADIOACTIVES DE FAIBLE ACTIVITÉ SPÉCIFIQUE (FAS-III), FISSILES	7	UN3325	
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), non-fissile or fissile excepted	MATIÈRES RADIOACTIVES DE FAIBLE ACTIVITÉ SPÉCIFIQUE (FAS-III), non fissiles ou fissiles exceptées	7	UN3322	

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RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I), FISSILE	MATIÈRES RADIOACTIVES, OBJETS CONTAMINÉS SUPERFICIELLEMENT (OCS-I), FISSILES	7	UN3326	
RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I), non-fissile or fissile excepted	MATIÈRES RADIOACTIVES, OBJETS CONTAMINÉS SUPERFICIELLEMENT (OCS-I), non fissiles ou fissiles exceptées	7	UN2913	
RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), FISSILE	MATIÈRES RADIOACTIVES, OBJETS CONTAMINÉS SUPERFICIELLEMENT (OCS-II), FISSILES	7	UN3326	
RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), non-fissile or fissile excepted	MATIÈRES RADIOACTIVES, OBJETS CONTAMINÉS SUPERFICIELLEMENT (OCS-II), non fissiles ou fissiles exceptées	7	UN2913	
RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE	MATIÈRES RADIOACTIVES TRANSPORTÉES SOUS ARRANGEMENT SPÉCIAL, FISSILES	7	UN3331	
RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, non-fissile or fissile excepted	MATIÈRES RADIOACTIVES TRANSPORTÉES SOUS ARRANGEMENT SPÉCIAL, non fissiles ou fissiles exceptées	7	UN2919	
RADIOACTIVE MATERIAL, TYPE A PACKAGE, FISSILE, non-special form	MATIÈRES RADIOACTIVES EN COLIS DE TYPE A, FISSILES, qui ne sont pas sous forme spéciale	7	UN3327	
RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non-fissile or fissile excepted	MATIÈRES RADIOACTIVES EN COLIS DE TYPE A, qui ne sont pas sous forme spéciale, non fissiles ou fissiles exceptées	7	UN2915	
RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE	MATIÈRES RADIOACTIVES EN COLIS DE TYPE A SOUS FORME SPÉCIALE, FISSILES	7	UN3333	
RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, non-fissile or fissile excepted	MATIÈRES RADIOACTIVES EN COLIS DE TYPE A SOUS FORME SPÉCIALE, non fissiles ou fissiles exceptées	7	UN3332	
RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, FISSILE	MATIÈRES RADIOACTIVES EN COLIS DE TYPE B(M), FISSILES	7	UN3329	
RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, non-fissile or fissile excepted	MATIÈRES RADIOACTIVES EN COLIS DE TYPE B(M), non fissiles ou fissiles exceptées	7	UN2917	
RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, FISSILE	MATIÈRES RADIOACTIVES EN COLIS DE TYPE B(U), FISSILES	7	UN3328	
RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, non-fissile or fissile excepted	MATIÈRES RADIOACTIVES EN COLIS DE TYPE B(U), non fissiles ou fissiles exceptées	7	UN2916	
RADIOACTIVE MATERIAL, TYPE C PACKAGE, FISSILE	MATIÈRES RADIOACTIVES EN COLIS DE TYPE C, FISSILES	7	UN3330	
RADIOACTIVE MATERIAL, TYPE C PACKAGE, non-fissile or fissile excepted	MATIÈRES RADIOACTIVES EN COLIS DE TYPE C, non fissiles ou fissiles exceptées	7	UN3323	
RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, FISSILE	MATIÈRES RADIOACTIVES, HEXAFLUORURE D'URANIUM, FISSILES	7	UN2977	
RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, non-fissile or fissile excepted	MATIÈRES RADIOACTIVES, HEXAFLUORURE D'URANIUM, non fissiles ou fissiles exceptées	7	UN2978	
RAGS, OILY, regulated only when transported by ship	CHIFFONS HUILEUX, réglementés seulement lorsque transportés par navire	4.2	UN1856	
RDX, DESENSITIZED	RDX DÉSENSIBILISÉ	1.1D	UN0483	
RDX, WETTED with not less than 15% water, by mass	RDX, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0072	
RDX AND CYCLOTETRAMETHYLENETETRANITRAMINE MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	RDX EN MÉLANGE AVEC DE LA CYCLOTÉRAMÉTHYLÉNETÉTRANITRAMINE, DÉSENSIBILISÉ avec au moins 10 % (masse) de flegmatiseur	1.1D	UN0391	
RDX AND CYCLOTETRAMETHYLENETETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass	RDX EN MÉLANGE AVEC DE LA CYCLOTÉRAMÉTHYLÉNETÉTRANITRAMINE, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0391	
RDX AND HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	RDX EN MÉLANGE AVEC DU HMX, DÉSENSIBILISÉ avec au moins 10 % (masse) de flegmatiseur	1.1D	UN0391	
RDX AND HMX MIXTURE, WETTED with not less than 15% water, by mass	RDX EN MÉLANGE AVEC DU HMX, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0391	
RDX AND OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	RDX EN MÉLANGE AVEC DE L'OCTOGÈNE, DÉSENSIBILISÉ avec au moins 10 % (masse) de flegmatiseur	1.1D	UN0391	

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RDX AND OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass	RDX EN MÉLANGE AVEC DE L'OCTOGÈNE, HUMIDIFIÉ avec au moins 15 % (masse) d'eau	1.1D	UN0391	
RECEPTACLES, SMALL, CONTAINING GAS without a release device, non-refillable	RÉCIPIENTS DE FAIBLE CAPACITÉ, CONTENANT DU GAZ sans dispositif de détente, non rechargeables	2.1 2.2	UN2037 UN2037	
Red phosphorus	Phosphore rouge	4.1	See UN1338	
REFRIGERANT GAS, N.O.S.	GAZ FRIGORIFIQUE, N.S.A. OU GAZ RÉFRIGÉRANT, N.S.A.	2.2	UN1078	
REFRIGERANT GAS R 12	GAZ RÉFRIGÉRANT R 12	2.2	UN1028	
REFRIGERANT GAS R 12B1	GAZ RÉFRIGÉRANT R 12B1	2.2	UN1974	
REFRIGERANT GAS R 13	GAZ RÉFRIGÉRANT R 13	2.2	UN1022	
REFRIGERANT GAS R 13B1	GAZ RÉFRIGÉRANT R 13B1	2.2	UN1009	
REFRIGERANT GAS R 14	GAZ RÉFRIGÉRANT R 14	2.2	UN1982	
REFRIGERANT GAS R 21	GAZ RÉFRIGÉRANT R 21	2.2	UN1029	
REFRIGERANT GAS R 22	GAZ RÉFRIGÉRANT R 22	2.2	UN1018	
REFRIGERANT GAS R 23	GAZ RÉFRIGÉRANT R 23	2.2	UN1984	
REFRIGERANT GAS R 32	GAZ RÉFRIGÉRANT R 32	2.1	UN3252	
REFRIGERANT GAS R 40	GAZ RÉFRIGÉRANT R 40	2.1	UN1063	
REFRIGERANT GAS R 41	GAZ RÉFRIGÉRANT R 41	2.1	UN2454	
REFRIGERANT GAS R 114	GAZ RÉFRIGÉRANT R 114	2.2	UN1958	
REFRIGERANT GAS R 115	GAZ RÉFRIGÉRANT R 115	2.2	UN1020	
REFRIGERANT GAS R 116	GAZ RÉFRIGÉRANT R 116	2.2	UN2193	
REFRIGERANT GAS R 124	GAZ RÉFRIGÉRANT R 124	2.2	UN1021	
REFRIGERANT GAS R 125	GAZ RÉFRIGÉRANT R 125	2.2	UN3220	
REFRIGERANT GAS R 133a	GAZ RÉFRIGÉRANT R 133a	2.2	UN1983	
REFRIGERANT GAS R 134a	GAZ RÉFRIGÉRANT R 134a	2.2	UN3159	
REFRIGERANT GAS R 142b	GAZ RÉFRIGÉRANT R 142b	2.1	UN2517	
REFRIGERANT GAS R 143a	GAZ RÉFRIGÉRANT R 143a	2.1	UN2035	
REFRIGERANT GAS R 152a	GAZ RÉFRIGÉRANT R 152a	2.1	UN1030	
REFRIGERANT GAS R 161	GAZ RÉFRIGÉRANT R 161	2.1	UN2453	
REFRIGERANT GAS R 218	GAZ RÉFRIGÉRANT R 218	2.2	UN2424	
REFRIGERANT GAS R 227	GAZ RÉFRIGÉRANT R 227	2.2	UN3296	
REFRIGERANT GAS R 404A	GAZ RÉFRIGÉRANT R 404A	2.2	UN3337	
REFRIGERANT GAS R 407A	GAZ RÉFRIGÉRANT R 407A	2.2	UN3338	
REFRIGERANT GAS R 407B	GAZ RÉFRIGÉRANT R 407B	2.2	UN3339	
REFRIGERANT GAS R 407C	GAZ RÉFRIGÉRANT R 407C	2.2	UN3340	
REFRIGERANT GAS R 500	GAZ RÉFRIGÉRANT R 500	2.2	UN2602	
REFRIGERANT GAS R 502	GAZ RÉFRIGÉRANT R 502	2.2	UN1973	
REFRIGERANT GAS R 503	GAZ RÉFRIGÉRANT R 503	2.2	UN2599	
REFRIGERANT GAS R 1113	GAZ RÉFRIGÉRANT R 1113	2.3	UN1082	
REFRIGERANT GAS R 1132a	GAZ RÉFRIGÉRANT R 1132a	2.1	UN1959	
REFRIGERANT GAS R 1216	GAZ RÉFRIGÉRANT R 1216	2.2	UN1858	
REFRIGERANT GAS R 1318	GAZ RÉFRIGÉRANT R 1318	2.2	UN2422	
REFRIGERANT GAS RC 318	GAZ RÉFRIGÉRANT RC 318	2.2	UN1976	
REFRIGERATING MACHINES containing flammable, non-toxic, liquefied gas	MACHINES FRIGORIFIQUES contenant un gaz liquéfié inflammable et non toxique	2.1	UN3358	
REFRIGERATING MACHINES containing non-flammable, non-toxic, gases or ammonia solutions (UN2672)	MACHINES FRIGORIFIQUES contenant des gaz non inflammables et non toxiques ou une solution d'ammoniac (UN2672)	2.2	UN2857	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
REGULATED MEDICAL WASTE, N.O.S.	DÉCHET MÉDICAL RÉGLEMENTÉ, N.S.A.	6.2	UN3291	
RELEASE DEVICES, EXPLOSIVE	ATTACHES PYROTECHNIQUES EXPLOSIVES	1.4S	UN0173	
RESIN SOLUTION, flammable	RÉSINE EN SOLUTION, inflammable	3	UN1866	
Resorcin	Résorcine	6.1	See UN2876	
RESORCINOL	RÉSORCINOL	6.1	UN2876	
RIVETS, EXPLOSIVE	RIVETS EXPLOSIFS	1.4S	UN0174	
Rockets	Fusées spatiales	1.1E 1.1F 1.1J 1.2C 1.2E 1.2F 1.2J 1.3C 1.3C 1.4C	See UN0181 See UN0180 See UN0397 See UN0436 See UN0182 See UN0295 See UN0398 See UN0183 See UN0437 See UN0438	
ROCKETS with bursting charge	ENGINS AUTOPROPULSÉS avec charge d'éclatement	1.1E 1.1F 1.2E 1.2F	UN0181 UN0180 UN0182 UN0295	
ROCKETS with expelling charge	ENGINS AUTOPROPULSÉS avec charge d'expulsion	1.2C 1.3C 1.4C	UN0436 UN0437 UN0438	
ROCKETS with inert head	ENGINS AUTOPROPULSÉS à tête inerte	1.2C 1.3C	UN0502 UN0183	
ROCKETS, LINE-THROWING	ROQUETTES LANCE-AMARRES	1.2G 1.3G 1.4G	UN0238 UN0240 UN0453	
