

# SAFETY DATA SHEET

Cadusafos 200CS

SDS # : 6044-1-A

Revision date: 2016-06-01

Version 2.03



## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Cadusafos 200CS  
**Active Ingredient(s)** Cadusafos  
**Chemical Family** Organophosphate Pesticide  
**Synonyms** CADUSAFOS: S,S-di-sec-butyl O-ethyl phosphorodithioate (IUPAC name); O-ethyl S,S-bis(1-methylpropyl) phosphorodithioate (CAS Name)

**Recommended Use:** Insecticide, Nematicide.

### Manufacturer/Supplier

FMC Corporation  
Agricultural Solutions  
2929 Walnut Street  
Philadelphia, PA 19104  
General Information:  
Phone: (215) 299-6000  
E-Mail: msdsinfo@fmc.com

### Emergency telephone number

Medical Emergencies:  
1 800 / 331-3148 (PROSAR - U.S.A. & Canada)  
1 651 / 632-6793 (PROSAR - All Other Countries - Collect)  
For leak, fire, spill or accident emergencies, call:  
1 800 / 424 9300 (CHEMTREC - U.S.A.)  
1 703 / 527 3887 (CHEMTREC - Collect - All Other Countries)  
Responsible/issuing person

Official National Emergency Telephone  
Number or Poison Control Center Number

## 2. HAZARDS IDENTIFICATION

### Classification of the chemical

Aspiration toxicity	Not classified
Acute oral toxicity	Category 4
Acute dermal toxicity	Not classified
Acute inhalation toxicity - gas	Not classified
Acute inhalation toxicity - Vapor	Not classified
Acute inhalation toxicity - dust/mist	Category 4
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Respiratory sensitization	Not classified
Skin sensitization	Not classified
Germ Cell mutagenicity	Not classified
Reproductive toxicity	Not classified
Carcinogenicity	Not classified
Specific target organ systemic toxicity (single exposure)	Category 1
Specific target organ systemic toxicity (repeated exposure)	Category 1
Acute aquatic toxicity	Category 1
Chronic aquatic toxicity	Category 1
Flammable liquids	Category 4

### Labeling

## Symbol(s)



## Signal word:

**DANGER**

## Hazard Statements

H227 - Combustible liquid  
 H302 - Harmful if swallowed  
 H332 - Harmful if inhaled  
 H370 - Causes damage to organs  
 H372 - Causes damage to organs through prolonged or repeated exposure  
 H410 - Very toxic to aquatic life with long lasting effects

## Precautionary statements

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray  
 P264 - Wash face, hands and any exposed skin thoroughly after handling  
 P270 - Do not eat, drink or smoke when using this product  
 P271 - Use only outdoors or in a well-ventilated area  
 P273 - Avoid release to the environment  
 P307 + P311 - IF exposed: Call a POISON CENTER or doctor/ physician  
 P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell  
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 P370 + P378 - In case of fire: Use of foam, carbon dioxide, water spray, or dry powder for extinction.  
 P403 + P235 - Store in a well-ventilated place. Keep cool  
 P405 - Store locked up  
 P501 - Dispose of contents/ container to an approved incineration plant

 Hazards not otherwise classified  
 (HNOC)

## General Hazards

Cadusafos is a cholinesterase-inhibiting pesticide, which elicits symptoms in humans typical of cholinesterase inhibition including headaches, light-headedness, weakness, abdominal cramps, nausea, excessive salivation, perspiration and blurred vision. More severe signs of cholinesterase inhibition include tearing, pin-point pupils, excessive respiratory secretions, cyanosis, convulsions, generalized tremor and coma. Excessive cholinesterase inhibition can result in death. Reduction of blood acetylcholinesterase levels can occur without symptoms of toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Weight %	ENCS (Japan)	ISHL No	CAS-No
2-Methylnaphthalene	1-5			91-57-6
Cadusafos	20.6			95465-99-9
Inert Ingredients	0.3705			-
Xanthan Gum	0.11	X		11138-66-2
Silica, amorphous, fumed	0.00624	X		112945-52-5
sodium acetate	0.0034	X		127-09-3
Sodium Hydroxide	0.002	X		1310-73-2
Methylene diphenyl diisocyanate (polymeric)	5-10	X		9016-87-9
1,6-hexanediamine (70%)	1-5	X		124-09-4
Copper naphthenate	0.3128	X		1338-02-9
FD&C yellow 5	0.0024	X		1934-21-0
Dipropylene glycol	0.011	X		25265-71-8
1,2 benzisothiazolin-3-one	0.004	X		2634-33-5
FD & C Blue No.1	0.0176	X		3844-45-9

