

# Cooling Fluid

## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Product name** : Cooling Fluid  
**Product code** : 60066465  
**Product type** : Liquid.

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

**Identified uses** : PROC15 Laboratory use. Industrial use of quality control.  
**FOSS equipment** : NIRS™ DS2500, NIRS™ DS2500 F, NIRS™ DS2500 L, NIRS™ DS3, NIRS™ DS3 F

#### 1.3 Details of the supplier of the safety data sheet

**Company details** : FOSS Analytical A/S  
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Ph.: +45 7010 3370  
  
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[Anu.koiv@ordioreesti.ee](mailto:Anu.koiv@ordioreesti.ee)

#### 1.4 Emergency telephone number

##### National advisory body/Poison Center

**Telephone number** : Estonia  
Mürgistusteabekeskuse  
Tel: 16662 (24/7)  
E-post: [info@16662.ee](mailto:info@16662.ee)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Repr. 1B, H360D

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazardous ingredients** : sodium 2-ethylhexanoate

**Hazard statements** : H360D - May damage the unborn child.

#### Precautionary statements

**Prevention** : P201 - Obtain special instructions before use.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection.

**Response** : P308 + P313 - IF exposed or concerned: Get medical advice or attention.

**Storage** : Not applicable.

**Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Supplemental label elements** : Not applicable.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Restricted to professional users.

#### Label elements - Mixture ≤ 125 ml

**Hazard pictograms** :



**Signal word** : Danger

**Hazardous ingredients** : sodium 2-ethylhexanoate

**Hazard statements** : H360 - May damage fertility or the unborn child.

#### Precautionary statements

**Prevention** : P201 - Obtain special instructions before use.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection.

**Response** : P308 + P313 - IF exposed or concerned: Get medical advice or attention.

**Storage** : Not applicable.

**Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Supplemental label elements** : Not applicable.

### Label elements - Mixture ≤ 10 ml

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : Exempted according to 1.5.2.4. (CLP)

**Precautionary statements** : Exempted according to 1.5.2.4. (CLP)

### **2.3 Other hazards**

**Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII**

: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other hazards which do not result in classification** : None known.

## **SECTION 3: Composition/information on ingredients**

### **3.2 Mixtures**

**Product type** : Mixture

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Type
sodium 2-ethylhexanoate	EC: 243-283-8 CAS: 19766-89-3	≤3	Repr. 1B, H360D (oral)	-	[1]
methyl-1H-benzotriazole	EC: 249-596-6 CAS: 29385-43-1	<1	Acute Tox. 4, H302 Repr. 2, H361d (oral) Aquatic Chronic 2, H411 <b>See Section 16 for the full text of the H statements declared above.</b>	ATE [Oral] = 675 mg/kg	[1]

### Type

[1] Substance classified with a health or environmental hazard

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

### Substances of very high concern

None of the components are listed.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**Eye contact** : 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.

**Inhalation** : 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.

**Skin contact** : 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.

**Ingestion** : 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.

**Protection of first-aiders** : 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.

### 4.2 Most important symptoms and effects, both acute and delayed

#### Over-exposure signs/symptoms

**Eye contact** : No specific data.

**Inhalation** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

**Skin contact** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

**Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### 4.3 Indication of any immediate medical attention and special treatment needed

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

### 5.2 Special hazards arising from the substance or mixture

**Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous combustion products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

### 5.3 Advice for firefighters

**Special protective actions for fire-fighters** : 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.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : 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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : 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".

### 6.2 Environmental precautions

**Environmental exposure controls** : 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).

### 6.3 Methods and materials for containment and cleaning up

**Spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

### 6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 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. Avoid breathing vapor or mist. 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.

### 7.2 Conditions for safe storage, including any incompatibilities

**Conditions for safe storage** : 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 below: 25°C (77°F). 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. Store in accordance with local regulations.

### 7.3 Specific end use(s)

**Recommendations** : Not available.

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

### 8.1 Control parameters

#### Occupational exposure limits

No exposure limit value known.

#### Biological exposure indices

No exposure indices known.