ROCKETS, LIQUID FUELLED with bursting charge	ENGINS AUTOPROPULSÉS À PROPERGOL LIQUIDE avec charge d'éclatement	1.1J 1.2J	UN0397 UN0398	
ROCKET MOTORS	PROPULSEURS	1.1C 1.2C 1.3C 1.4C	UN0280 UN0281 UN0186 UN0510	
ROCKET MOTORS, LIQUID FUELLED	PROPULSEURS À PROPERGOL LIQUIDE	1.2J 1.3J	UN0395 UN0396	
ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	PROPULSEURS CONTENANT DES LIQUIDES HYPERGOLIQUES avec ou sans charge d'expulsion	1.2L 1.3L	UN0322 UN0250	
ROSIN OIL	HUILE DE COLOPHANE	3	UN1286	
Rotenone (see PESTICIDE, N.O.S.)	Roténone (voir PESTICIDE, N.S.A.)			P
RUBBER SCRAP powdered or granulated, not exceeding 840 microns and rubber content exceeding 45%	DÉCHETS DE CAOUTCHOUC, sous forme de poudre ou de grains, dont l'indice granulométrique ne dépasse pas 840 microns et avec une teneur en caoutchouc supérieure à 45 %	4.1	UN1345	
RUBBER SHODDY powdered or granulated, not exceeding 840 microns and rubber content exceeding 45%	CHUTES DE CAOUTCHOUC, sous forme de poudre ou de grains, dont l'indice granulométrique ne dépasse pas 840 microns et avec une teneur en caoutchouc supérieure à 45 %	4.1	UN1345	
RUBBER SOLUTION	DISSOLUTION DE CAOUTCHOUC	3	UN1287	
RUBIDIUM	RUBIDIUM	4.3	UN1423	
RUBIDIUM HYDROXIDE	HYDROXYDE DE RUBIDIUM	8	UN2678	
RUBIDIUM HYDROXIDE SOLUTION	HYDROXYDE DE RUBIDIUM EN SOLUTION	8	UN2677	
Rubidium nitrate	Nitrate de rubidium	5.1	See UN1477	
SAFETY DEVICES, electrically initiated	DISPOSITIFS PYROTECHNIQUES à amorçage électrique	9	UN3268	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
SAFETY DEVICES, PYROTECHNIC	DISPOSITIFS PYROTECHNIQUES DE SÉCURITÉ	1.4G	UN0503	
Salithion (see ORGANOPHOSPHORUS PESTICIDE)	Salithion (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Saltpetre	Salpêtre	5.1	See UN1486	
SAMPLES, EXPLOSIVE, other than initiating explosive	ÉCHANTILLONS D'EXPLOSIFS, autres que des explosifs d'amorçage		UN0190	
Sand acid	ACIDE FLUOROSILICIQUE	8	See UN1778	
Seat-belt pretensioners	Rétracteurs de ceinture de sécurité	1.4G 9	See UN0503 See UN3268	
SEED CAKE with more than 1.5% oil and not more than 11% moisture	TOURTEAUX contenant plus de 1,5 % d'huile et ayant 11 % d'humidité au maximum	4.2	UN1386	
SEED CAKE with not more than 1.5% oil and not more than 11% moisture	TOURTEAUX contenant au plus 1,5 % d'huile et ayant 11 % d'humidité au maximum	4.2	UN2217	
Seed expellers	TOURTEAUX	4.2	See UN1386 See UN2217	
SELENATES	SÉLÉNIATES	6.1	UN2630	
SELENIC ACID	ACIDE SÉLÉNIQUE	8	UN1905	
SELENITES	SÉLÉNITES	6.1	UN2630	
SELENIUM COMPOUND, SOLID, N.O.S.	COMPOSÉ DU SÉLÉNIUM, SOLIDE, N.S.A.	6.1	UN3283	
SELENIUM COMPOUND, LIQUID, N.O.S.	COMPOSÉ DU SÉLÉNIUM, LIQUIDE, N.S.A.	6.1	UN3440	
SELENIUM DISULFIDE	DISULFURE DE SÉLÉNIUM	6.1	UN2657	
SELENIUM DISULPHIDE	DISULFURE DE SÉLÉNIUM	6.1	UN2657	
SELENIUM HEXAFLUORIDE	HEXAFLUORURE DE SÉLÉNIUM	2.3	UN2194	
SELENIUM NITRIDE	NITRURE DE SÉLÉNIUM	Forbidden		
SELENIUM OXYCHLORIDE	OXYCHLORURE DE SÉLÉNIUM	8	UN2879	
SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.	LIQUIDE INORGANIQUE AUTO-ÉCHAUFFANT, CORROSIF, N.S.A.	4.2	UN3188	
SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.	LIQUIDE ORGANIQUE AUTO-ÉCHAUFFANT, CORROSIF, N.S.A.	4.2	UN3185	
SELF-HEATING LIQUID, INORGANIC, N.O.S.	LIQUIDE INORGANIQUE AUTO-ÉCHAUFFANT, N.S.A.	4.2	UN3186	
SELF-HEATING LIQUID, ORGANIC, N.O.S.	LIQUIDE ORGANIQUE AUTO-ÉCHAUFFANT, N.S.A.	4.2	UN3183	
SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.	LIQUIDE INORGANIQUE AUTO-ÉCHAUFFANT, TOXIQUE, N.S.A.	4.2	UN3187	
SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.	LIQUIDE ORGANIQUE AUTO-ÉCHAUFFANT, TOXIQUE, N.S.A.	4.2	UN3184	
SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.	SOLIDE INORGANIQUE AUTO-ÉCHAUFFANT, CORROSIF, N.S.A.	4.2	UN3192	
SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.	SOLIDE ORGANIQUE AUTO-ÉCHAUFFANT, CORROSIF, N.S.A.	4.2	UN3126	
SELF-HEATING SOLID, INORGANIC, N.O.S.	SOLIDE INORGANIQUE AUTO-ÉCHAUFFANT, N.S.A.	4.2	UN3190	
SELF-HEATING SOLID, ORGANIC, N.O.S.	SOLIDE ORGANIQUE AUTO-ÉCHAUFFANT, N.S.A.	4.2	UN3088	
SELF-HEATING SOLID, OXIDIZING, N.O.S.	SOLIDE AUTO-ÉCHAUFFANT, COMBURANT, N.S.A.	Forbidden	UN3127	
SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.	SOLIDE INORGANIQUE AUTO-ÉCHAUFFANT, TOXIQUE, N.S.A.	4.2	UN3191	
SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	SOLIDE ORGANIQUE AUTO-ÉCHAUFFANT, TOXIQUE, N.S.A.	4.2	UN3128	
SELF-REACTIVE LIQUID TYPE B	LIQUIDE AUTORÉACTIF DU TYPE B	4.1	UN3221	
SELF-REACTIVE LIQUID TYPE B, TEMPERATURE CONTROLLED	LIQUIDE AUTORÉACTIF DU TYPE B, AVEC RÉGULATION DE TEMPÉRATURE	4.1	UN3231	
SELF-REACTIVE LIQUID TYPE C	LIQUIDE AUTORÉACTIF DU TYPE C	4.1	UN3223	
SELF-REACTIVE LIQUID TYPE C, TEMPERATURE CONTROLLED	LIQUIDE AUTORÉACTIF DU TYPE C, AVEC RÉGULATION DE TEMPÉRATURE	4.1	UN3233	
SELF-REACTIVE LIQUID TYPE D	LIQUIDE AUTORÉACTIF DU TYPE D	4.1	UN3225	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
SELF-REACTIVE LIQUID TYPE D, TEMPERATURE CONTROLLED	LIQUIDE AUTORÉACTIF DU TYPE D, AVEC RÉGULATION DE TEMPÉRATURE	4.1	UN3235	
SELF-REACTIVE LIQUID TYPE E	LIQUIDE AUTORÉACTIF DU TYPE E	4.1	UN3227	
SELF-REACTIVE LIQUID TYPE E, TEMPERATURE CONTROLLED	LIQUIDE AUTORÉACTIF DU TYPE E, AVEC RÉGULATION DE TEMPÉRATURE	4.1	UN3237	
SELF-REACTIVE LIQUID TYPE F	LIQUIDE AUTORÉACTIF DU TYPE F	4.1	UN3229	
SELF-REACTIVE LIQUID TYPE F, TEMPERATURE CONTROLLED	LIQUIDE AUTORÉACTIF DU TYPE F, AVEC RÉGULATION DE TEMPÉRATURE	4.1	UN3239	
SELF-REACTIVE SOLID TYPE B	SOLIDE AUTORÉACTIF DU TYPE B	4.1	UN3222	
SELF-REACTIVE SOLID TYPE B, TEMPERATURE CONTROLLED	SOLIDE AUTORÉACTIF DU TYPE B, AVEC RÉGULATION DE TEMPÉRATURE	4.1	UN3232	
SELF-REACTIVE SOLID TYPE C	SOLIDE AUTORÉACTIF DU TYPE C	4.1	UN3224	
SELF-REACTIVE SOLID TYPE C, TEMPERATURE CONTROLLED	SOLIDE AUTORÉACTIF DU TYPE C, AVEC RÉGULATION DE TEMPÉRATURE	4.1	UN3234	
SELF-REACTIVE SOLID TYPE D	SOLIDE AUTORÉACTIF DU TYPE D	4.1	UN3226	
SELF-REACTIVE SOLID TYPE D, TEMPERATURE CONTROLLED	SOLIDE AUTORÉACTIF DU TYPE D, AVEC RÉGULATION DE TEMPÉRATURE	4.1	UN3236	
SELF-REACTIVE SOLID TYPE E	SOLIDE AUTORÉACTIF DU TYPE E	4.1	UN3228	
SELF-REACTIVE SOLID TYPE E, TEMPERATURE CONTROLLED	SOLIDE AUTORÉACTIF DU TYPE E, AVEC RÉGULATION DE TEMPÉRATURE	4.1	UN3238	
SELF-REACTIVE SOLID TYPE F	SOLIDE AUTORÉACTIF DU TYPE F	4.1	UN3230	
SELF-REACTIVE SOLID TYPE F, TEMPERATURE CONTROLLED	SOLIDE AUTORÉACTIF DU TYPE F, AVEC RÉGULATION DE TEMPÉRATURE	4.1	UN3240	
SHALE OIL	HUILE DE SCHISTE	3	UN1288	
Shaped charges	Charges formées	1.1D 1.2D 1.4D 1.4S	See UN0059 See UN0439 See UN0440 See UN0441	
Shellacs	Shellacs	3 8	See UN1263 See UN3066	
SIGNAL DEVICES, HAND	ARTIFICES DE SIGNALISATION À MAIN	1.4G 1.4S	UN0191 UN0373	
SIGNALS, DISTRESS, ship	SIGNAUX DE DÉTRESSE de navires	1.1G 1.3G 1.4G 1.4S	UN0194 UN0195 UN0505 UN0506	
Signals, distress, ship, water-activated	Signaux de détresse de navires (hydroactifs)	1.2L 1.3L	See UN0248 See UN0249	
SIGNALS, RAILWAY TRACK, EXPLOSIVE	PÉTARDS DE CHEMIN DE FER	1.1G 1.3G 1.4G 1.4S	UN0192 UN0492 UN0493 UN0193	
SIGNALS, SMOKE	SIGNAUX FUMIGÈNES	1.1G 1.2G 1.3G 1.4G 1.4S	UN0196 UN0313 UN0487 UN0197 UN0507	
Silafluofen	Silafluofen		See Note 1	P
SILANE	SILANE	2.1	UN2203	
Silicochloroform	Silicochloroforme	4.3	See UN1295	
Silicofluoric acid	ACIDE FLUOROSILICIQUE	8	See UN1778	
Silicofluorides, n.o.s.	Fluosilicates, n.s.a.	6.1	See UN2856	
Silicon chloride	Chlorure de silicium	8	See UN1818	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
SILICON POWDER, AMORPHOUS	SILICIUM EN POUDRE AMORPHE	4.1	UN1346	
SILICON TETRACHLORIDE	TÉTRACHLORURE DE SILICIUM	8	UN1818	
SILICON TETRAFLUORIDE	TÉTRAFLUORURE DE SILICIUM	2.3	UN1859	
SILICON TETRAFLUORIDE, ADSORBED	TÉTRAFLUORURE DE SILICIUM ADSORBÉ	2.3	UN3521	
SILVER ACETYLIDE (DRY)	ACÉTYLURE D'ARGENT (SEC)	Forbidden		
SILVER ARSENITE	ARSÉNITE D'ARGENT	6.1	UN1683	P
SILVER AZIDE (DRY)	AZOTURE D'ARGENT (SEC)	Forbidden		
SILVER CHLORITE (DRY)	CHLORITE D'ARGENT (SEC)	Forbidden		
SILVER CYANIDE	CYANURE D'ARGENT	6.1	UN1684	P
SILVER FULMINATE (DRY)	FULMINATE D'ARGENT (SEC)	Forbidden		
SILVER NITRATE	NITRATE D'ARGENT	5.1	UN1493	
Silver orthoarsenite	Orthoarsénite d'argent	6.1	See UN1683	P
SILVER OXALATE (DRY)	OXALATE D'ARGENT (SEC)	Forbidden		
SILVER PICRATE (DRY)	PICRATE D'ARGENT (SEC)	Forbidden		
SILVER PICRATE, WETTED with not less than 30% water, by mass	PICRATE D'ARGENT HUMIDIFIÉ avec au moins 30 % (masse) d'eau	4.1	UN1347	
SLUDGE ACID	ACIDE RÉSIDUAIRE DE RAFFINAGE	8	UN1906	