Urea	5.194	X		57-13-6
Solvent Blend	0.1472			64742-88-7
Naphtha (petroleum), heavy aromatic	1-5	X		64742-94-5
Methyl alcohol	0.00085	X		67-56-1
Dimethyl silicone polymer with silica	0.00702	X		67762-90-7
Phosphoric acid	1-5	X		7664-38-2
Water	51.38328			7732-18-5
Sodium sulfate	0.0176	X		7757-82-6
Methyl acetate	0.00017	X		79-20-9
1-Methylnaphthalene	1-5	X		90-12-0
Polyvinyl Alcohol	0.2125	X		9002-89-5
Methyl cellulose	0.00624	X		9004-67-5
Naphthalene sulfonic acid-formaldehyde condensate, sodium salt	0.8052	X		9084-06-4
Naphthalene	0.07992	X		91-20-3
Proprietary	1.5645			PROPRIETARY

## 4. FIRST AID MEASURES

<b>Eye Contact</b>	Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for further treatment advice.
<b>Skin Contact</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
<b>Inhalation</b>	Move to fresh air. If person is not breathing, contact emergency medical services, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
<b>Ingestion</b>	Call a poison control center or doctor immediately for treatment advice. Drink 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. If swallowed, do not induce vomiting - seek medical advice.
<b>Most important symptoms and effects, both acute and delayed</b>	Symptoms of exposure may include headache, light-headedness, weakness, abdominal cramps, nausea, excessive salivation, perspiration, blurred vision, tearing, pin-point pupils, excessive respiratory secretions, cyanosis, convulsions, generalized tremor and coma.
<b>Indication of immediate medical attention and special treatment needed, if necessary</b>	This product contains a reversible cholinesterase inhibitor. Atropine sulfate is antidotal. Support respiration as needed with removal of secretions, maintenance of a patent airway and, if necessary, artificial ventilation. If cyanosis is absent: Adults - start treatment by giving 2 mg atropine intravenously or intramuscularly, if necessary, and repeat with 0.4 - 2.0 mg atropine at 15 minute intervals until atropinization occurs (tachycardia, flushed skin, dry mouth, mydriasis); Children under 12 - initial dose = 0.05 mg/kg body weight and repeat dose = 0.02 - 0.05 mg/kg body weight. Start 2-PAM at the same time, following manufacturer's recommended dosages and administration. Morphine, reserpine, phenothiazines and theophylline are probably contraindicated. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Observe patient to ensure that these symptoms do not recur as atropinization wears off. If in eyes, instill one drop of homatropine. Treatment is otherwise controlled removal of exposure followed by symptomatic and supportive care.

## 5. FIRE-FIGHTING MEASURES

<b>Flammable properties</b>	Combustible liquid.
<b>Suitable Extinguishing Media</b>	Foam. Carbon dioxide (CO <sub>2</sub> ). Dry powder. Water spray.
<b>Protective equipment and precautions for firefighters</b>	Wear self-contained breathing apparatus and protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Isolate and post spill area. Remove all sources of ignition. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8.
<b>Environmental Precautions</b>	Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.
<b>Methods for Containment</b>	Dike to prevent runoff. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
<b>Methods for cleaning up</b>	Clean and neutralize spill area, tools and equipment by washing with bleach water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13.
<b>Other</b>	For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.
<b>Storage</b>	Keep in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children and animals. Keep/store only in original container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical name	Japan	ACGIH TLV	China	Korea
Sodium Hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>
1,6-hexanediamine (70%) 124-09-4		TWA: 0.5 ppm		
Copper naphthenate 1338-02-9		TWA: 1 mg/m <sup>3</sup>		
Urea 57-13-6			TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	
Methyl alcohol 67-56-1	OEL: 200 ppm OEL: 260 mg/m <sup>3</sup> S* ISHL/ACL: 200 ppm	STEL 250 ppm TWA: 200 ppm	TWA: 25 mg/m <sup>3</sup> STEL: 50 mg/m <sup>3</sup> S*	S* STEL: 250 ppm STEL: 310 mg/m <sup>3</sup> TWA: 200 ppm TWA: 260 mg/m <sup>3</sup>
Phosphoric acid 7664-38-2	OEL: 1 mg/m <sup>3</sup>	STEL 3 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	STEL: 3 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>
Methyl acetate 79-20-9	OEL: 200 ppm OEL: 610 mg/m <sup>3</sup> ISHL/ACL: 200 ppm	STEL 250 ppm TWA: 200 ppm	TWA: 200 mg/m <sup>3</sup> STEL: 500 mg/m <sup>3</sup>	STEL: 250 ppm STEL: 760 mg/m <sup>3</sup> TWA: 200 ppm TWA: 610 mg/m <sup>3</sup>
1-Methylnaphthalene 90-12-0		TWA: 0.5 ppm		
Naphthalene 91-20-3	C2B ISHL/ACL: 10 ppm	TWA: 10 ppm	TWA: 50 mg/m <sup>3</sup> STEL: 75 mg/m <sup>3</sup> S* C1 C3	S* STEL: 15 ppm STEL: 75 mg/m <sup>3</sup> TWA: 10 ppm TWA: 50 mg/m <sup>3</sup>
Chemical name	Taiwan	Indonesia	Australia	India
Sodium Hydroxide 1310-73-2	STEL 4 mg/m <sup>3</sup>	Ceiling 2 mg/m <sup>3</sup>	Peak 2 mg/m <sup>3</sup>	Ceiling 2 mg/m <sup>3</sup>
1,6-hexanediamine (70%) 124-09-4		TWA 0.5 ppm		
Methyl alcohol 67-56-1	S* STEL 250 ppm STEL 327.5 mg/m <sup>3</sup>	TWA 200 ppm STEL 250 ppm	Sk* STEL 250 ppm STEL 328 mg/m <sup>3</sup> TWA 200 ppm TWA 262 mg/m <sup>3</sup>	TWA 200 ppm TWA 260 mg/m <sup>3</sup> STEL 250 ppm STEL 310 mg/m <sup>3</sup> Skin*
Phosphoric acid	STEL 2 mg/m <sup>3</sup>	TWA 1 mg/m <sup>3</sup>	STEL 3 mg/m <sup>3</sup>	TWA 1 mg/m <sup>3</sup>

