

# SAFETY DATA SHEET

# Dichloroisocyanuric acid sodium salt dihydrate

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

1.1. Product identifier		
Product name	Dichloroisocyanuric acid sodium salt dihydrate	
Product number	14579217	
Synonyms; trade names	troclosene sodium, dihydrate	
CAS number	51580-86-0	
EU index number	613-030-01-7	
EC number	220-767-7	
1.2. Relevant identified uses	of the substance or mixture and uses advised against	
Identified uses	Research and development.	
Uses advised against	No specific uses advised against are identified.	
1.3. Details of the supplier of the safety data sheet		
Supplier	Molekula Ltd. Lingfield Way, Darlington, DL1 4XX, United Kingdom +44 (0) 3302000333 info@molekula.com	
1.4. Emergency telephone nu	Imber	
+44 (0) 7769276927		
SECTION 2: Hazards identified	cation	
2.1. Classification of the subs		
Classification (SI 2019 No. 72		
Physical hazards	Not Classified	
Health hazards	Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335	
Environmental hazards	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
2.2. Label elements		

EC number

Hazard pictograms



220-767-7

Signal word	Danger
Hazard statements	H302+H332 Harmful if swallowed or if inhaled. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation. H410 Very toxic to aquatic life with long lasting effects.
Precautionary statements	<ul> <li>P261 Avoid breathing dust.</li> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P271 Use only outdoors or in a well-ventilated area.</li> <li>P273 Avoid release to the environment.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P310 Immediately call a POISON CENTER/ doctor.</li> <li>P330 Rinse mouth.</li> <li>P332+P313 If skin irritation occurs: Get medical advice/ attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P391 Collect spillage.</li> <li>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</li> <li>P405 Store locked up.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>
Supplemental label information	EUH031 Contact with acids liberates toxic gas.

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current UK criteria.

SECTION 3: Composition/information on ingredients	
3.1. Substances	
Product name	Dichloroisocyanuric acid sodium salt dihydrate
EU index number	613-030-01-7
CAS number	51580-86-0
EC number	220-767-7
Chemical formula	C3Cl2N3NaO3 · 2H2O

### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

General information	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. Place unconscious person on their side in the recovery position and ensure breathing can take place.

Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention if symptoms are severe or persist.	
Skin contact	Rinse with water.	
Eye contact	Rinse immediately with plenty of water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.	
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.	
4.2. Most important symptoms	and effects, both acute and delayed	
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.	
Inhalation	A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.	
Ingestion	May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.	
Skin contact	Redness. Irritating to skin.	
Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.	
4.3. Indication of any immedia	te medical attention and special treatment needed	
Notes for the doctor	Treat symptomatically.	
SECTION 5: Firefighting meas	sures	
5.1. Extinguishing media		
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.	
Unsuitable extinguishing media	Not applicable.	
5.2. Special hazards arising from the substance or mixture		
Specific hazards	This product is toxic.	
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon monoxide (CO). Carbon dioxide (CO2). Nitrous gases (NOx). Hydrogen chloride (HCI). Hydrogen cyanide (HCN). Sodium oxides Combustible Dust Risk of explosion.	
5.3. Advice for firefighters		
Protective actions during firefighting	Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be	

containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipmentWear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective<br/>clothing. Firefighter's clothing will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be
	taken without appropriate training or involving any personal risk. Do not touch or walk into
	spilled material. Avoid inhalation of dust. Use suitable respiratory protection if ventilation is
	inadequate.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Provide adequate ventilation. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

### 6.4. Reference to other sections

# **Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Avoid contact with acids. Contact with acids liberates toxic gas. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.	
Advice on general occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.	
7.2. Conditions for safe storage, including any incompatibilities		
Storage precautions	Store away from incompatible materials (see Section 10). Store locked up. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Do not store near acids.	
	Shock sensitive. Moisture sensitive. Store under inert gas.	
Storage class	Miscellaneous hazardous material storage.	
7.3. Specific end use(s)		
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.	
SECTION 8: Exposure controls/Personal protection		
8.1. Control parameters		

### 8.2. Exposure controls

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Appropriate engineering controls	Provide adequate general and local exhaust ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full- face respirator may be required instead.
Hand protection	For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber. Thickness: 0.11 mm
	The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
Other skin and body protection	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures	Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
Respiratory protection	Ensure all respiratory protective equipment is suitable for its intended use and is 'UKCA'- marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges suitable for intended use should be used. Full face mask respirators with replaceable filter cartridges suitable for intended use should be used. Half mask and quarter mask respirators with replaceable filter cartridges suitable for intended use should be used.
Environmental exposure controls	Keep container tightly sealed when not in use. 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**

### 9.1. Information on basic physical and chemical properties

Appearance	Powder. or Crystals.
Colour	White. to Light (or pale). Beige.
Odour	Not known.
Odour threshold	No information available.
рН	pH (diluted solution): 6, 10 g/l (20°C/68°F)
Melting point	240-250°C/464-482°F
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	<0.006 hPa @ 20°C/68°F

