



# SAFETY DATA SHEET

United States

## Section 1. Identification

Product name

**Custom lyophilised product - Antibiotics**

Catalogue Number

28990028



Other means of identification

Not available.

Product type

Solid.

### Relevant identified uses of the substance or mixture and uses advised against

#### Identified uses

Use in laboratories  
Analytical chemistry.  
Scientific research and development

Supplier

Cytiva  
Amersham Place  
Little Chalfont  
Buckinghamshire  
HP7 9NA United Kingdom  
+44 1494 508000

Cytiva USA  
100 Results Way  
Marlborough, MA 01752  
1-800-526-3593

In case of emergency

INFOTRAC - 24 Hour number: 1-800-535-5053  
Outside of the United States, call 24 Hour number: 001-352-323-3500 (Call Collect)

## Section 2. Hazards identification

OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture

TOXIC TO REPRODUCTION - Category 1B

Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 69%

### GHS label elements

Hazard pictograms



Signal word

Danger

Hazard statements

May damage fertility or the unborn child.

### Precautionary statements

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear protective clothing: Recommended: lab coat. Wear eye or face protection.

Response

IF exposed or concerned: Get medical advice or attention.

Storage

Store locked up.

Disposal

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified

None known.

Hazards identified when used

No known significant effects or critical hazards.



### Section 3. Composition/information on ingredients

**Substance/mixture** Mixture

**Other means of identification** Not available.

Ingredient name	Synonyms	%	Identifiers
disodium tetraborate decahydrate	borax decahydrate; Borax; Sodium tetraborate, decahydrate; Borates, tetra, sodium salts, Decahydrate; BORATES, TETRA, SODIUM SALTS DECAHYDRATE; Sodium Tetraborate Decahydrate; Sodium borate decahydrate; Borates, tetra, sodium salts (decahydrate); Borates, tetra, sodium salts: Decahydrate; disodium tetraborate decahydrate, other than natural borate of heading N° 2528; borax; borax decahydrate; sodium tetraborate decahydrate; sodium diborate decahydrate; sodium pyroborate decahydrate; E 285	≥1 - ≤5	CAS: 1303-96-4
boric acid	Boric acid (H <sub>3</sub> BO <sub>3</sub> ); Orthoboric acid; boric acid, other than natural boric acid of heading N° 2528; boric acid, crude natural, containing not more than 85 per cent of H <sub>3</sub> BO <sub>3</sub> calculated on the dry weight; product consisting of ammonium nitrate, magnesium nitrate, mixture of diammonium phosphate and ammonium sulphate and boric acid; E 284; boracic acid; orthoboric acid; borofax; TRIHYDROXYBORANE; BORON TRIHYDROXIDE; Boracic acid; trioxoboric acid; Trihydroxidoboron	≥1 - ≤5	CAS: 10043-35-3
sodium formate	Formic acid, sodium salt (1:1); Formic acid, sodium salt; Formic acid sodium salt; Formic acid salt (K,Na,Ca,Li,Mg, Al); FORMATE, SODIUM	≥0.5 - ≤1.5	CAS: 141-53-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

### Section 4. First aid measures

#### Description of necessary first aid measures

<b>Eye contact</b>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Skin contact</b>	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>Ingestion</b>	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

<b>Eye contact</b>	No known significant effects or critical hazards.
<b>Inhalation</b>	No known significant effects or critical hazards.



<b>Skin contact</b>	No known significant effects or critical hazards.
<b>Ingestion</b>	No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

<b>Eye contact</b>	No specific data.
<b>Inhalation</b>	Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
<b>Skin contact</b>	Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
<b>Ingestion</b>	Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations

**Indication of immediate medical attention and special treatment needed, if necessary**

<b>Notes to physician</b>	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments</b>	No specific treatment.
<b>Protection of first-aiders</b>	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

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**Section 5. Fire-fighting measures****Extinguishing media**

<b>Suitable extinguishing media</b>	Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	No specific fire or explosion hazard.
<b>Hazardous thermal decomposition products</b>	Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds metal oxide/oxides
<b>Special protective actions for fire-fighters</b>	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
<b>Special protective equipment for fire-fighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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**Section 6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

<b>For non-emergency personnel</b>	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
<b>For emergency responders</b>	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
<b>Environmental precautions</b>	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up**

<b>Small spill</b>	Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.
<b>Large spill</b>	Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.