7664-38-2		S* STEL 3 mg/m <sup>3</sup>	TWA 1 mg/m <sup>3</sup>	STEL 3 mg/m <sup>3</sup>
Methyl acetate 79-20-9	STEL 250 ppm STEL 757.5 mg/m <sup>3</sup>	TWA 200 ppm STEL 250 ppm	STEL 250 ppm STEL 757 mg/m <sup>3</sup> TWA 200 ppm TWA 606 mg/m <sup>3</sup>	
Naphthalene 91-20-3	STEL 15 ppm STEL 78 mg/m <sup>3</sup>	TWA 10 ppm STEL 15 ppm	STEL 15 ppm STEL 79 mg/m <sup>3</sup> TWA 10 ppm TWA 52 mg/m <sup>3</sup>	TWA 10 ppm TWA 50 mg/m <sup>3</sup> STEL 15 ppm STEL 75 mg/m <sup>3</sup>

**Occupational exposure controls****Engineering measures**

Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

**Personal protective equipment****General information**

If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.

**Respiratory Protection**

For dust, splash, mist or spray exposures wear a filtering mask.

**Eye/Face Protection**

For dust, splash, mist or spray exposure, wear chemical protective goggles.

**Skin and Body Protection**

Wear long-sleeved shirt, long pants, socks, shoes.

**Hand Protection**

Protective gloves should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Remove and wash contaminated clothing before re-use. Launder work clothing separately from regular household laundry.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Suspension
Odor	Slight mercaptan
Physical State	Liquid
pH	7.4-7.9
Flash point	89-92 °C / 192-198 °F Tag Closed Cup
Autoignition temperature	No data available
Boiling Point/Range	No data available
Melting Point/Range	No data available
Flammability Limits in Air	
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Explosion limits	
Upper	No data available
Lower	No data available
Explosive properties	No information available
Oxidizing properties	No information available
Evaporation Rate	No data available
Vapor density	No data available
Specific gravity	1.05 - 1.07
Bulk Density	8.75 - 8.91 lb/gal
solubility	No information available

Partition coefficient	No data available
Viscosity, dynamic	No information available

## 10. STABILITY AND REACTIVITY

Stability	Stable.
Hazardous reactions	None under normal processing.
Conditions to Avoid	Keep away from open flames, hot surfaces and sources of ignition.
Incompatible products	None known.
Hazardous Decomposition Products	Carbon oxides (COx), Phosphorous oxides, Sulfur dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Cadusafos is a cholinesterase-inhibiting pesticide, which elicits symptoms in humans typical of cholinesterase inhibition including headaches, light-headedness, weakness, abdominal cramps, nausea, excessive salivation, perspiration and blurred vision. More severe signs of cholinesterase inhibition include tearing, pin-point pupils, excessive respiratory secretions, cyanosis, convulsions, generalized tremor and coma. Excessive cholinesterase inhibition can result in death. Reduction of blood acetylcholinesterase levels can occur without symptoms of toxicity.