Vapour density	No information available.
Relative density	1.083
Solubility(ies)	236.8 g/l water @ 25°C/77°F
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Explosive properties	Explosive when dry. Risk of explosion if heated under confinement.
9.2. Other information	
Molecular weight	255.98
SECTION 10: Stability and rea	activity
10.1. Reactivity	
Reactivity	Risk of explosion if heated under confinement. Shock sensitive. Contact with acids liberates toxic gas.
10.2. Chemical stability	
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions. Protect from moisture.
10.3. Possibility of hazardous	reactions
Possibility of hazardous reactions	Generates dangerous gases or fumes in contact with: Acids.
10.4. Conditions to avoid	
Conditions to avoid	Avoid generation and spreading of dust. Avoid heat, flames and other sources of ignition. Do not subject to shock.
10.5. Incompatible materials	
Materials to avoid	Avoid contact with strong oxidising agents. Acids.
10.6. Hazardous decompositio	on products
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon monoxide (CO). Carbon dioxide (CO2). Nitrous gases (NOx). Hydrogen cyanide (HCN). Hydrogen chloride (HCI).
SECTION 11: Toxicological information	
11.1. Information on toxicological effects	

Acute toxicity - oral	
Summary	Harmful if swallowed.
Acute toxicity oral (LD₅₀ mg/kg)	1,823.0
Species	Rat
ATE oral (mg/kg)	1,823.0
<u>Acute toxicity - dermal</u> Summary	Based on available data the classification criteria are not met.

Acute toxicity - inhalation	
Summary	Harmful if inhaled.
Acute toxicity inhalation (LC₅₀ dust/mist mg/l)	1.17
Species	Rat
ATE inhalation (dusts/mists mg/l)	1.17
Skin corrosion/irritation Summary	Causes skin irritation.
Serious eye damage/irritation Summary	Causes serious eye damage.
Respiratory sensitisation Summary	Based on available data the classification criteria are not met.
Skin sensitisation	
Summary	Based on available data the classification criteria are not met.
Germ cell mutagenicity	
Summary	Based on available data the classification criteria are not met.
Carcinogenicity Summary	Based on available data the classification criteria are not met.
IARC carcinogenicity	None of the ingredients are listed or exempt.
Reproductive toxicity	
Reproductive toxicity Summary	Based on available data the classification criteria are not met.
Summary	
Summary Specific target organ toxicity -	single exposure
Summary Specific target organ toxicity - Summary	<b>single exposure</b> May cause respiratory irritation. Respiratory system, lungs
Summary Specific target organ toxicity - Summary Target organs	<b>single exposure</b> May cause respiratory irritation. Respiratory system, lungs
Summary Specific target organ toxicity - Summary Target organs Specific target organ toxicity -	single exposure May cause respiratory irritation. Respiratory system, lungs repeated exposure
Summary Specific target organ toxicity - Summary Target organs Specific target organ toxicity - Summary Aspiration hazard	single exposure May cause respiratory irritation. Respiratory system, lungs repeated exposure Based on available data the classification criteria are not met.
Summary Specific target organ toxicity - Summary Target organs Specific target organ toxicity - Summary Aspiration hazard Summary	single exposure May cause respiratory irritation. Respiratory system, lungs repeated exposure Based on available data the classification criteria are not met. Not relevant. Solid. The severity of the symptoms described will vary dependent on the concentration and the
Summary Specific target organ toxicity - Summary Target organs Specific target organ toxicity - Summary Aspiration hazard Summary General information	<ul> <li>single exposure May cause respiratory irritation.</li> <li>Respiratory system, lungs</li> <li>repeated exposure Based on available data the classification criteria are not met.</li> <li>Not relevant. Solid.</li> <li>The severity of the symptoms described will vary dependent on the concentration and the length of exposure.</li> <li>A single exposure may cause the following adverse effects: Headache. Exhaustion and</li> </ul>
Summary Specific target organ toxicity - Summary Target organs Specific target organ toxicity - Summary Aspiration hazard Summary General information Inhalation	single exposure May cause respiratory irritation. Respiratory system, lungs repeated exposure Based on available data the classification criteria are not met. Not relevant. Solid. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.
Summary Specific target organ toxicity - Summary Target organs Specific target organ toxicity - Summary Aspiration hazard Summary General information Inhalation Ingestion	<ul> <li>single exposure May cause respiratory irritation.</li> <li>Respiratory system, lungs</li> <li>repeated exposure</li> <li>Based on available data the classification criteria are not met.</li> <li>Not relevant. Solid.</li> <li>The severity of the symptoms described will vary dependent on the concentration and the length of exposure.</li> <li>A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.</li> <li>May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.</li> </ul>
Summary Specific target organ toxicity - Summary Target organs Specific target organ toxicity - Summary Aspiration hazard Summary General information Inhalation Ingestion Skin contact	<ul> <li>single exposure</li> <li>May cause respiratory irritation.</li> <li>Respiratory system, lungs</li> <li>repeated exposure</li> <li>Based on available data the classification criteria are not met.</li> <li>Not relevant. Solid.</li> <li>The severity of the symptoms described will vary dependent on the concentration and the length of exposure.</li> <li>A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.</li> <li>May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.</li> <li>Redness. Irritating to skin.</li> <li>Causes serious eye damage. Symptoms following overexposure may include the following:</li> </ul>
Summary Specific target organ toxicity - Summary Target organs Specific target organ toxicity - Summary Aspiration hazard Summary General information Inhalation Inhalation Skin contact Eye contact	<ul> <li>single exposure</li> <li>May cause respiratory irritation.</li> <li>Respiratory system, lungs</li> <li>repeated exposure</li> <li>Based on available data the classification criteria are not met.</li> <li>Not relevant. Solid.</li> <li>The severity of the symptoms described will vary dependent on the concentration and the length of exposure.</li> <li>A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.</li> <li>May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.</li> <li>Redness. Irritating to skin.</li> <li>Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.</li> </ul>