Smokeless powder, cast or compressed	Poudre sans fumée coulée ou comprimée	1.1C 1.1C 1.2C 1.2C 1.3C 1.3C	See UN0271 See UN0279 See UN0414 See UN0415 See UN0242 See UN0272	
SODA LIME with more than 4% sodium hydroxide	CHAUX SODÉE contenant plus de 4 % d'hydroxyde de sodium	8	UN1907	
SODIUM	SODIUM	4.3	UN1428	
SODIUM ALUMINATE, SOLID, regulated only when transported by aircraft	ALUMINATE DE SODIUM SOLIDE, réglementé seulement lorsqu'il est transporté par aéronef	8	UN2812	
SODIUM ALUMINATE SOLUTION	ALUMINATE DE SODIUM EN SOLUTION	8	UN1819	
SODIUM ALUMINIUM HYDRIDE	HYDRURE DE SODIUM-ALUMINIUM	4.3	UN2835	
SODIUM AMMONIUM VANADATE	VANADATE DOUBLE D'AMMONIUM ET DE SODIUM	6.1	UN2863	
SODIUM ARSANILATE	ARسانilate DE SODIUM	6.1	UN2473	
SODIUM ARSENATE	ARSÉNATE DE SODIUM	6.1	UN1685	
SODIUM ARSENITE, AQUEOUS SOLUTION	ARSÉNITE DE SODIUM EN SOLUTION AQUEUSE	6.1	UN1686	
SODIUM ARSENITE, SOLID	ARSÉNITE DE SODIUM SOLIDE	6.1	UN2027	
SODIUM AZIDE	AZOTURE DE SODIUM	6.1	UN1687	
Sodium bifluoride	Bifluorure de sodium	8	See UN2439	
Sodium bioxide	Dioxyde de sodium	5.1	See UN1504	
Sodium bisulfite solution	Bisulfite de sodium en solution	8	See UN2693	
Sodium bisulphite solution	Bisulfite de sodium en solution	8	See UN2693	
SODIUM BOROHYDRIDE	BOROHYDRURE DE SODIUM	4.3	UN1426	
SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION, with not more than 12% sodium borohydride and not more than 40% sodium hydroxide, by mass	BOROHYDRURE DE SODIUM ET HYDROXYDE DE SODIUM EN SOLUTION, contenant au plus 12 % (masse) de borohydrure de sodium et au plus 40 % (masse) d'hydroxyde de sodium	8	UN3320	
SODIUM BROMATE	BROMATE DE SODIUM	5.1	UN1494	
SODIUM CACODYLATE	CACODYLATE DE SODIUM	6.1	UN1688	
SODIUM CARBONATE PEROXYHYDRATE	CARBONATE DE SODIUM PEROXYHYDRATÉ	5.1	UN3378	
SODIUM CHLORATE	CHLORATE DE SODIUM	5.1	UN1495	
SODIUM CHLORATE, AQUEOUS SOLUTION	CHLORATE DE SODIUM EN SOLUTION AQUEUSE	5.1	UN2428	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
Sodium chlorate mixed with dinitrotoluene	Chlorate de sodium en mélange avec du dinitrotoluène	1.1D	See UN0083	
SODIUM CHLORITE with more than 7% available chlorine	CHLORITE DE SODIUM contenant plus de 7 % de chlore libre	5.1	UN1496	
SODIUM CHLOROACETATE	CHLORACÉTATE DE SODIUM	6.1	UN2659	
Sodium copper cyanide, solid	CUPROCYANURE DE SODIUM SOLIDE	6.1	See UN2316	P
Sodium copper cyanide solution	CUPROCYANURE DE SODIUM EN SOLUTION	6.1	See UN2317	P
SODIUM CUPROCYANIDE, SOLID	CUPROCYANURE DE SODIUM SOLIDE	6.1	UN2316	P
SODIUM CUPROCYANIDE SOLUTION	CUPROCYANURE DE SODIUM EN SOLUTION	6.1	UN2317	P
SODIUM CYANIDE, SOLID	CYANURE DE SODIUM, SOLIDE	6.1	UN1689	P
SODIUM CYANIDE SOLUTION	CYANURE DE SODIUM EN SOLUTION	6.1	UN3414	P
Sodium dicyanocuprate (I), solid	Dicyanocuprate de sodium (I), solide	6.1	See UN2316	P
Sodium dicyanocuprate (I) solution	Dicyanocuprate de sodium (I), en solution	6.1	See UN2317	P
Sodium dimethylarsenate	Diméthylarsenate de sodium	6.1	See UN1688	
SODIUM DINITRO-o-CRESOLATE, dry or wetted with less than 15% water, by mass	DINITRO-o-CRÉSATE DE SODIUM sec ou humidifié avec moins de 15 % (masse) d'eau	1.3C	UN0234	P
SODIUM DINITRO-o-CRESOLATE, WETTED, with not less than 10% water, by mass	DINITRO-o-CRÉSATE DE SODIUM HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN3369	P
SODIUM DINITRO-o-CRESOLATE, WETTED with not less than 15% water, by mass	DINITRO-o-CRÉSATE DE SODIUM HUMIDIFIÉ avec au moins 15 % (masse) d'eau	4.1	UN1348	P
Sodium dioxide	Dioxyde de sodium	5.1	See UN1504	
SODIUM DITHIONITE	DITHIONITE DE SODIUM	4.2	UN1384	
SODIUM FLUORIDE, SOLID	FLUORURE DE SODIUM, SOLIDE	6.1	UN1690	
SODIUM FLUORIDE SOLUTION	FLUORURE DE SODIUM EN SOLUTION	6.1	UN3415	
SODIUM FLUOROACETATE	FLUORACÉTATE DE SODIUM	6.1	UN2629	
SODIUM FLUOROSILICATE	FLUOROSILICATE DE SODIUM	6.1	UN2674	
Sodium hexafluorosilicate	Hexafluorosilicate de sodium	6.1	See UN2674	
Sodium hydrate	Hydrate de sodium	8	See UN1824	
SODIUM HYDRIDE	HYDRURE DE SODIUM	4.3	UN1427	
Sodium hydrogen 4-aminophenylarsenate	Amino-4 phénylhydrogénarsénate de sodium		See UN2473	
SODIUM HYDROGENDIFLUORIDE	HYDROGÉNODIFLUORURE DE SODIUM	8	UN2439	
SODIUM HYDROSULFIDE with less than 25% water of crystallization	HYDROGÉNOSULFURE DE SODIUM avec moins de 25 % d'eau de cristallisation	4.2	UN2318	
SODIUM HYDROSULFIDE, HYDRATED with not less than 25% water of crystallization	HYDROGÉNOSULFURE DE SODIUM HYDRATÉ avec au moins 25 % d'eau de cristallisation	8	UN2949	
SODIUM HYDROSULFITE	HYDROSULFITE DE SODIUM	4.2	UN1384	
SODIUM HYDROSULPHIDE with less than 25% water of crystallization	HYDROGÉNOSULFURE DE SODIUM avec moins de 25 % d'eau de cristallisation	4.2	UN2318	
SODIUM HYDROSULPHIDE, HYDRATED with not less than 25% water of crystallization	HYDROGÉNOSULFURE DE SODIUM HYDRATÉ avec au moins 25 % d'eau de cristallisation	8	UN2949	
SODIUM HYDROSULPHITE	HYDROSULFITE DE SODIUM	4.2	UN1384	
SODIUM HYDROXIDE, SOLID	HYDROXYDE DE SODIUM SOLIDE	8	UN1823	
SODIUM HYDROXIDE SOLUTION	HYDROXYDE DE SODIUM EN SOLUTION	8	UN1824	
Sodium hypochlorite solution	Hypochlorite de sodium en solution	8	See UN1791	P
Sodium metasilicate pentahydrate	Métasilicate de sodium pentahydraté	8	See UN3253	
SODIUM METHYLATE	MÉTHYLATE DE SODIUM	4.2	UN1431	
SODIUM METHYLATE SOLUTION in alcohol	MÉTHYLATE DE SODIUM EN SOLUTION dans l'alcool	3	UN1289	
SODIUM MONOXIDE	MONOXYDE DE SODIUM	8	UN1825	
SODIUM NITRATE	NITRATE DE SODIUM	5.1	UN1498	
SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE	NITRATE DE SODIUM ET NITRATE DE POTASSIUM EN MÉLANGE	5.1	UN1499	

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Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
SODIUM NITRITE	NITRITE DE SODIUM	5.1	UN1500	
Sodium nitrite and potassium nitrate mixture	Nitrite de sodium et nitrate de potassium en mélange	5.1	See UN1487	
SODIUM PENTACHLOROPHENATE	PENTACHLOROPHÉNATE DE SODIUM	6.1	UN2567	P
SODIUM PERBORATE MONOHYDRATE	PERBORATE DE SODIUM MONOHYDRATÉ	5.1	UN3377	
SODIUM PERCHLORATE	PERCHLORATE DE SODIUM	5.1	UN1502	
SODIUM PERMANGANATE	PERMANGANATE DE SODIUM	5.1	UN1503	
SODIUM PEROXIDE	PEROXYDE DE SODIUM	5.1	UN1504	
SODIUM PEROXOBORATE, ANHYDROUS	PEROXOBORATE DE SODIUM ANHYDRE	5.1	UN3247	
SODIUM PERSULFATE	PERSULFATE DE SODIUM	5.1	UN1505	
SODIUM PERSULPHATE	PERSULFATE DE SODIUM	5.1	UN1505	
SODIUM PHOSPHIDE	PHOSPHURE DE SODIUM	4.3	UN1432	
SODIUM PICRAMATE, dry or wetted with less than 20% water, by mass	PICRAMATE DE SODIUM sec ou humidifié avec moins de 20 % (masse) d'eau	1.3C	UN0235	
SODIUM PICRAMATE, WETTED with not less than 20% water, by mass	PICRAMATE DE SODIUM HUMIDIFIÉ avec au moins 20 % (masse) d'eau	4.1	UN1349	
SODIUM PICRYL PEROXIDE	PEROXYDE DE SODIUM PICRYLE	Forbidden		
Sodium potassium alloys	Potassium et sodium, alliages de	4.3	See UN1422 See UN3404	
Sodium selenate	Séléniate de sodium	6.1	See UN2630	
Sodium selenite	Sélénite de sodium	6.1	See UN2630	
Sodium silicofluoride	Fluosilicate de sodium	6.1	See UN2674	
SODIUM SULFIDE with less than 30% water of crystallization	SULFURE DE SODIUM avec moins de 30 % d'eau de cristallisation	4.2	UN1385	
SODIUM SULFIDE, ANHYDROUS	SULFURE DE SODIUM ANHYDRE	4.2	UN1385	
SODIUM SULFIDE, HYDRATED with not less than 30% water	SULFURE DE SODIUM HYDRATÉ avec au moins 30 % d'eau	8	UN1849	
SODIUM SULPHIDE with less than 30% water of crystallization	SULFURE DE SODIUM avec moins de 30 % d'eau de cristallisation	4.2	UN1385	
SODIUM SULPHIDE, ANHYDROUS	SULFURE DE SODIUM ANHYDRE	4.2	UN1385	
SODIUM SULPHIDE, HYDRATED with not less than 30% water	SULFURE DE SODIUM HYDRATÉ avec au moins 30 % d'eau	8	UN1849	
SODIUM SUPEROXIDE	SUPEROXYDE DE SODIUM	5.1	UN2547	
SODIUM TETRANITRIDE	TÉTRANITRURE DE SODIUM	Forbidden		
SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.	SOLIDES CONTENANT DU LIQUIDE CORROSIF, N.S.A.	8	UN3244	
SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	SOLIDES CONTENANT DU LIQUIDE INFLAMMABLE, N.S.A.	4.1	UN3175	
SOLIDS CONTAINING TOXIC LIQUID, N.O.S.	SOLIDES CONTENANT DU LIQUIDE TOXIQUE, N.S.A.	6.1	UN3243	
Solvents, flammable, n.o.s.	Solvants, inflammables, n.s.a.	3	See UN1993	
Solvents, flammable, toxic, n.o.s.	Solvants, inflammables, toxiques, n.s.a.	3	See UN1992	
SOUNDING DEVICES, EXPLOSIVE	CAPSULES DE SONDAGE EXPLOSIVES	1.1D 1.1F 1.2D 1.2F	UN0374 UN0296 UN0375 UN0204	
Squibs	Squibs	1.4G 1.4S	See UN0325 See UN0454	
STANNIC CHLORIDE, ANHYDROUS	CHLORURE D'ÉTAIN IV ANHYDRE	8	UN1827	
STANNIC CHLORIDE PENTAHYDRATE	CHLORURE D'ÉTAIN IV PENTAHYDRATÉ	8	UN2440	
STANNIC PHOSPHIDES	PHOSPHURES STANNIQUES	4.3	UN1433	
Steel swarf	Riblon d'acier	4.2	See UN2793	