#### DNELs/DMELs

Product/ingredient name	Type	Exposure	Value	Population	Effects
sodium 2-ethylhexanoate	DNEL	Long term Oral	1 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	1 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	2 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	3.5 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	14 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Oral	0.01 mg/kg bw/day	General population	Systemic
methyl-1H-benzotriazole	DNEL	Long term Dermal	0.01 mg/kg bw/day	General population	Systemic

	DNEL	Long term Dermal	0.3 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	350 µg/m³	General population	Systemic
	DNEL	Long term Inhalation	21.2 mg/m³	Workers	Systemic

**PNECs**

No PNECs available.

**8.2 Exposure controls****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.

**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**

- : Wear tight-fitting goggles or face shield. Use eye protection according to EN 166, designed to protect against liquid splashes.

**Hand protection**

- : Wear gloves according to EN374 resistant to the solvent(s) in use. Recommended: Nitrile gloves. It has not been possible to find data for the penetration time, so it must be recommended that gloves are replaced when the substance has spilled onto gloves.

**Body protection**

- : 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.

**Other skin protection**

- : 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.

**Respiratory protection**

- : Self-contained breathing apparatus. or air-fed respirator.

**Environmental exposure controls****Environment**

- : 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.

**SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

**9.1 Information on basic physical and chemical properties****Appearance**

**Physical state** : Liquid. [Fluid.]

**Color** : Not available.

**Odor** : Not available.

**Odor threshold** : Not available.

**Melting point/freezing point** : -32°C

**Initial boiling point and boiling range** : 170°C (338°F)

**Flammability (solid, gas)** : Not applicable.

**Upper/lower flammability or explosive limits** : Not available.

**Flash point** : Closed cup: 103°C (217.4°F)

**Auto-ignition temperature** : Not available.

<b>Decomposition temperature</b>	: Not available.						
<b>pH</b>	: 8.727 [Conc. (% w/w): 100%]						
<b>Viscosity</b>	: Not available.						
<b>Solubility(ies)</b>	: <table border="1"><thead><tr><th>Media</th><th>Result</th></tr></thead><tbody><tr><td>cold water</td><td>Easily soluble</td></tr><tr><td>hot water</td><td>Easily soluble</td></tr></tbody></table>	Media	Result	cold water	Easily soluble	hot water	Easily soluble
Media	Result						
cold water	Easily soluble						
hot water	Easily soluble						
<b>Solubility in water</b>	: Not available.						
<b>Partition coefficient: n-octanol/ water</b>	: Not applicable.						
<b>Vapor pressure</b>	: Not available.						
<b>Evaporation rate</b>	: Not available.						
<b>Relative density</b>	: Not available.						
<b>Density</b>	: 1.042 g/cm <sup>3</sup> [20°C (68°F)]						
<b>Vapor density</b>	: Not available.						
<b>Explosive properties</b>	: Not available.						
<b>Oxidizing properties</b>	: Not available.						
<b>Particle characteristics</b>							
<b>Median particle size</b>	: Not applicable.						

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

### 10.2 Chemical stability

**Chemical stability** : Store below: 25°C (77°F).

### 10.3 Possibility of hazardous reactions

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

### 10.4 Conditions to avoid

**Conditions to avoid** : No specific data.

### 10.5 Incompatible materials

**Incompatible materials** : No specific data.

### 10.6 Hazardous decomposition products

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
methyl-1H-benzotriazole	LD50 Oral	Rat	675 mg/kg	-

#### 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)
methyl-1H-benzotriazole	675	N/A	N/A	N/A	N/A

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
methyl-1H-benzotriazole	Eyes - Mild irritant	Rabbit	-	10 mg	-

#### Sensitization

Product/ingredient name	Route of exposure	Species	Result
Not available.			

#### Mutagenicity

Product/ingredient name	Test	Experiment	Result
Not available.			

#### Carcinogenicity

Product/ingredient name	Result	Species	Dose	Exposure
Not available.				

#### Reproductive toxicity

Product/ingredient name	Maternal toxicity	Fertility	Development toxin	Species	Dose	Exposure
Not available.						

#### Teratogenicity

Product/ingredient name	Result	Species	Dose	Exposure
Not available.				