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Section 7. Handling and storage

Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	Store between the following temperatures: 18 to 25°C (64.4 to 77°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
disodium tetraborate decahydrate	<b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 5 mg/m³. <b>CAL OSHA PEL (United States, 1/2025) [borates, tetra, sodium salts, decahydrate]</b> TWA 8 hours: 5 mg/m³. <b>OSHA PEL 1989 (United States, 3/1989)</b> TWA 8 hours: 10 mg/m³. <b>ACGIH TLV (United States, 1/2024) [Borate compounds, Inorganic] A4.</b> TWA 8 hours: 2 mg/m³. Form: Inhalable fraction. STEL 15 minutes: 6 mg/m³. Form: Inhalable fraction.
boric acid	<b>ACGIH TLV (United States, 1/2024) [Borate compounds, Inorganic] A4.</b> TWA 8 hours: 2 mg/m³. Form: Inhalable fraction. STEL 15 minutes: 6 mg/m³. Form: Inhalable fraction.
sodium formate	None.


Biological exposure indices

No exposure indices known.

Appropriate engineering controls	If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection	
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

<b>Body protection</b>	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: lab coat
<b>Other skin protection</b>	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
<b>Respiratory protection</b>	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: A respirator is not needed under normal and intended conditions of product use.
<b>Personal protective equipment (Pictograms)</b>	

## Section 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Solid.
<b>Color</b>	Not available.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	8
<b>Melting point/freezing point</b>	Not available.
<b>Boiling point or initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not applicable.
<b>Burning time</b>	Not available.
<b>Burning rate</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability</b>	Not available.
<b>Lower and upper explosive (flammable) limits</b>	Not applicable.
<b>Vapor pressure</b>	Not available.
<b>Relative vapor density</b>	Not applicable.
<b>Relative density</b>	Not available.
<b>Solubility in water</b>	Not available.
<b>Partition coefficient: n-octanol/ water</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition temperature</b>	Not available.
<b>SADT</b>	Not available.
<b>Viscosity</b>	Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): Not available.
<b>Flow time (ISO 2431)</b>	Not available.

### Particle characteristics

<b>Median particle size</b>	Not available.
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## Section 10. Stability and reactivity

<b>Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	The product is stable.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	No specific data.
<b>Incompatible materials</b>	No specific data.
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.



Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result
disodium tetraborate decahydrate	<b>Rat - Oral - LD50</b> 4500 mg/kg
	<b>Rabbit - Dermal - LD50</b> >2000 mg/kg
	<b>Rat - Oral - LD50</b> 2660 mg/kg
	<b>Rat - Inhalation - LC50 Vapor</b> >2 g/m³ [4 hours]
boric acid	<b>Rat - Oral - LD50</b> 2660 mg/kg
sodium formate	<b>Rat - Inhalation - LC50 Dusts and mists</b> 670 mg/m³ [4 hours]

Conclusion/Summary [Product]	Not available.
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Skin corrosion/irritation

Not available.	
Conclusion/Summary [Product]	Not available.

Serious eye damage/eye irritation

Not available.	
Conclusion/Summary [Product]	Not available.

Respiratory corrosion/irritation

Not available.	
Conclusion/Summary [Product]	Not available.

Respiratory or skin sensitization

Not available.	
Skin	
Conclusion/Summary [Product]	Not available.

Respiratory	
Conclusion/Summary [Product]	Not available.

Germ cell mutagenicity

Not available.	
Conclusion/Summary [Product]	Not available.

Carcinogenicity

Not available.	
Conclusion/Summary [Product]	Not available.

**Reproductive toxicity**

Not available.

<b>Conclusion/Summary [Product]</b>	Not available.
<b>Ingredient name</b>	<b>Conclusion/Summary</b>
boric acid	Reproductive toxin

**Specific target organ toxicity (single exposure)**

Not available.

**Specific target organ toxicity (repeated exposure)**

Not available.

**Aspiration hazard**

Not available.

**Information on the likely routes of exposure** Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

**Potential acute health effects**

<b>Eye contact</b>	No known significant effects or critical hazards.
<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Skin contact</b>	No known significant effects or critical hazards.
<b>Ingestion</b>	No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Eye contact</b>	No specific data.
<b>Inhalation</b>	Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
<b>Skin contact</b>	Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
<b>Ingestion</b>	Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations

**Delayed and immediate effects and also chronic effects from short and long term exposure****Short term exposure**

<b>Potential immediate effects</b>	Not available.
<b>Potential delayed effects</b>	Not available.

**Long term exposure**

<b>Potential immediate effects</b>	Not available.
<b>Potential delayed effects</b>	Not available.

**Potential chronic health effects**

Not available.

<b>Conclusion/Summary [Product]</b>	Not available.
<b>General</b>	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	No known significant effects or critical hazards.
<b>Mutagenicity</b>	No known significant effects or critical hazards.
<b>Reproductive toxicity</b>	May damage fertility or the unborn child.