STIBINE	STIBINE	2.3	UN2676	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
STRAW, regulated only when transported by ship	PAILLE, réglementée seulement lorsqu'elle est transportée par navire	4.1	UN1327	
STRAW, wet, damp or contaminated with oil, by ship only	PAILLE, mouillée, humide ou souillée d'huile, par navire seulement	Forbidden		
Strontium alloys, pyrophoric	Strontium, alliage pyrophorique de	4.2	See UN1383	
STRONTIUM ARSENITE	ARSÉNITE DE STRONTIUM	6.1	UN1691	
STRONTIUM CHLORATE	CHLORATE DE STRONTIUM	5.1	UN1506	
Strontium dioxide	Dioxyde de strontium	5.1	See UN1509	
STRONTIUM NITRATE	NITRATE DE STRONTIUM	5.1	UN1507	
STRONTIUM PERCHLORATE	PERCHLORATE DE STRONTIUM	5.1	UN1508	
STRONTIUM PEROXIDE	PEROXYDE DE STRONTIUM	5.1	UN1509	
STRONTIUM PHOSPHIDE	PHOSPHURE DE STRONTIUM	4.3	UN2013	
STRYCHNINE	STRYCHNINE	6.1	UN1692	P
Strychnine pesticides (see PESTICIDE, N.O.S.)	Strychnine (pesticides) (voir PESTICIDE, N.S.A.)			P
STRYCHNINE SALTS	SELS DE STRYCHNINE	6.1	UN1692	P
STYPHNIC ACID, dry or wetted with less than 20% water, or mixture of alcohol and water, by mass	ACIDE STYPHNIQUE sec ou humidifié avec moins de 20 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1D	UN0219	
STYPHNIC ACID, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	ACIDE STYPHNIQUE HUMIDIFIÉ avec au moins 20 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1D	UN0394	
STYRENE MONOMER, STABILIZED	STYRÈNE MONOMÈRE STABILISÉ	3	UN2055	
SUBSTANCES, EVI, N.O.S.	MATIÈRES ETPS, N.S.A.	1.5D	UN0482	
SUBSTANCES, EXPLOSIVE, N.O.S.	MATIÈRES EXPLOSIVES, N.S.A.	1.1A 1.1C 1.1D 1.1G 1.1L 1.2L 1.3C 1.3G 1.3L 1.4C 1.4D 1.4G 1.4S	UN0473 UN0474 UN0475 UN0476 UN0357 UN0358 UN0477 UN0478 UN0359 UN0479 UN0480 UN0485 UN0481	
SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE, N.O.S.	MATIÈRES EXPLOSIVES TRÈS PEU SENSIBLES, N.S.A.	1.5D	UN0482	
Substances liable to spontaneous combustion, n.o.s.	Matières sujettes à l'inflammation spontanée, n.s.a.	4.2	See UN2845 See UN2846 See UN3194 See UN3200	
SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	NITROPHÉNOL SUBSTITUÉ PESTICIDE LIQUIDE INFLAMMABLE, TOXIQUE, ayant un point d'éclair inférieur à 23 °C	3	UN2780	
SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC	NITROPHÉNOL SUBSTITUÉ PESTICIDE LIQUIDE TOXIQUE	6.1	UN3014	
SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	NITROPHÉNOL SUBSTITUÉ PESTICIDE LIQUIDE, TOXIQUE, INFLAMMABLE, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN3013	
SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	NITROPHÉNOL SUBSTITUÉ PESTICIDE SOLIDE TOXIQUE	6.1	UN2779	
SUCROSE OCTANITRATE (DRY)	OCTANITRATE DE SUCROSE (SEC)	Forbidden		
SULFAMIC ACID	ACIDE SULFAMIQUE	8	UN2967	
Sulfotep (see ORGANOPHOSPHORUS PESTICIDE)	Sulfotep (voir PESTICIDE ORGANOPHOSPHORÉ)			P
SULFUR	SOUFRE	4.1	UN1350	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
SULFUR AND CHLORATE, LOOSE MIXTURES OF	SOUFRE ET CHLORATE, EN MÉLANGE PULVÉRULENT	Forbidden		
SULFUR CHLORIDES	CHLORURES DE SOUFRE	8	UN1828	
Sulfur dichloride	Dichlorure de soufre	8	See UN1828	
SULFUR DIOXIDE	DIOXYDE DE SOUFRE	2.3	UN1079	
Sulfuretted hydrogen	Hydrogène sulfuré	2.3	See UN1053	
SULFUR HEXAFLUORIDE	HEXAFLUORURE DE SOUFRE	2.2	UN1080	
SULFUR, MOLTEN	SOUFRE FONDU	4.1	UN2448	
Sulfur monochloride	Monochlorure de soufre	8	See UN1828	
Sulfur protochloride	Protochlorure de soufre	8	See UN1828	
SULFUR TETRAFLUORIDE	TÉTRAFLUORURE DE SOUFRE	2.3	UN2418	
SULFUR TRIOXIDE, STABILIZED	TRIOXYDE DE SOUFRE STABILISÉ	8	UN1829	
SULFURIC ACID with more than 51% acid	ACIDE SULFURIQUE contenant plus de 51 % d'acide	8	UN1830	
SULFURIC ACID with not more than 51% acid	ACIDE SULFURIQUE ne contenant pas plus de 51 % d'acide	8	UN2796	
SULFURIC ACID, FUMING	ACIDE SULFURIQUE FUMANT	8	UN1831	
SULFURIC ACID, SPENT	ACIDE SULFURIQUE RÉSIDUAIRE	8	UN1832	
Sulfuric and hydrofluoric acid mixture	Acide sulfurique et acide fluorhydrique en mélange	8	See UN1786	
SULFUROUS ACID	ACIDE SULFUREUX	8	UN1833	
Sulfurous anhydride, liquefied	Anhydride sulfureux liquéfié	2.3	See UN1079	
SULFURYL CHLORIDE	CHLORURE DE SULFURYLE	6.1	UN1834	
SULFURYL FLUORIDE	FLUORURE DE SULFURYLE	2.3	UN2191	
SULPHAMIC ACID	ACIDE SULFAMIQUE	8	UN2967	
SULPHUR	SOUFRE	4.1	UN1350	
SULPHUR AND CHLORATE, LOOSE MIXTURES OF	SOUFRE ET CHLORATE, EN MÉLANGE PULVÉRULENT	Forbidden		
SULPHUR CHLORIDES	CHLORURES DE SOUFRE	8	UN1828	
Sulphur dichloride	Dichlorure de soufre	8	See UN1828	
SULPHUR DIOXIDE	DIOXYDE DE SOUFRE	2.3	UN1079	
SULPHUR HEXAFLUORIDE	HEXAFLUORURE DE SOUFRE	2.2	UN1080	
SULPHUR, MOLTEN	SOUFRE FONDU	4.1	UN2448	
Sulphur monochloride	Monochlorure de soufre	8	See UN1828	
Sulphur protochloride	Protochlorure de soufre	8	See UN1828	
SULPHUR TETRAFLUORIDE	TÉTRAFLUORURE DE SOUFRE	2.3	UN2418	
SULPHUR TRIOXIDE, STABILIZED	TRIOXYDE DE SOUFRE STABILISÉ	8	UN1829	
Sulphuretted hydrogen	Hydrogène sulfuré	2.3	See UN1053	
SULPHURIC ACID with more than 51% acid	ACIDE SULFURIQUE contenant plus de 51 % d'acide	8	UN1830	
SULPHURIC ACID with not more than 51% acid	ACIDE SULFURIQUE ne contenant pas plus de 51 % d'acide	8	UN2796	
SULPHURIC ACID, FUMING	ACIDE SULFURIQUE FUMANT	8	UN1831	
SULPHURIC ACID, SPENT	ACIDE SULFURIQUE RÉSIDUAIRE	8	UN1832	
Sulfuric and hydrofluoric acid mixture	Acide sulfurique et acide fluorhydrique en mélange	8	See UN1786	
SULFUROUS ACID	ACIDE SULFUREUX	8	UN1833	
Sulfurous anhydride, liquefied	Anhydride sulfureux liquéfié	2.3	See UN1079	
SULFURYL CHLORIDE	CHLORURE DE SULFURYLE	6.1	UN1834	
SULFURYL FLUORIDE	FLUORURE DE SULFURYLE	2.3	UN2191	
Sulprofos (see ORGANOPHOSPHORUS PESTICIDE)	Sulprofos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Talcum with tremolite and/or actinolite	Talc avec de la trémolite ou de l'actinolite	9	See UN2590	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
Tallow nitrile	Nitrile de suif	9	See UN3082	P
Tar	Goudron	9	See UN3082	P
TARS, LIQUID, including road oils and cutback bitumen	GOUDRONS LIQUIDES, y compris les liants routiers et les cut backs bitumineux	3	UN1999	
Tartar emetic	Émétique	6.1	See UN1551	
TEAR GAS CANDLES	CHANDELLES LACRYMOGÈNES	6.1	UN1700	
TEAR GAS SUBSTANCE, LIQUID, N.O.S.	MATIÈRE LIQUIDE SERVANT À LA PRODUCTION DE GAZ LACRYMOGÈNES, N.S.A.	6.1	UN1693	
TEAR GAS SUBSTANCE, SOLID, N.O.S.	MATIÈRE SOLIDE SERVANT À LA PRODUCTION DE GAZ LACRYMOGÈNES, N.S.A.	6.1	UN3448	
TELLURIUM COMPOUND, N.O.S.	COMPOSÉ DU TELLURE, N.S.A.	6.1	UN3284	
TELLURIUM HEXAFLUORIDE	HEXAFLUORURE DE TELLURE	2.3	UN2195	
Temephos (see ORGANOPHOSPHORUS PESTICIDE)	Téméphos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
TEPP (see ORGANOPHOSPHORUS PESTICIDE)	TEPP (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Terbuphos (see ORGANOPHOSPHORUS PESTICIDE)	Terbufos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
TERPENE HYDROCARBONS, N.O.S.	HYDROCARBURES TERPÉNIQUES, N.S.A.	3	UN2319	
TERPINOLENE	TERPINOLÈNE	3	UN2541	
TETRAAZIDO BENZENE QUINONE	TÉTRAAZIDO BENZÈNE QUINONE	Forbidden		
TETRABROMOETHANE	TÉTRABROMÉTHANE	6.1	UN2504	P
1,1,2,2-Tetrabromoethane	Tétrabromo-1,1,2,2 éthane	6.1	See UN2504	P
Tetrabromomethane	Tétrabromométhane	6.1	UN2516	P
1,1,2,2-TETRACHLOROETHANE	1,1,2,2-TÉTRACHLORÉTHANE	6.1	UN1702	P
TETRACHLOROETHYLENE	TÉTRACHLORÉTHYLÈNE	6.1	UN1897	P
Tetrachloromethane	Tétrachlorométhane	6.1	UN1846	P
Tetrachlorvinphos	Tétrachlorvinphos		See Note 1	P
TETRAETHYLMONIUM PERCHLORATE (DRY)	PERCHLORATE DE TÉRAMÉTHYLAMMONIUM (SEC)	Forbidden		
TETRAETHYL DITHIOPYROPHOSPHATE	DITHIOPYROPHOSPHATE DE TÉTRAÉTHYLE	6.1	UN1704	P
TETRAETHYLENEPENTAMINE	TÉTRAÉTHYLÉNEPENTAMINE	8	UN2320	
Tetraethyl lead	Plomb-tétraéthyle	6.1	See UN1649	P
TETRAETHYL SILICATE	SILICATE DE TÉTRAÉTHYLE	3	UN1292	
Tetraethoxysilane	Tétraéthoxysilane	3	See UN1292	
Tetrafluorodichloroethane	Tétrafluorodichloroéthane	2.2	See UN1958	
1,1,1,2-TETRAFLUOROETHANE	TÉTRAFLUORO-1,1,1,2 ÉTHANE	2.2	UN3159	
TETRAFLUOROETHYLENE, STABILIZED	TÉTRAFLUORÉTHYLÈNE STABILISÉ	2.1	UN1081	
TETRAFLUOROMETHANE	TÉTRAFLUOROMÉTHANE	2.2	UN1982	
1,2,3,6-TETRAHYDROBENZALDEHYDE	TÉTRAHYDRO-1,2,3,6 BENZALDÉHYDE	3	UN2498	
TETRAHYDROFURAN	TÉTRAHYDROFURANNE	3	UN2056	
TETRAHYDROFURFURLAMINE	TÉTRAHYDROFURFURLAMINE	3	UN2943	
Tetrahydro-1,4-oxazine	Tétrahydro-p-oxazine	8	See UN2054	
TETRAHYDROPHthalic ANHYDRIDES with more than 0.05% of maleic anhydride	ANHYDRIDES TÉTRAHYDROPTALIQUES contenant plus de 0,05 % d'anhydride maléique	8	UN2698	
1,2,3,6-TETRAHYDROPYRIDINE	TÉTRAHYDRO-1,2,3,6 PYRIDINE	3	UN2410	
TETRAHYDROTHIOPHENE	TÉTRAHYDROTHIOPHÈNE	3	UN2412	
Tetramethoxysilane	Tétraméthoxysilane	6.1	See UN2606	