Skin Contact	Slightly or non-irritating (rabbit).
Eye Contact	Slightly or non-irritating (rabbit).

LD50 Dermal	> 5000 mg/kg (rat)
LD50 Oral	1,097 mg/kg (rat)
LC50 Inhalation	> 3.87 mg/L 4 hr (rat)

Sensitization	Non-sensitizer
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### Chronic toxicity

Chronic toxicity	Prolonged exposure caused inhibition of red blood cell and brain cholinesterase, and decreased motor activity.
Neurological effects	Cadusafos: Chronic exposure to animals caused decreased motor activity and decreased cholinesterase activity in brain, red blood cells and plasma.
Target organ effects	Central Nervous System (CNS). Peripheral Nervous System (PNS). Acetylcholinesterase Inhibition.
Carcinogenicity	Cadusafos: No evidence of carcinogenicity from animal studies.
Mutagenicity	Cadusafos: Not genotoxic in animal studies
Reproductive toxicity	Cadusafos: No toxicity to reproduction in animal studies.
Developmental toxicity	Cadusafos: Not teratogenic in animal studies.

Chemical name	IARC
Silica, amorphous, fumed	Group 3
Copper naphthenate	Group 2A
FD & C Blue No.1	Group 3
Polyvinyl Alcohol	Group 3
Methylene diphenyl diisocyanate (polymeric)	Group 3
Naphthalene	Group 2B
Cadusafos	Group 2A

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Cadusafos (95465-99-9)				
Active Ingredient(s)	Duration	Species	Value	Units

Cadusafos	48 h EC50	Crustacea	1.6	µg/L
	96 h LC50	Fish	0.13	mg/L
	72 h EC50	Algae	4.3	mg/L
	21 d NOEC	Crustacea	0.23	µg/L
	21 d NOEC	Fish	5.2	µg/L
	96 h NOEC	Algae	1.0	mg/L

**Persistence and degradability** Moderately persistent. Does not readily hydrolyze. Not readily biodegradable.

**Bioaccumulation** The substance does not have a potential for bioconcentration.

**Mobility**

Moderately mobile. Has some potential to reach groundwater.

Chemical name	Partition coefficient
1,6-hexanediamine (70%) 124-09-4	0.02
1,2 benzisothiazolin-3-one 2634-33-5	1.3
Urea 57-13-6	-1.59
Naphtha (petroleum), heavy aromatic 64742-94-5	2.9 - 6.1
Methyl alcohol 67-56-1	-0.77
Methyl acetate 79-20-9	0.18
Naphthalene 91-20-3	3.6

**Other Adverse Effects** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal methods** Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance.

**Contaminated Packaging** Do not reuse or refill this container. Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions.

## 14. TRANSPORT INFORMATION

**Packaging Type** Bulk

**DOT**

This material is a Combustible liquid and is, therefore, not subject to the hazardous materials regulations when in non-bulk packages shipped within the USA per 49 CFR §173.150(f)(2).

UN/ID no NA1993  
 Proper Shipping Name Combustible liquid, n.o.s  
 Hazard class Combustible  
 Packing Group III  
 Description NA1993, Combustible liquid, n.o.s. (aromatic hydrocarbons), PGIII

**TDG**

The "Marine Pollutant" marking is only applicable when shipped by vessel, and is not applicable when shipped only by road or rail in Canada.

UN/ID no UN3082  
 Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s.  
 Hazard class 9  
 Packing Group III  
 Marine Pollutant Cadusafos.  
 Description UN3082 Environmentally hazardous substance, liquid, n.o.s. (Cadusafos), 9, PG III, Marine Pollutant

**IMDG/IMO**

<b>UN/ID no</b>	UN3082
<b>Proper Shipping Name</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>Hazard class</b>	9
<b>Packing Group</b>	III
<b>Marine Pollutant</b>	Cadusafos
<b>EmS No.</b>	F-A, S-F
<b>Description</b>	UN3082 Environmentally hazardous substance, liquid, n.o.s. (Cadusafos), 9, PG III, Marine Pollutant

**ICAO/IATA**

<b>UN/ID no</b>	UN3082
<b>Proper Shipping Name</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>Hazard class</b>	9
<b>Packing Group</b>	III
<b>Marine Pollutant</b>	Cadusafos
<b>Description</b>	UN3082 Environmentally hazardous substance, liquid, n.o.s. (Cadusafos), 9, PG III, Marine Pollutant