# SECTION 12: Ecological information

12.1. Toxicity		
Acute aquatic toxicity		
Summary	Very toxic to aquatic life.	
Acute toxicity - fish	LC₅₀, 96 hours: 8000 mg/l, Menidia Beryllina (Inland Silverside)	
Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: > 1000 mg/l, Daphnia magna	
Acute toxicity - aquatic plants	ErC50, 72 hours: > 100 mg/l, Skeletonema Costatum	
Acute toxicity - microorganisms	EC₅₀, 3 hours: > 4500 mg/l, Activated sludge	
Chronic aquatic toxicity Summary	Very toxic to aquatic life with long lasting effects.	
12.2. Persistence and degrada	ibility	
Persistence and degradability	100%, 8 hours The substance is readily biodegradable.	
12.3. Bioaccumulative potentia	<u>/</u>	
Bioaccumulative potential	No data available on bioaccumulation.	
Partition coefficient	No information available.	
12.4. Mobility in soil		
Mobility	No data available.	
12.5. Results of PBT and vPvE	3 assessment	
12.6. Other adverse effects		
Other adverse effects	None known.	
SECTION 13: Disposal conside	erations	
13.1. Waste treatment method	<u>s</u>	
General information	The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.	
Dispessi methoda		
Disposal methods	Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.	
SECTION 14: Transport inform	licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.	
	licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.	
SECTION 14: Transport inform	licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible. <b>nation</b> For limited quantity packaging/limited load information, consult the relevant modal	
SECTION 14: Transport inform General	licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible. <b>nation</b> For limited quantity packaging/limited load information, consult the relevant modal	

UN No. (ICAO)	3077	
UN No. (ADN)	3077	
14.2. UN proper shipping name		
Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dichloroisocyanuric acid sodium salt dihydrate)	
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dichloroisocyanuric acid sodium salt dihydrate)	
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dichloroisocyanuric acid sodium salt dihydrate)	
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dichloroisocyanuric acid sodium salt dihydrate)	
14.3. Transport hazard class(es)		
ADR/RID class	9	
ADR/RID classification code	M7	
ADR/RID label	9	
IMDG class	9	
ICAO class/division	9	
ADN class	9	
Transport labels		
, dh,		

14.4. Packing group		
ADR/RID packing group	III	
IMDG packing group	Ш	
ICAO packing group	III	
ADN packing group		

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

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.

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	2Z

Hazard Identification Number 90 (ADR/RID)

Tunnel restriction code

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

#### **SECTION 15: Regulatory information**

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulationsHealth and Safety at Work etc. Act 1974 (as amended).The Carriage of Dangerous Goods and Use of Transportable Pressure EquipmentRegulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].EH40/2005 Workplace exposure limits.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### Inventories

### **EU - EINECS/ELINCS**

None of the ingredients are listed or exempt.

### SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. IATA: International Air Transport Association. ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air. IMDG: International Maritime Dangerous Goods. CAS: Chemical Abstracts Service. ATE: Acute Toxicity Estimate. LC50: Lethal Concentration to 50 % of a test population. LD50: Lethal Dose to 50% of a test population. EC <sub>50</sub> : 50% of maximal Effective Concentration. PBT: Persistent, Bioaccumulative and Toxic substance.
Classification abbreviations and acronyms	vPvB: Very Persistent and Very Bioaccumulative. Acute Tox. = Acute toxicity Eye Dam. = Serious eye damage Skin Irrit. = Skin irritation STOT SE = Specific target organ toxicity-single exposure Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Classification procedures according to SI 2019 No. 720	Acute Tox. 4 - H332: Acute Tox. 4 - H302: Eye Dam. 1 - H318: STOT SE 3 - H335: Skin Irrit. 2 - H315: : Expert judgement. Aquatic Acute 1 - H400: Aquatic Chronic 1 - H410: : Expert judgement.
Training advice	Only trained personnel should use this material.
Revision date	18/08/2022

Revision	2
Supersedes date	14/01/2022
SDS number	609
Hazard statements in full	<ul> <li>H302 Harmful if swallowed.</li> <li>H315 Causes skin irritation.</li> <li>H318 Causes serious eye damage.</li> <li>H332 Harmful if inhaled.</li> <li>H335 May cause respiratory irritation.</li> <li>H400 Very toxic to aquatic life.</li> <li>H410 Very toxic to aquatic life with long lasting effects.</li> </ul>

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.