Tetramethrin	Tétraméthrine		See Note 1	P
TETRAMETHYLMONIUM HYDROXIDE, SOLID	HYDROXYDE DE TÉRAMÉTHYLAMMONIUM, SOLIDE	8	UN3423	
TETRAMETHYLMONIUM HYDROXIDE SOLUTION	HYDROXYDE DE TÉRAMÉTHYLAMMONIUM EN SOLUTION	8	UN1835	
Tetramethylene	Tétraméthylène	2.1	See UN2601	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
Tetramethylene cyanide	Cyanure de tétraméthylène	6.1	See UN2205	
TETRAMETHYLENE DIPEROXIDE DICARBAMIDE	TÉTRAMÉTHYLÈNE DIPEROXYDE DICARBAMIDE	Forbidden		
Tetramethyl lead	Plomb-tétraméthyle	6.1	See UN1649	P
TETRAMETHYLSILANE	TÉTRAMÉTHYLSILANE	3	UN2749	
TETRANITROANILINE	TÉTRANITRANILINE	1.1D	UN0207	
TETRANITRODIGLYCERIN	TÉTRANITRO DIGLYCÉRINE	Forbidden		
TETRANITROMETHANE	TÉTRANITROMÉTHANE	6.1	UN1510	
2,3,4,6-TETRANITROPHENOL	TÉTRANITRO-2,3,4,6 PHÉNOL	Forbidden		
2,3,4,6-TETRANITROPHENYL METHYL NITRAMINE	TÉTRANITRO-2,3,4,6 PHÉNYL MÉTHYL NITRAMINE	Forbidden		
2,3,4,6-TETRANITROPHENYLNITRAMINE	TÉTRANITRO-2,3,4,6 PHÉNYLNITRAMINE	Forbidden		
TETRANITRORESORCINAL (DRY)	TÉTRANITRORÉSORCINOL (SEC)	Forbidden		
2,3,5,6-TETRANITROSO-1,4-DINITROBENZENE	TÉTRANITROSO-2,3,5,6 DINITRO-1,4 BENZÈNE	Forbidden		
2,3,5,6-TETRANITROSO NITROBENZENE (DRY)	TÉTRANITROSO-2,3,5,6 NITROBENZÈNE (SEC)	Forbidden		
Tetrapropylene	Propylène, tétramère du; ou Tétramère du propylène	3	UN2850	P
TETRAPROPYL ORTHOTITANATE	ORTHOTITANATE DE PROPYLE	3	UN2413	
TETRAZENE, WETTED with not less than 30% water, or mixture of alcohol and water, by mass	TÉTRAZÈNE HUMIDIFIÉ avec au moins 30 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1A	UN0114	
TETRAZINE	TÉTRAZINE	Forbidden		
TETRAZOL-1-ACETIC ACID	ACIDE TÉRAZOL-1-ACÉTIQUE	1.4C	UN0407	
1H-TETRAZOLE	TÉTRAZOLE-1H	1.1D	UN0504	
TETRAZOLYL AZIDE (DRY)	AZOTURE DE TÉRAZOLYME (SEC)	Forbidden		
TETRYL	TÉTRYL	1.1D	UN0208	
TEXTILE WASTE, WET, regulated only when transported by ship	DÉCHETS TEXTILES MOUILLÉS, réglementés seulement lorsqu'ils sont transportés par navire	4.2	UN1857	
THALLIUM CHLORATE	CHLORATE DE THALLIUM	5.1	UN2573	P
Thallium (I) chlorate	Chlorate de thallium (I)	5.1	See UN2573	P
THALLIUM COMPOUND, N.O.S.	COMPOSÉ DU THALLIUM, N.S.A.	6.1	UN1707	P
THALLIUM NITRATE	NITRATE DE THALLIUM	6.1	UN2727	P
Thallium (I) nitrate	Nitrate de thallium (I)	6.1	See UN2727	P
Thallium sulfate	Sulfate de thallium	6.1	See UN1707	P
Thallium sulphate	Sulfate de thallium	6.1	See UN1707	P
Thallous chlorate	Chlorate thalleux	5.1	See UN2573	P
4-THIAPENTANAL	MÉTHYLTHIO-3 PROPANAL ou 4-THIAPENTANAL	6.1	UN2785	
Thia-4-pentanal	4-THIAPENTANAL	6.1	See UN2785	
THIOACETIC ACID	ACIDE THIOACÉTIQUE	3	UN2436	
THiocarbamate PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	THiocarbamate PESTICIDE LIQUIDE INFLAMMABLE, TOXIQUE, ayant un point d'éclair inférieur à 23 °C	3	UN2772	
THiocarbamate PESTICIDE, LIQUID, TOXIC	THiocarbamate PESTICIDE LIQUIDE TOXIQUE	6.1	UN3006	
THiocarbamate PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	THiocarbamate PESTICIDE LIQUIDE TOXIQUE, INFLAMMABLE, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN3005	
THiocarbamate PESTICIDE, SOLID, TOXIC	THiocarbamate PESTICIDE SOLIDE TOXIQUE	6.1	UN2771	
Thiocarbonyl tetrachloride	Tétrachlorure de thiocarbonyle	6.1	See UN1670	P
THIOGLYCOL	THIOGLYCOL	6.1	UN2966	
THIOGLYCOLIC ACID	ACIDE THIOGLYCOLIQUE	8	UN1940	
THIOLACTIC ACID	ACIDE THIOLACTIQUE	6.1	UN2936	
THIONYL CHLORIDE	CHLORURE DE THIONYLE	8	UN1836	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
THIOPHENE	THIOPHÈNE	3	UN2414	
Thiophenol	Thiophénol	6.1	See UN2337	
THIOPHOSGENE	THIOPHOSGÈNE	6.1	UN2474	
THIOPHOSPHORYL CHLORIDE	CHLORURE DE THIOPHOSPHORYLE	8	UN1837	
THIOUREA DIOXIDE	DIOXYDE DE THIO-URÉE	4.2	UN3341	
Tin (IV) chloride, anhydrous	CHLORURE D'ÉTAIN IV ANHYDRE	8	See UN1827	
Tin (IV) chloride, pentahydrate	CHLORURE D'ÉTAIN IV PENTAHYDRATÉ	8	See UN2440	
TINCTURES, MEDICINAL	TEINTURES MÉDICINALES	3	UN1293	
Tin tetrachloride	Tétrachlorure d'étain	8	See UN1827	
TITANIUM DISULFIDE	DISULFURE DE TITANE	4.2	UN3174	
TITANIUM DISULPHIDE	DISULFURE DE TITANE	4.2	UN3174	
TITANIUM HYDRIDE	HYDRURE DE TITANE	4.1	UN1871	
TITANIUM POWDER, DRY	TITANE EN POUDRE SEC	4.2	UN2546	
TITANIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns	TITANE EN POUDRE HUMIDIFIÉ avec au moins 25 % d'eau (un excès d'eau doit être apparent): a) produit mécaniquement, d'une granulométrie de moins de 53 microns; b) produit chimiquement, d'une granulométrie de moins de 840 microns	4.1	UN1352	
TITANIUM SPONGE GRANULES	ÉPONGE DE TITANE, SOUS FORME DE GRANULÉS	4.1	UN2878	
TITANIUM SPONGE POWDERS	ÉPONGE DE TITANE, SOUS FORME DE POUDRE	4.1	UN2878	
TITANIUM TETRACHLORIDE	TÉTRACHLORURE DE TITANE	6.1	UN1838	
TITANIUM TRICHLORIDE MIXTURE	TRICHLORURE DE TITANE EN MÉLANGE	8	UN2869	
TITANIUM TRICHLORIDE MIXTURE, PYROPHORIC	TRICHLORURE DE TITANE EN MÉLANGE PYROPHORIQUE	4.2	UN2441	
TITANIUM TRICHLORIDE, PYROPHORIC	TRICHLORURE DE TITANE PYROPHORIQUE	4.2	UN2441	
TNT, dry or wetted with less than 30% water, by mass	TNT sec ou humidifié avec moins de 30 % (masse) d'eau	1.1D	UN0209	
TNT mixed with aluminium	TNT en mélange avec de l'aluminium	1.1D	See UN0390	
TNT AND HEXANITROSTILBENE MIXTURE	TNT EN MÉLANGE AVEC DE L'HEXANITROSTILBÈNE	1.1D	UN0388	
TNT AND TRINITROBENZENE MIXTURE	TNT EN MÉLANGE AVEC DU TRINITROBENZÈNE	1.1D	UN0388	
TNT MIXTURE CONTAINING TRINITROBENZENE AND HEXANITROSTILBENE	TNT EN MÉLANGE AVEC DU TRINITROBENZÈNE ET DE L'HEXANITROSTILBÈNE	1.1D	UN0389	
TNT, WETTED with not less than 10% water, by mass	TNT HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN3366	
TNT, WETTED with not less than 30% water, by mass	TNT HUMIDIFIÉ avec au moins 30 % (masse) d'eau	4.1	UN1356	
Toe puffs, nitrocellulose base	Contreforts de chaussures (à base de nitrocellulose)	4.1	See UN1353	
TOLUENE	TOLUÈNE	3	UN1294	
TOLUENE DIISOCYANATE	DIISOCYANATE DE TOLUÈNE	6.1	UN2078	
TOLIDINES, LIQUID	TOLIDINES LIQUIDES	6.1	UN1708	P
TOLIDINES, SOLID	TOLIDINES SOLIDES	6.1	UN3451	P
Toluol	Toluol	3	See UN1294	
2,4-TOLUYLENEDIAMINE, SOLID	<i>m</i> -TOLUYLÉNEDIAMINE, SOLIDE	6.1	UN1709	
2,4-TOLUYLENEDIAMINE SOLUTION	<i>m</i> -TOLUYLÉNEDIAMINE EN SOLUTION	6.1	UN3418	
Toluylene diisocyanate	Toluylène diisocyanate	6.1	See UN2078	
Tolylene diisocyanate	DIISOCYANATE DE TOLUÈNE	6.1	See UN2078	
Tolylenylene, stabilized	Tolyléthylène, stabilisé	3	See UN2618	
TORPEDOES with bursting charge	TORPILLES avec charge d'éclatement	1.1D 1.1E 1.1F	UN0451 UN0329 UN0330	
TORPEDOES, LIQUID FUELLED with inert head	TORPILLES À COMBUSTIBLE LIQUIDE avec tête inerte	1.3J	UN0450	

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TORPEDOES, LIQUID FUELLED with or without bursting charge	TORPILLES À COMBUSTIBLE LIQUIDE avec ou sans charge d'éclatement	1.1J	UN0449	
TOXIC BY INHALATION LIQUID, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, N.S.A., de CL <sub>50</sub> inférieure ou égale à 200 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 500 CL <sub>50</sub>	6.1	UN3381	
TOXIC BY INHALATION LIQUID, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, N.S.A., de CL <sub>50</sub> inférieure ou égale à 1 000 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 10 CL <sub>50</sub>	6.1	UN3382	
TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, CORROSIF, N.S.A., de CL <sub>50</sub> inférieure ou égale à 200 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 500 CL <sub>50</sub>	6.1	UN3389	
TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, CORROSIF, N.S.A., de toxicité à l'inhalation inférieure ou égale à 1 000 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 10 CL <sub>50</sub>	6.1	UN3390	
TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, INFLAMMABLE, N.S.A., de CL <sub>50</sub> inférieure ou égale à 200 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 500 CL <sub>50</sub>	6.1	UN3383	
TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, INFLAMMABLE, N.S.A., de CL <sub>50</sub> inférieure ou égale à 1 000 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 10 CL <sub>50</sub>	6.1	UN3384	
TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, INFLAMMABLE, CORROSIF, N.S.A., de CL <sub>50</sub> inférieure ou égale à 200 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 500 CL <sub>50</sub>	6.1	UN3488	
TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, INFLAMMABLE, CORROSIF, N.S.A., de CL <sub>50</sub> inférieure ou égale à 1 000 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 10 CL <sub>50</sub>	6.1	UN3489	
TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, COMBURANT, N.S.A., de CL <sub>50</sub> inférieure ou égale à 200 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 500 CL <sub>50</sub>	6.1	UN3387	
TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, COMBURANT, N.S.A., de toxicité à l'inhalation inférieure ou égale à 1 000 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 10 CL <sub>50</sub>	6.1	UN3388	
TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, HYDRORÉACTIF, N.S.A., de CL <sub>50</sub> inférieure ou égale à 200 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 500 CL <sub>50</sub>	6.1	UN3385	
TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, HYDRORÉACTIF, N.S.A., de CL <sub>50</sub> inférieure ou égale à 1 000 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 10 CL <sub>50</sub>	6.1	UN3386	
TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S., with an LC <sub>50</sub> lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, HYDRORÉACTIF, INFLAMMABLE, N.S.A., de CL <sub>50</sub> inférieure ou égale à 200 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 500 CL <sub>50</sub>	6.1	UN3490	
TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S., with an LC <sub>50</sub> lower than or equal to 1 000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	LIQUIDE TOXIQUE À L'INHALATION, HYDRORÉACTIF, INFLAMMABLE, N.S.A., de CL <sub>50</sub> inférieure ou égale à 1 000 ml/m <sup>3</sup> et de concentration de vapeur saturée supérieure ou égale à 10 CL <sub>50</sub>	6.1	UN3491	
TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.	LIQUIDE INORGANIQUE TOXIQUE, CORROSIF, N.S.A.	6.1	UN3289	
TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	LIQUIDE ORGANIQUE TOXIQUE, CORROSIF, N.S.A.	6.1	UN2927	
TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	LIQUIDE ORGANIQUE TOXIQUE, INFLAMMABLE, N.S.A.	6.1	UN2929	
TOXIC LIQUID, INORGANIC, N.O.S.	LIQUIDE INORGANIQUE TOXIQUE, N.S.A.	6.1	UN3287	
TOXIC LIQUID, ORGANIC, N.O.S.	LIQUIDE ORGANIQUE TOXIQUE, N.S.A.	6.1	UN2810	
TOXIC LIQUID, OXIDIZING, N.O.S.	LIQUIDE TOXIQUE, COMBURANT, N.S.A.	6.1	UN3122	

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TOXIC LIQUID, WATER-REACTIVE, N.O.S.	LIQUIDE TOXIQUE, HYDRORÉACTIF, N.S.A.	6.1	UN3123	
TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.	SOLIDE INORGANIQUE TOXIQUE, CORROSIF, N.S.A.	6.1	UN3290	
TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.	SOLIDE ORGANIQUE TOXIQUE, CORROSIF, N.S.A.	6.1	UN2928	
TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.	SOLIDE ORGANIQUE TOXIQUE, INFLAMMABLE, N.S.A.	6.1	UN2930	
TOXIC SOLID, INORGANIC, N.O.S.	SOLIDE INORGANIQUE TOXIQUE, N.S.A.	6.1	UN3288	
TOXIC SOLID, ORGANIC, N.O.S.	SOLIDE ORGANIQUE TOXIQUE, N.S.A.	6.1	UN2811	
TOXIC SOLID, OXIDIZING, N.O.S.	SOLIDE TOXIQUE, COMBURANT, N.S.A.	6.1	UN3086	
TOXIC SOLID, SELF-HEATING, N.O.S.	SOLIDE TOXIQUE, AUTO-ÉCHAUFFANT, N.S.A.	6.1	UN3124	
TOXIC SOLID, WATER-REACTIVE, N.O.S.	SOLIDE TOXIQUE, HYDRORÉACTIF, N.S.A.	6.1	UN3125	
TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S., toxins from plant, animal or bacterial sources that contain infectious substances, or toxins that are contained in infectious substances must be classified in Division 6.2	TOXINES EXTRAITES D'ORGANISMES VIVANTS, LIQUIDES, N.S.A., les toxines d'origine végétale, animale ou bactérienne qui contiennent des matières infectieuses, ou les toxines qui sont contenues dans des matières infectieuses, doivent être classées dans la division 6.2	6.1	UN3172	
TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S. (toxins from plant, animal or bacterial sources that contain infectious substances, or toxins that are contained in infectious substances must be classified in Division 6.2)	TOXINES EXTRAITES D'ORGANISMES VIVANTS, SOLIDES, N.S.A. (les toxines d'origine végétale, animale ou bactérienne qui contiennent des matières infectieuses, ou les toxines qui sont contenues dans des matières infectieuses, doivent être classées dans la division 6.2)	6.1	UN3462	
TRACERS FOR AMMUNITION	TRACEURS POUR MUNITIONS	1.3G 1.4G	UN0212 UN0306	
Tremolite	Trémolite	9	See UN2590	
TRIALLYLAMINE	TRIALLYLAMINE	3	UN2610	
TRIALLYL BORATE	BORATE DE TRIALLYLE	6.1	UN2609	
Triaryl phosphates, isopropylated	Phosphates de triaryle, isopropylés	9	See UN3082	P
Triaryl phosphates, n.o.s.	Phosphates de triaryle, N.S.A.	9	See UN3082	P
TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point less than 23 °C	TRIAZINE PESTICIDE LIQUIDE INFLAMMABLE, TOXIQUE, ayant un point d'éclair inférieur à 23 °C	3	UN2764	
TRIAZINE PESTICIDE, LIQUID, TOXIC	TRIAZINE PESTICIDE LIQUIDE TOXIQUE	6.1	UN2998	
TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point not less than 23 °C	TRIAZINE PESTICIDE LIQUIDE TOXIQUE, INFLAMMABLE, ayant un point d'éclair égal ou supérieur à 23 °C	6.1	UN2997	
TRIAZINE PESTICIDE, SOLID, TOXIC	TRIAZINE PESTICIDE SOLIDE TOXIQUE	6.1	UN2763	
Triazophos (see ORGANOPHOSPHORUS PESTICIDE)	Triazophos (voir PESTICIDE ORGANOPHOSPHORÉ)			P
TRI-( <i>b</i> -NITROXYETHYL) AMMONIUM NITRATE	NITRATE DE TRI ( <i>b</i> -NITROXYÉTHYL) AMMONIUM	Forbidden		
Tribromoborane	Bromure de bore	8	See UN2692	
Tribromomethane	Tribromométhane	6.1	See UN2515	P
TRIBUTYLAMINE	TRIBUTYLAMINE	6.1	UN2542	
TRIBUTYLPHOSPHANE	TRIBUTYLPHOSPHANE	4.2	UN3254	
Tributyltin compounds (see ORGANOTIN PESTICIDE)	Composés du tributylétain (voir PESTICIDE ORGANOSTANNIQUE)			P
Trichlorfon (see ORGANOPHOSPHORUS PESTICIDE)	Trichlorfon (voir PESTICIDE ORGANOPHOSPHORÉ)			P
Trichloroacetaldehyde	Trichloracétaldehyde	6.1	See UN2075	
TRICHLOROACETIC ACID	ACIDE TRICHLORACÉTIQUE	8	UN1839	
TRICHLOROACETIC ACID SOLUTION	ACIDE TRICHLORACÉTIQUE EN SOLUTION	8	UN2564	
Trichloroacetaldehyde	Aldéhyde trichloracétique anhydre, stabilisé	6.1	See UN2075	
TRICHLOROACETYL CHLORIDE	CHLORURE DE TRICHLORACÉTYLE	8	UN2442	
1,2,3-Trichlorobenzenes	Trichlorobenzènes-1,2,3		See Note 1	P
TRICHLOROBENZENES, LIQUID	TRICHLOROBENZÈNES LIQUIDES	6.1	UN2321	P
TRICHLOROBUTENE	TRICHLOROBUTÈNE	6.1	UN2322	P
Trichlorobutylene	Trichlorobutylène	6.1	See UN2322	P

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1,1,1-TRICHLOROETHANE	TRICHLORO-1,1,1 ÉTHANE	6.1	UN2831	
TRICHLOROETHYLENE	TRICHLORÉTHYLÈNE	6.1	UN1710	
TRICHLOROISOCYANURIC ACID, DRY	ACIDE TRICHLOROISOCYANURIQUE SEC	5.1	UN2468	
Trichloromethanesulfuryl chloride	Perchlorométhyl mercaptan	6.1	See UN1670	P
Trichloromethanesulphuryl chloride	Perchlorométhyl mercaptan	6.1	See UN1670	P
TRICHLOROMETHYL PERCHLORATE	PERCHLORATE DE TRICHLOROMÉTHYLE	Forbidden		
Trichloromethyl sulfochloride	Perchlorométhyl mercaptan	6.1	See UN1670	P
Trichloromethyl sulphochloride	Perchlorométhyl mercaptan	6.1	See UN1670	P
Trichloronat (see ORGANOPHOSPHORUS PESTICIDE)	Trichloronate, voir PESTICIDE ORGANOPHOSPHORÉ			P
Trichloronitromethane	Trichloronitrométhane	6.1	See UN1580	
TRICHLOROSILANE	TRICHLOROSILANE	4.3	UN1295	
1,3,5-Trichloro-s-triazine-2,4,6-trione	Trichloro-1,3,5 trione-2,4,6 triazine-1,3,5	5.1	See UN2468	
2,4,6-Trichloro-1,3,5-triazine	Trichloro-2,4,6 triazine-1,3,5	8	See UN2670	
Tricresyl phosphate, less than 1% ortho isomer	Phosphate de tricrésyle, avec moins de 1 % d'isomère ortho	9	UN3082	P
Tricresyl phosphate, not less than 1% but not more than 3% ortho isomer	Phosphate de tricrésyle, avec au moins 1 % mais au plus 3 % d'isomère ortho	9	UN3082	P
TRICRESYL PHOSPHATE with more than 3% ortho isomer	PHOSPHATE DE TRICRÉSYLE avec plus de 3 % d'isomère ortho	6.1	UN2574	P
TRIETHYLAMINE	TRIÉTHYLAMINE	3	UN1296	
Triethylbenzene	Triéthylbenzène	9	UN3082	P
Triethyl borate	Borate triéthylique	3	See UN1176	
TRIETHYLENETETRAMINE	TRIÉTHYLÉNETÉTRAMINE	8	UN2259	
Triethyl orthoformate	Orthoformiate de triéthyle	3	See UN2524	
TRIETHYL PHOSPHITE	PHOSPHITE DE TRIÉTHYLE	3	UN2323	
TRIFLUOROACETIC ACID	ACIDE TRIFLUORACÉTIQUE	8	UN2699	
TRIFLUOROACETYL CHLORIDE	CHLORURE DE TRIFLUORACÉTYLE	2.3	UN3057	
Trifluorobromomethane	Trifluorobromométhane	2.2	See UN1009	
Trifluorochloroethane	Trifluorochloroéthane	2.2	See UN1983	
TRIFLUOROCHLOROETHYLENE, STABILIZED	TRIFLUOROCHLORÉTHYLÈNE STABILISÉ	2.3	UN1082	
Trifluorochloromethane	Trifluorochlorométhane	2.2	See UN1022	
1,1,1-TRIFLUOROETHANE	TRIFLUORO-1,1,1 ÉTHANE	2.1	UN2035	
TRIFLUOROMETHANE	TRIFLUOROMÉTHANE	2.2	UN1984	
TRIFLUOROMETHANE, REFRIGERATED LIQUID	TRIFLUOROMÉTHANE LIQUIDE RÉFRIGÉRÉ	2.2	UN3136	
2-TRIFLUOROMETHYLANILINE	TRIFLUOROMÉTHYL-2 ANILINE	6.1	UN2942	
3-TRIFLUOROMETHYLANILINE	TRIFLUOROMÉTHYL-3 ANILINE	6.1	UN2948	
TRIFORMOXIME TRINITRATE	TRINITRATE DE TRIFORMOXIME	Forbidden		