**Numerical measures of toxicity****Acute toxicity estimates**

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Custom lyophilised product - Antibiotics	21280.0	35000	N/A	43.5	19.4
disodium tetraborate decahydrate	2660	2500	N/A	3	N/A
boric acid	2660	N/A	N/A	N/A	N/A
sodium formate	N/A	N/A	N/A	N/A	0.67

Section 12. Ecological information

Toxicity

Product/ingredient name	Result
disodium tetraborate decahydrate	<b>Acute - LC50</b> Fish - <i>Salmo trutta</i> 27 mg/l [27 hours] <b>Acute - EC50</b> Daphnia 141 mg/l [48 hours]
boric acid	<b>Chronic - NOEC - Fresh water</b> Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i> 2100 µg/l [87 days] Effect: Mortality <b>Chronic - NOEC - Fresh water</b> Daphnia - Water flea - <i>Daphnia magna</i> Age: <24 hours 6000 µg/l [21 days] Effect: Reproduction <b>Acute - LC50 - Fresh water</b> US EPA Crustaceans - Water flea - <i>Ceriodaphnia dubia</i> Age: <24 hours 45.5 mg/l [48 hours] Effect: Mortality <b>Acute - LC50 - Marine water</b> OECD Fish - Red sea bream - <i>Pagrus major</i> Weight: 0.6 g 75 mg/l [96 hours] Effect: Mortality
sodium formate	<b>Acute - LC50 - Fresh water</b> Fish - Fathead minnow - <i>Pimephales promelas</i> 2300 mg/l [96 hours] Effect: Mortality <b>Acute - LC50 - Fresh water</b> Crustaceans - Water flea - <i>Ceriodaphnia dubia</i> 1400 mg/l [48 hours] Effect: Mortality
Conclusion/Summary [Product]	Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
boric acid	-1.09	-	Low
sodium formate	-2.3	-	Low

Mobility in soil

Soil/Water partition coefficient	Not available.
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Other adverse effects	No known significant effects or critical hazards.
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## Section 13. Disposal considerations

### Disposal methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

Product is not regulated as dangerous goods for transport.

## Section 15. Regulatory information

### U.S. Federal regulations

TSCA 5(a)2 final significant new use rules: pentamethylenediamine

TSCA 8(a) CDR Exempt/Partial exemption: Not determined

### TSCA 12(b) - Chemical export notification

Not applicable.

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	Not listed
Clean Air Act Section 602 Class I Substances	Not listed
Clean Air Act Section 602 Class II Substances	Not listed
DEA List I Chemicals (Precursor Chemicals)	Not listed
DEA List II Chemicals (Essential Chemicals)	Not listed

### SARA 302/304

#### Composition/information on ingredients

No products were found.

SARA 304 RQ Not applicable.

### SARA 311/312

Classification TOXIC TO REPRODUCTION - Category 1B

#### Composition/information on ingredients

Name	%	Classification
disodium tetraborate decahydrate	2	ACUTE TOXICITY (inhalation) - Category 3 TOXIC TO REPRODUCTION - Category 1B
boric acid	2	TOXIC TO REPRODUCTION - Category 1B
sodium formate	1	ACUTE TOXICITY (inhalation) - Category 3

### State regulations

Massachusetts	The following components are listed: BORAX; SUCROSE DUST
New York	None of the components are listed.
New Jersey	The following components are listed: BORATE COMPOUNDS, Inorganic; BORATE COMPOUNDS, Inorganic
Pennsylvania	The following components are listed: BORAX; .ALPHA.-D-GLUCOPYRANOSIDE, .BETA.-D-FRUCTOFURANOSYL

### California Prop. 65



**WARNING:** This product can expose you to chemicals including Doxycycline hyclate and Rifampin, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Ingredient name	No significant risk level	Maximum acceptable dosage level
Doxycycline hyclate	-	-
Rifampin	-	-

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants



Not listed.

**Rotterdam Convention on Prior Informed Consent (PIC)**

Not listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

**Inventory list**

United States	Not determined.
Canada inventory	Not determined.

Section 16. Other information

**National Fire Protection Association (U.S.A.)**



**Procedure used to derive the classification**

Classification	Justification
TOXIC TO REPRODUCTION - Category 1B	Calculation method

**History**

Date of printing	2/16/2026
Date of issue/Date of revision	2/16/2026
Date of previous issue	4/29/2024
Version	2.02
	sds_author@cytiva.com

**Key to abbreviations**

- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- N/A = Not available
- UN = United Nations

**References**

Not available.

Indicates information that has changed from previously issued version.

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.