## 15. REGULATORY INFORMATION

**International Inventories**

Chemical name	TSCA (United States)	DSL (Canada)	EINECS/ELI NCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)	NZIoC (New Zealand)
Cadusafos 95465-99-9	-	-	-	-	-	X	-	-	-
Xanthan Gum 11138-66-2	X	X	X	X	X	X	X	X	X
Silica, amorphous, fumed 112945-52-5	-	X	-	X	X	X	X	X	X
sodium acetate 127-09-3	X	X	X	X	X	X	X	X	X
Sodium Hydroxide 1310-73-2	X	X	X	X	X	X	X	X	X
Methylene diphenyl diisocyanate (polymeric) 9016-87-9	X	X	-	X	X	X	X	X	X
1,6-hexanediamine (70%) 124-09-4	X	X	X	X	X	X	X	X	X
Copper naphthenate 1338-02-9	X	X	X	X	X	X	X	X	X
FD&C yellow 5 1934-21-0	X	X	X	X	X	X	X	X	X
Dipropylene glycol 25265-71-8	X	X	X	X	X	X	X	X	X
1,2 benzothiazolin-3-one 2634-33-5	X	X	X	X	X	X	X	X	X
FD & C Blue No.1 3844-45-9	X	X	X	X	X	X	X	X	X
Urea 57-13-6	X	X	X	X	X	X	X	X	X
Solvent Blend 64742-88-7	X	X	X	-	X	X	X	X	X
Naphtha (petroleum), heavy aromatic 64742-94-5	X	X	X	X	X	X	X	X	X
Methyl alcohol 67-56-1	X	X	X	X	X	X	X	X	X



Dimethyl silicone polymer with silica 67762-90-7	X	X	-	X	X	X	X	X	X
Phosphoric acid 7664-38-2	X	X	X	X	X	X	X	X	X
Water 7732-18-5	X	X	X	-	X	X	X	X	X
Sodium sulfate 7757-82-6	X	X	X	X	X	X	X	X	X
Methyl acetate 79-20-9	X	X	X	X	X	X	X	X	X
1-Methylnaphthalene 90-12-0	X	X	X	X	X	-	X	X	X
Polyvinyl Alcohol 9002-89-5	X	X	-	X	X	X	X	X	X
Methyl cellulose 9004-67-5	X	X	-	X	X	X	X	X	X
Naphthalene sulfonic acid-formaldehyde condensate, sodium salt 9084-06-4	X	X	-	X	X	X	X	X	X
Naphthalene 91-20-3	X	X	X	X	X	X	X	X	X

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

### Japan

Chemical name	Dangerous Substances	organic solvents	Harmful Substances Whose Names Are to be Indicated on the Label	Pollution Release and Transfer Registry (Class II):	Pollution Release and Transfer Registry (Class I):	Poisonous and Deleterious Substances Control Law
Cadusafos	Not applicable	Not applicable	Not applicable		331	Poisonous-X Deleterious -X
Silica, amorphous, fumed	>=0.1 %	Not applicable	X			
Sodium Hydroxide	>=1 %	Not applicable	X			Deleterious -X
1,6-hexanediamine (70%)	>=0.1 %	Not applicable	X		390	Deleterious -X
Copper naphthenate	>=0.1 %	Not applicable	X			
Solvent Blend	Flammable substance >=1 %	Class 3 Organic Solvent	X			
Methyl alcohol	Flammable substance >=0.1 %	Class 2 Organic Solvent	X			Deleterious -X
Phosphoric acid	>=1 %	Not applicable	X			
Methyl acetate	Flammable substance >=1 %	Class 2 Organic Solvent	X			
1-Methylnaphthalene	Not applicable	Not applicable	Not applicable		438	
Naphthalene	>=0.1 %	Not applicable	X		302	
Chemical name	ISHA - Harmful Substances Prohibited for Manufacturing, Importing, Transferring, or Supplying	ISHA - Harmful Substances Requiring Permission	ISHA - Toxic Chemicals Control Law	Toxic Release Inventory Chemicals - Group 1	Toxic Release Inventory Chemicals - Group 2	
Cadusafos	Not applicable	Not applicable	97-1-249 *	Not applicable	Not applicable	
Sodium Hydroxide	Not applicable	Not applicable	97-1-136 *	Not applicable	>=1.0 %	
Methyl alcohol	Not applicable	Not applicable	97-1-80 *	Not applicable	>=1.0 %	
Naphthalene	Not applicable	Not applicable	Not applicable	Not applicable	>=0.1 %	

**16. OTHER INFORMATION**

Revision date: 2016-06-01

Reason for revision: (M)SDS sections updated.

**Disclaimer**

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**Prepared By:**

FMC Corporation

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**End of Safety Data Sheet**