TRIISOBUTYLENE	TRIIISOBUTYLÈNE	3	UN2324	
Triisopropylated phenyl phosphates	Phosphates de phényle, triisopropylés	9	See UN3077	P
TRIIISOPROPYL BORATE	BORATE DE TRIIISOPROPYLE	3	UN2616	
TRIMETHYLACETYL CHLORIDE	CHLORURE DE TRIMÉTHYLACÉTYLE	6.1	UN2438	
TRIMETHYLAMINE, ANHYDROUS	TRIMÉTHYLAMINE ANHYDRE	2.1	UN1083	
TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass	TRIMÉTHYLAMINE EN SOLUTION AQUEUSE contenant au plus 50 % (masse) de triméthylamine	3	UN1297	
1,3,5-TRIMETHYLBENZENE	TRIMÉTHYL-1,3,5 BENZÈNE	3	UN2325	P
TRIMETHYL BORATE	BORATE DE TRIMÉTHYLE	3	UN2416	
TRIMETHYLCHLOROSILANE	TRIMÉTHYLCHLOROSILANE	3	UN1298	
TRIMETHYLCYCLOHEXYLAMINE	TRIMÉTHYLCYCLOHEXYLAMINE	8	UN2326	

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Trimethylene chlorobromide	Chlorobromure de triméthylène	6.1	See UN2688	
TRIMETHYLENE GLYCOL DIPERCHLORATE	DIPERCHLORATE DE TRIMÉTHYLÈNE GLYCOL	Forbidden		
TRIMETHYLHEXAMETHYLENEDIAMINES	TRIMÉTHYLHEXAMÉTHYLÉNEDIAMINES	8	UN2327	
TRIMETHYLHEXAMETHYLENE DIISOCYANATE	DIISOCYANATE DE TRIMÉTHYLHEXAMÉTHYLÈNE	6.1	UN2328	
TRIMETHYLOL NITROMETHANE TRINITRATE	TRINITRATE DE TRIMÉTHYLOL NITROMÉTHANE	Forbidden		
2,2,4-Trimethylpentane	Triméthyl-2,2,4 pentane	3	See UN1262	P
2,4,4-Trimethyl-2-pantanethiol	Triméthyl-2,4,4 pentanethiol-2	6.1	See UN3023	
2,4,4-Trimethylpentene-1	Triméthyl-2,4,4 pentène-1	3	See UN2050	
2,4,4-Trimethylpentene-2	Triméthyl-2,4,4 pentène-2	3	See UN2050	
TRIMETHYL PHOSPHITE	PHOSPHITE DE TRIMÉTHYLE	3	UN2329	
1,3,5-TRIMETHYL-2,4,6-TRINITROBENZENE	TRIMÉTHYL-1,3,5 TRINITRO-2,4,6 BENZÈNE	Forbidden		
TRINITROACETIC ACID	ACIDE TRINITROACÉTIQUE	Forbidden		
TRINITROACETONITRILE	TRINITROACÉTONITRILE	Forbidden		
TRINITROAMINE COBALT	COBALT TRINITROAMINE	Forbidden		
TRINITROANILINE	TRINITRANILINE	1.1D	UN0153	
TRINITROANISOLE	TRINITRANISOLE	1.1D	UN0213	
TRINITROBENZENE, dry or wetted with less than 30% water, by mass	TRINITROBENZÈNE sec ou humidifié avec moins de 30 % (masse) d'eau	1.1D	UN0214	
TRINITROBENZENE, WETTED, with not less than 10% water, by mass	TRINITROBENZÈNE HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN3367	
TRINITROBENZENE, WETTED, with not less than 30% water, by mass	TRINITROBENZÈNE HUMIDIFIÉ avec au moins 30 % (masse) d'eau	4.1	UN1354	
TRINITROBENZENESULFONIC ACID	ACIDE TRINITROBENZÈNESULFONIQUE	1.1D	UN0386	
TRINITROBENZENESULPHONIC ACID	ACIDE TRINITROBENZÈNESULFONIQUE	1.1D	UN0386	
TRINITROBENZOIC ACID, dry or wetted with less than 30% water, by mass	ACIDE TRINITROBENZOÏQUE sec ou humidifié avec moins de 30 % (masse) d'eau	1.1D	UN0215	
TRINITROBENZOIC ACID, WETTED, with not less than 10% water, by mass	ACIDE TRINITROBENZOÏQUE HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN3368	
TRINITROBENZOIC ACID, WETTED, with not less than 30% water, by mass	ACIDE TRINITROBENZOÏQUE HUMIDIFIÉ avec au moins 30 % (masse) d'eau	4.1	UN1355	
TRINITROCHLOROBENZENE	TRINITROCHLOROBENZÈNE	1.1D	UN0155	
TRINITROCHLOROBENZENE, WETTED, with not less than 10% water, by mass	TRINITROCHLOROBENZÈNE HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN3365	
TRINITRO- <i>m</i> -CRESOL	TRINITRO- <i>m</i> -CRÉSOL	1.1D	UN0216	
2,4,6-TRINITRO-1,3-DIAZOBENZENE	TRINITRO-2,4,6 DIAZO-1,3 BENZÈNE	Forbidden		
TRINITROETHANOL	TRINITROÉTHANOL	Forbidden		
TRINITROETHYLNITRATE	NITRATE DE TRINITROÉTHYLE	Forbidden		
TRINITROFLUORENONE	TRINITROFLUORÉNONE	1.1D	UN0387	
TRINITROMETHANE	TRINITROMÉTHANE	Forbidden		
1,3,5-TRINITRONAPHTHALENE	TRINITRO-1,3,5 NAPHTALÈNE	Forbidden		
TRINITRONAPHTHALENE	TRINITRONAPHTALÈNE	1.1D	UN0217	
TRINITROPHENETOLE	TRINITROPHÉNÉTOLE	1.1D	UN0218	
TRINITROPHENOL, dry or wetted with less than 30% water, by mass	TRINITROPHÉNOL sec ou humidifié avec moins de 30 % (masse) d'eau	1.1D	UN0154	
TRINITROPHENOL, WETTED, with not less than 10% water, by mass	TRINITROPHÉNOL HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN3364	
TRINITROPHENOL, WETTED, with not less than 30% water, by mass	TRINITROPHÉNOL HUMIDIFIÉ avec au moins 30 % (masse) d'eau	4.1	UN1344	
2,4,6-TRINITROPHENYL GUANIDINE (DRY)	TRINITRO-2,4,6 PHÉNylGUANIDINE (SÈCHE)	Forbidden		
TRINITROPHENYL METHYL NITRAMINE	TRINITROPHÉNYLMÉTHYL NITRAMINE	1.1D	UN0208	
2,4,6-TRINITROPHENYL NITRAMINE	TRINITRO-2,4,6 PHÉNylNITRAMINE	Forbidden		

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
2,4,6-TRINITROPHENYL TRIMETHYLOL METHYL NITRAMINE TRINITRATE (DRY)	TRINITRATE DE TRINITRO-2,4,6 PHÉNYL TRIMÉTHYLOL MÉTHYL NITRAMINE (SEC)	Forbidden		
TRINITRORESORCINOL, dry or wetted with less than 20% water, or mixture of alcohol and water, by mass	TRINITRORÉSORCINOL sec ou humidifié avec moins de 20 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1D	UN0219	
TRINITRORESORCINOL, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	TRINITRORÉSORCINOL HUMIDIFIÉ avec au moins 20 % (masse) d'eau ou d'un mélange d'alcool et d'eau	1.1D	UN0394	
2,4,6-TRINITROSO-3-METHYL NITRAMINOANISOLE	TRINITROSO-2,4,6 MÉTHYL-3 NITRAMINOANISOLE	Forbidden		
TRINITROTETRAMINE COBALT NITRATE	NITRATE DE COBALT TRINITROTÉRAMINE	Forbidden		
TRINITROTOLUENE, dry or wetted with less than 30% water, by mass	TRINITROTOLUÈNE sec ou humidifié avec moins de 30 % (masse) d'eau	1.1D	UN0209	
TRINITROTOLUENE AND HEXANITROSTILBENE MIXTURE	TRINITROTOLUÈNE EN MÉLANGE AVEC DE L'HEXANITROSTILBÈNE	1.1D	UN0388	
TRINITROTOLUENE AND TRINITROBENZENE MIXTURE	TRINITROTOLUÈNE EN MÉLANGE AVEC DU TRINITROBENZÈNE	1.1D	UN0388	
TRINITROTOLUENE MIXTURE CONTAINING TRINITROBENZENE AND HEXANITROSTILBENE	TRINITROTOLUÈNE EN MÉLANGE AVEC DU TRINITROBENZÈNE ET DE L'HEXANITROSTILBÈNE	1.1D	UN0389	
TRINITROTOLUENE, WETTED, with not less than 10% water, by mass	TRINITROTOLUÈNE HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN3366	
TRINITROTOLUENE, WETTED, with not less than 30% water, by mass	TRINITROTOLUÈNE HUMIDIFIÉ avec au moins 30 % (masse) d'eau	4.1	UN1356	
2,4,6-TRINITRO-1,3,5-TRIAZIDO BENZENE (DRY)	TRIAZIDO-1,3,5 TRINITRO-2,4,6 BENZÈNE (SEC)	Forbidden		
Triphenyl phosphate	Phosphate de triphényle	9	See UN3077	P
Triphenyl phosphate/tert-butylated triphenyl phosphates mixtures containing 5% to 10% of triphenyl phosphate	Triphénylphosphate/triphénylphosphate tert-butylé en mélanges contenant 5 % à 10 % de triphénylphosphate,		See Note 1	P
Triphenyl phosphate/tert-butylated triphenyl phosphates mixtures containing 10% to 48% of triphenyl phosphate	Triphénylphosphate/triphénylphosphate tert-butylé en mélanges contenant 10 % à 48 % de triphénylphosphate,		See Note 1	P
Triphenyltin compounds (other than Fentin acetate and Fentin hydroxide) (see ORGANOTIN PESTICIDE)	Composés du triphénylétain, composés du (autres que l'acétate de fentine et l'hydroxyde de fentine) (voir PESTICIDE ORGANOSTANNIQUE)			P
TRIPROPYLAmine	TRIPROPYLAmine	3	UN2260	
TRIPROPYLENE	TRIPROPYLÈNE	3	UN2057	P
TRIS-(1-AZIRIDINYl) PHOSPHINE OXIDE SOLUTION	OXYDE DE TRIS-(AZIRIDINYl-1) PHOSPHINE EN SOLUTION	6.1	UN2501	
TRIS, BIS-BIFLUORAMINO DIETHOXY PROPANE (TVOPA)	TRIS, BIS-FLUOROAMINO DIÉTHOXY PROPANE (TVOPA)	Forbidden		
Tritolyl phosphate	Phosphate de tritolyle	6.1	See UN2574	P
TRITONAL	TRITONAL	1.1D	UN0390	
Trixylenyl phosphate	Phosphate de trixylenyle	9	see UN3082	P
Tropilidene	Tropilidène	3	See UN2603	
TUNGSTEN HEXAFLUORIDE	HEXAFLUORURE DE TUNGSTÈNE	2.3	UN2196	
TURPENTINE	ESSENCE DE TÉRÉBENTHINE	3	UN1299	P
TURPENTINE SUBSTITUTE	SUCCÉDANÉ D'ESSENCE DE TÉRÉBENTHINE	3	UN1300	
UNDECANE	UNDÉCANe	3	UN2330	
URANIUM HEXAFLUORIDE, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, less than 0.1 kg per package, non-fissile or fissile excepted	HEXAFLUORURE D'URANIUM, MATIÈRES RADIOACTIVES, moins de 0,1 kg par colis, non fissiles ou fissiles exceptées, EN COLIS EXCEPTÉ	8	UN3507	
UREA HYDROGEN PEROXIDE	URÉE-PEROXYDE D'HYDROGÈNE	5.1	UN1511	
UREA NITRATE, dry or wetted with less than 20% water, by mass	NITRATE D'URÉE sec ou humidifié avec moins de 20 % (masse) d'eau	1.1D	UN0220	
UREA NITRATE, WETTED with not less than 10% water, by mass	NITRATE D'URÉE HUMIDIFIÉ avec au moins 10 % (masse) d'eau	4.1	UN3370	
UREA NITRATE, WETTED with not less than 20% water, by mass	NITRATE D'URÉE HUMIDIFIÉ avec au moins 20 % (masse) d'eau	4.1	UN1357	
Valeral	Valéral	3	See UN2058	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
VALERALDEHYDE	VALÉRALDÉHYDE	3	UN2058	
<i>n</i> -Valeraldehyde	VALÉRALDÉHYDE	3	See UN2058	
Valeric aldehyde	Aldéhyde valérique	3	See UN2058	
VALERYL CHLORIDE	CHLORURE DE VALÉRYLE	8	UN2502	
VANADIUM COMPOUND, N.O.S.	COMPOSÉ DU VANADIUM, N.S.A.	6.1	UN3285	