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

Product/ingredient name	Category	Route of exposure	Target organs
Not available.			

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

Product/ingredient name	Category	Route of exposure	Target organs
Not available.			

#### Aspiration hazard

Product/ingredient name	Result
Not available.	

**Information on the likely routes of exposure** : Not available.

### **Potential acute health effects**

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

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

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

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

#### **Long term exposure**

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

#### **Potential chronic health effects**

Product/ingredient name	Result	Species	Dose	Exposure
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 the unborn child.			

## **11.2 Information on other hazards**

### **11.2.1 Endocrine disrupting properties**

Not available.

### **11.2.2 Other information**

Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
methyl-1H-benzotriazole	Acute LC50 102 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia	48 hours
	Acute LC50 38 mg/l Fresh water	Fish - Pimephales promelas	96 hours

### 12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
Not available.				

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Not available.			

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Not available.			

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

**Conclusion/Summary** : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

Not available.

### 12.7 Other adverse effects

No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : 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.

**Hazardous waste** : This material and its container must be disposed of as hazardous waste.

Product waste and emptied containers should be disposed of in accordance with local waste regulations.

#### European waste catalogue (EWC)

##### **Product waste:**

Waste code	Waste designation
16 05 06*	laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals

##### **Packaging waste:**

Waste code	Waste designation
15 01 10	packaging containing residues of or contaminated by hazardous substances
15 01 02	Bottle plastic packaging

## SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.

### 14.6 Special precautions

Special precautions for user	: <b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
Standard transport conditions	: Temperature not critical. Transport max. 14 days.
Conditions for detained goods	: Store below: 25°C (77°F).
Type of packaging	: Bottle
Weight or volume	: 500 mL
Net weight	: 500 g

### 14.7 Maritime transport in bulk according to IMO instruments

Transport in bulk according to IMO instruments	: Not available.
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## SECTION 15: Regulatory information

### 15.1 Product registration

Product registration number	: 4201249
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### 15.2 National regulations

### 15.3 EU Regulation (EC) No. 1907/2006 (REACH)

#### Annex XIV - List of substances subject to authorization

##### Annex XIV

None of the components are listed.

##### Substances of very high concern

None of the components are listed.

**Annex XVII - Restrictions** : Restricted to professional users.  
on the manufacture,  
placing on the market  
and use of certain  
dangerous substances,  
mixtures and articles

**Other EU regulations**

**Industrial emissions** : Not listed

(integrated pollution  
prevention and control) -

Air

**Industrial emissions** : Not listed

(integrated pollution  
prevention and control) -

Water

**Ozone depleting substances (1005/2009/EU)**

Not listed.

**Prior Informed Consent (PIC) (649/2012/EU)**

Not listed.

**Persistent Organic Pollutants**

Not listed.

**Seveso Directive**

This product is not controlled under the Seveso Directive.

**15.4 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.

**15.5 Chemical Safety Assessment**

**Chemical Safety  
Assessment** : Not applicable.

**SECTION 16: Other information**

 Indicates information that has changed from previously issued version.

**16.1 Full text of abbreviated H statements**

H302	Harmful if swallowed.
H360D	May damage the unborn child.
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.

**16.2 Full text of classifications [CLP/GHS]**

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Chronic 2	AQUATIC HAZARD (LONG-TERM) - Category 2
Repr. 1B	TOXIC TO REPRODUCTION - Category 1B
Repr. 2	TOXIC TO REPRODUCTION - Category 2

### 16.3 Additional information

#### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Repr. 1B, H360D	Calculation method

### 16.4 Training advice

As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

### 16.5 Abbreviations and acronyms

Abbreviations and acronyms	: ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number SGG = Segregation Group vPvB = Very Persistent and Very Bioaccumulative
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### 16.6 Classification of diluted product

Follow FOSS user manuals/labels for preparation.

Concentration	Hazard pictograms	Classification
Stock solution		Not applicable.
Product ready-for-use		Not applicable.

### 16.7 Version

Date of printing	: 27 November 2023
Date of issue/ Date of revision	: 27 November 2023
Date of previous issue	: 9 February 2023
Version	: 4

### 16.8 Disclaimer

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.