Vanadium (IV) oxide sulfate	Oxysulfate de vanadium (IV)	6.1	See UN2931	
Vanadium (IV) oxide sulphate	Oxysulfate de vanadium (IV)	6.1	See UN2931	
Vanadium oxysulfate	Oxysulfate de vanadium (IV)	6.1	See UN2931	
Vanadium oxysulphate	Oxysulfate de vanadium (IV)	6.1	See UN2931	
VANADIUM OXYTRICHLORIDE	OXYTRICHLORURE DE VANADIUM	8	UN2443	
VANADIUM PENTOXIDE, non-fused form	PENTOXIDE DE VANADIUM sous forme non fondue	6.1	UN2862	
VANADIUM TETRACHLORIDE	TÉTRACHLORURE DE VANADIUM	8	UN2444	
VANADIUM TRICHLORIDE	TRICHLORURE DE VANADIUM	8	UN2475	
VANADYL SULFATE	SULFATE DE VANADYLE	6.1	UN2931	
VANADYL SULPHATE	SULFATE DE VANADYLE	6.1	UN2931	
Varnishes	Vernis	3 8	See UN1263 See UN3066	
VEHICLE, FLAMMABLE GAS POWERED	VÉHICULE À PROPULSION PAR GAZ INFLAMMABLE	9	UN3166	
VEHICLE, FLAMMABLE LIQUID POWERED	VÉHICULE À PROPULSION PAR LIQUIDE INFLAMMABLE	9	UN3166	
VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED	VÉHICULE À PROPULSION PAR PILE À COMBUSTIBLE CONTENANT DU GAZ INFLAMMABLE	9	UN3166	
VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED	VÉHICULE À PROPULSION PAR PILE À COMBUSTIBLE CONTENANT DU LIQUIDE INFLAMMABLE	9	UN3166	
Villiaumite	Villiaumite	6.1	See UN1690	
VINYL ACETATE, STABILIZED	ACÉTATE DE VINYLE STABILISÉ	3	UN1301	
Vinylbenzene	Vinylbenzène	3	See UN2055	
VINYL BROMIDE, STABILIZED	BROMURE DE VINYLE STABILISÉ	2.1	UN1085	
Vinyl <i>n</i> -butyl ether, stabilized	Oxyde de butyle et de vinyle (stabilisé)	3	See UN2352	
VINYL BUTYRATE, STABILIZED	BUTYRATE DE VINYLE STABILISÉ	3	UN2838	
VINYL CHLORIDE, STABILIZED	CHLORURE DE VINYLE STABILISÉ	2.1	UN1086	
VINYL CHLOROACETATE	CHLORACÉTATE DE VINYLE	6.1	UN2589	
VINYL ETHYL ETHER, STABILIZED	ÉTHER ÉTHYLVINYLIQUE STABILISÉ	3	UN1302	
VINYL FLUORIDE, STABILIZED	FLUORURE DE VINYLE STABILISÉ	2.1	UN1860	
VINYLDENE CHLORIDE, STABILIZED	CHLORURE DE VINYLDÈNE STABILISÉ	3	UN1303	P
Vinylidene fluoride	Fluorure de vinylidène	2.1	See UN1959	
VINYL ISOBUTYL ETHER, STABILIZED	ÉTHER ISOBUTYLVINYLIQUE STABILISÉ	3	UN1304	
VINYL METHYL ETHER, STABILIZED	ÉTHER MÉTHYLVINYLIQUE STABILISÉ	2.1	UN1087	
VINYL NITRATE POLYMER	NITRATE DE VINYLE, POLYMÈRE DE	Forbidden		
VINYLPYRIDINES, STABILIZED	VINYLPYRIDINES STABILISÉES	6.1	UN3073	
VINYLTOLUENES, STABILIZED	VINYLTOLUÈNES STABILISÉS	3	UN2618	
VINYLTRICHLOROSILANE	VINYLTTRICHLOROSILANE	3	UN1305	
Warfarin (and salts of) (see COUMARIN DERIVATIVE PESTICIDE)	Warfarine (et ses sels) (voir PESTICIDE COUMARINIQUE)			P
Warheads for guided missiles	Têtes militaires pour missiles guidés	1.1D 1.1F 1.2D 1.4D 1.4F	See UN0286 See UN0369 See UN0287 See UN0370 See UN0371	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
WARHEADS, ROCKET with burster or expelling charge	TÊTES MILITAIRES POUR ENGINS AUTOPROPULSÉS avec charge de dispersion ou charge d'expulsion	1.4D 1.4F	UN0370 UN0371	
WARHEADS, ROCKET with bursting charge	TÊTES MILITAIRES POUR ENGINS AUTOPROPULSÉS avec charge d'éclatement	1.1D 1.1F 1.2D	UN0286 UN0369 UN0287	
WARHEADS, TORPEDO with bursting charge	TÊTES MILITAIRES POUR TORPILLES avec charge d'éclatement	1.1D	UN0221	
WATER-REACTIVE LIQUID, N.O.S.	LIQUIDE HYDRORÉACTIF, N.S.A.	4.3	UN3148	
WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	LIQUIDE HYDRORÉACTIF, CORROSIF, N.S.A.	4.3	UN3129	
WATER-REACTIVE LIQUID, TOXIC, N.O.S.	LIQUIDE HYDRORÉACTIF, TOXIQUE, N.S.A.	4.3	UN3130	
WATER-REACTIVE SOLID, N.O.S.	SOLIDE HYDRORÉACTIF, N.S.A.	4.3	UN2813	
WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	SOLIDE HYDRORÉACTIF, CORROSIF, N.S.A.	4.3	UN3131	
WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	SOLIDE HYDRORÉACTIF, INFLAMMABLE, N.S.A.	4.3	UN3132	
WATER-REACTIVE SOLID, OXIDIZING, N.O.S.	SOLIDE HYDRORÉACTIF, COMBURANT, N.S.A.	Forbidden	UN3133	
WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	SOLIDE HYDRORÉACTIF, AUTO-ÉCHAUFFANT, N.S.A.	4.3	UN3135	
WATER-REACTIVE SOLID, TOXIC, N.O.S.	SOLIDE HYDRORÉACTIF, TOXIQUE, N.S.A.	4.3	UN3134	
Waxes	Cirages	3 8	See UN1263 See UN3066	
White arsenic	Arsenic blanc	6.1	See UN1561	
White phosphorus, dry	PHOSPHORE BLANC, SEC	4.2	See UN1381	P
White phosphorus, in solution	PHOSPHORE BLANC, EN SOLUTION	4.2	See UN1381	P
White phosphorus, molten	PHOSPHORE BLANC, FONDU	4.2	See UN2447	P
White phosphorus, under water	PHOSPHORE BLANC, RECOUVERT D'EAU	4.2	See UN1381	P
White spirit	White-spirit	3	See UN1300	P
White spirit, low (15% - 20%) aromatic	White-spirit, à faible teneur en aromatiques (15 % - 20 %)	3	See UN1300	P
WOOD PRESERVATIVES, LIQUID	PRODUITS DE PRÉSERVATION DES BOIS, LIQUIDES	3	UN1306	
Wood tar	Goudron de bois	9	UN3082	P
WOOL WASTE, WET, regulated only when transported by ship	DÉCHETS DE LAINE MOUILLÉES, réglementés seulement lorsqu'ils sont transportés par navire	4.2	UN1387	
XANTHATES	XANTHATES	4.2	UN3342	
XENON	XÉNON	2.2	UN2036	
XENON, REFRIGERATED LIQUID	XÉNON LIQUIDE RÉFRIGÉRÉ	2.2	UN2591	
XYLENES	XYLÈNES	3	UN1307	
XYLENOLS, LIQUID	XYLÉNOLS LIQUIDES	6.1	UN3430	
XYLENOLS, SOLID	XYLÉNOLS SOLIDES	6.1	UN2261	
XYLIDINES, LIQUID	XYLIDINES LIQUIDES	6.1	UN1711	
XYLIDINES, SOLID	XYLIDINES SOLIDES	6.1	UN3452	
Xylols	Xylols	3	See UN1307	
XYLYL BROMIDE, LIQUID	BROMURE DE XYLYLE, LIQUIDE	6.1	UN1701	
XYLYL BROMIDE, SOLID	BROMURE DE XYLYLE, SOLIDE	6.1	UN3417	
p-XYLYL DIAZIDE	DIAZOTURE DE p-XYLYLE	Forbidden		
Yellow phosphorus, dry	PHOSPHORE JAUNE, SEC	4.2	UN1381	P
Yellow phosphorus, in solution	PHOSPHORE JAUNE, EN SOLUTION	4.2	UN1381	P
Yellow phosphorus, under water	PHOSPHORE JAUNE, RECOUVERT D'EAU	4.2	UN1381	P
ZINC AMMONIUM NITRITE	NITRITE DE ZINC AMMONIACAL	5.1	UN1512	
ZINC ARSENATE	ARSÉNIATE DE ZINC	6.1	UN1712	
ZINC ARSENATE AND ZINC ARSENITE MIXTURE	ARSÉNIATE DE ZINC ET ARSÉNITE DE ZINC EN MÉLANGE	6.1	UN1712	
ZINC ARSENITE	ARSÉNITE DE ZINC	6.1	UN1712	

Col. 1A	Col. 1B	Col. 2	Col. 3	Col. 4
Shipping and/or Technical Name	Appellation réglementaire et/ou technique	Primary Class	UN Number	Marine Pollutant
ZINC ASHES	CENDRES DE ZINC	4.3	UN1435	
Zinc bisulfite solution	Bisulfite de zinc en solution	8	See UN2693	
Zinc bisulphite solution	Bisulfite de zinc en solution	8	See UN2693	
ZINC BROMATE	BROMATE DE ZINC	5.1	UN2469	
Zinc bromide	Bromure de zinc	9	See UN3077	P
ZINC CHLORATE	CHLORATE DE ZINC	5.1	UN1513	
ZINC CHLORIDE, ANHYDROUS	CHLORURE DE ZINC ANHYDRE	8	UN2331	P
ZINC CHLORIDE SOLUTION	CHLORURE DE ZINC EN SOLUTION	8	UN1840	P
ZINC CYANIDE	CYANURE DE ZINC	6.1	UN1713	P
ZINC DITHIONITE	DITHIONITE DE ZINC	9	UN1931	
ZINC DUST	ZINC EN POUSSIÈRE	4.3	UN1436	
ZINC FLUOROSILICATE	FLUOROSILICATE DE ZINC	6.1	UN2855	
Zinc hexafluorosilicate	Hexafluorosilicate de zinc	6.1	See UN2855	
ZINC HYDROSULFITE	HYDROSULFITE DE ZINC	9	UN1931	
ZINC HYDROSULPHITE	HYDROSULFITE DE ZINC	9	UN1931	
ZINC NITRATE	NITRATE DE ZINC	5.1	UN1514	
ZINC PERMANGANATE	PERMANGANATE DE ZINC	5.1	UN1515	
ZINC PEROXIDE	PEROXYDE DE ZINC	5.1	UN1516	
ZINC PHOSPHIDE	PHOSPHURE DE ZINC	4.3	UN1714	
ZINC POWDER	ZINC EN POUDRE	4.3	UN1436	
ZINC RESINATE	RÉSINATE DE ZINC	4.1	UN2714	
Zinc selenate	Séléniate de zinc	6.1	See UN2630	
Zinc selenite	Selenite de zinc	6.1	See UN2630	
Zinc silicofluoride	Fluosilicate de zinc	6.1	See UN2855	
ZIRCONIUM, DRY, coiled wire, finished metal sheets, strip (thinner than 254 microns but not thinner than 18 microns)	ZIRCONIUM SEC, sous forme de fils enroulés, de plaques métalliques ou de bandes d'une épaisseur inférieure à 254 microns mais au minimum 18 microns	4.1	UN2858	
ZIRCONIUM, DRY, finished sheets, strip or coiled wire	ZIRCONIUM SEC, sous forme de feuilles, de bandes ou de fils	4.2	UN2009	
ZIRCONIUM HYDRIDE	HYDRURE DE ZIRCONIUM	4.1	UN1437	
ZIRCONIUM NITRATE	NITRATE DE ZIRCONIUM	5.1	UN2728	
ZIRCONIUM PICRAMATE, dry or wetted with less than 20% water, by mass	PICRAMATE DE ZIRCONIUM sec ou humidifié avec moins de 20 % (masse) d'eau	1.3C	UN0236	
ZIRCONIUM PICRAMATE, WETTED with not less than 20% water, by mass	PICRAMATE DE ZIRCONIUM HUMIDIFIÉ avec au moins 20 % (masse) d'eau	4.1	UN1517	
ZIRCONIUM POWDER, DRY	ZIRCONIUM EN POUDRE SEC	4.2	UN2008	
ZIRCONIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns	ZIRCONIUM EN POUDRE HUMIDIFIÉ avec au moins 25 % d'eau (un excès d'eau doit être apparent) : a) produit mécaniquement, d'une granulométrie de moins de 53 microns; b) produit chimiquement, d'une granulométrie de moins de 840 microns	4.1	UN1358	
ZIRCONIUM SCRAP	DÉCHETS DE ZIRCONIUM	4.2	UN1932	
ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID	ZIRCONIUM EN SUSPENSION DANS UN LIQUIDE INFAMMABLE	3	UN1308	
ZIRCONIUM TETRACHLORIDE	TÉTRACHLORURE DE ZIRCONIUM	8	UN2503	