

SAFETY DATA SHEET

Quinoline

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

SECTION 1: Identification of the substance/mixture and of	of the company/undertaking
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Product name	Quinoline
Synonyms; trade names	1-Benzazine; 2,3-Benzopyridine; 1-Azanaphthalene
CAS number	91-22-5
EU index number	613-281-00-5
EC number	202-051-6
1.2. Relevant identified uses o	f the substance or mixture and uses advised against
Identified uses	Research and development.
Uses advised against	Not suitable for human consumption or veterinary purposes.
1.3. Details of the supplier of the	he safety data sheet

Supplier

Molekula Ltd. Lingfield Way, Darlington, DL1 4XX, United Kingdom +44 (0) 3302000333 info@molekula.com

1.4. Emergency telephone number

+44 (0) 7769276927

SECTION 2: Hazards identified	cation
2.1. Classification of the subs	stance or mixture
Classification (SI 2019 No. 72	20)
Physical hazards	Not Classified
Health hazards	Acute Tox. 3 - H301 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Muta. 2 - H341 Carc. 1B - H350
Environmental hazards	Aquatic Chronic 2 - H411
2.2. Label elements	
EC number	202-051-6
Hazard pictograms	

Signal word

Hazard statements	H350 May cause cancer.
	H341 Suspected of causing genetic defects.
	H312 Harmful in contact with skin.
	H302 Harmful if swallowed.
	H319 Causes serious eye irritation.
	H315 Causes skin irritation.
	H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P264 Wash contaminated skin thoroughly after handling.
	P273 Avoid release to the environment.
	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
	P302+P352 IF ON SKIN: Wash with plenty of water.
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing.
	P332+P313 If skin irritation occurs: Get medical advice/ attention.
	P337+P313 If eye irritation persists: Get medical advice/ attention.
	P405 Store locked up.
	P501 Dispose of contents/ container in accordance with national regulations.
	i our bispose or contents, container in accordance with national regulations.

2.3. Other hazards

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

SECTION 3: Composition	n/information on ingredients
3.1. Substances	
Product name	Quinoline
EU index number	613-281-00-5
CAS number	91-22-5
EC number	202-051-6
Chemical formula	C9H7N
SECTION 4: First aid me	asures

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. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
Ingestion	Get medical attention immediately. 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.
Skin contact	It is important to remove the substance from the skin immediately. Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention.
Eye contact	Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.
Protection of first aiders	It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.
4.2. Most important sympto	ms 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	Prolonged or repeated exposure may cause the following adverse effects: May cause cancer.
Ingestion	May cause stomach pain or vomiting. May cause severe internal injury. Prolonged or repeated exposure may cause the following adverse effects: May cause cancer.
Skin contact	Redness. Irritating to skin. Prolonged or repeated exposure may cause the following adverse effects: May cause cancer.
Eye contact	Irritating to eyes.
4.3. Indication of any immedia	te medical attention and special treatment needed
Notes for the doctor	Treat symptomatically. Keep affected person under observation.
SECTION 5: Firefighting meas	ures
5.1. Extinguishing media	
Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire- extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising fr	om the substance or mixture
Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. This product is toxic. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Very toxic or corrosive gases or vapours. Oxides of carbon. Oxides of nitrogen.
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 done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. 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 equipment for firefighters	Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing will provide a basic level of protection for chemical incidents.
SECTION 6: Accidental releas	e measures
6.1. Personal precautions, pro	tective 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 contact with skin and eyes.
6.2. Environmental precaution	<u>s</u>
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	—
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 sto	brage
7.1. Precautions for safe hand	dling
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. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. This product is toxic. Immediate first aid is imperative. May cause cancer. Suspected of causing genetic defects. 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	ge, 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.
Storage class	Toxic 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 contro	ls/Personal protection
8.1. Control parameters	
8.2. Exposure controls	
Protective equipment	
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	Wear protective gloves. 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 any possibility of 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	Clear liquid.
Colour	Yellowish.
Odour	Not known.
Odour threshold	No information available.
рН	No information available.
Melting point	-15°C/5°F
Initial boiling point and range	237.6°C/459.7°F @ 101325 Pa
Flash point	101°C/214°F
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	11.17 Pa @ 25°C/77°F
Vapour density	No information available.
Relative density	1.088
Solubility(ies)	6.5 g/l water @ 20°C/68°F
Partition coefficient	log Pow: 2.04 at 22°C/72°F
Auto-ignition temperature	480°C/896°F
Decomposition Temperature	No information available.

Viscosity	3.375 mPa s @ 25°C/77°F
9.2. Other information	
Molecular weight	129.16
SECTION 10: Stability and rea	activity
10.1. Reactivity	
Reactivity	See the other subsections of this section for further details.
10.2. Chemical stability	
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
10.3. Possibility of hazardous	reactions
Possibility of hazardous reactions	No potentially hazardous reactions known.
10.4. Conditions to avoid	
Conditions to avoid	Strong heating.
10.5. Incompatible materials	
Materials to avoid	Strong acids. Strong oxidising agents.
10.6. Hazardous decomposition	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.
SECTION 11: Toxicological in	formation
SECTION 11: Toxicological in 11.1. Information on toxicolog	
	ical effects
11.1. Information on toxicolog	
11.1. Information on toxicolog Acute toxicity - oral	ical effects
<u>11.1. Information on toxicolog</u> Acute toxicity - oral Summary ATE oral (mg/kg) Acute toxicity - dermal	<u>ical effects</u> Toxic if swallowed. 100.0
<u>11.1. Information on toxicolog</u> Acute toxicity - oral Summary ATE oral (mg/kg)	<i>ical effects</i> Toxic if swallowed.
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<u>11.1. Information on toxicolog</u> Acute toxicity - oral Summary ATE oral (mg/kg) <u>Acute toxicity - dermal</u> Summary	<i>ical effects</i> Toxic if swallowed. 100.0 Harmful in contact with skin.
11.1. Information on toxicologAcute toxicity - oralSummaryATE oral (mg/kg)Acute toxicity - dermalSummaryATE dermal (mg/kg)Acute toxicity - inhalation	ical effects Toxic if swallowed. 100.0 Harmful in contact with skin. 1,100.0
11.1. Information on toxicologAcute toxicity - oralSummaryATE oral (mg/kg)Acute toxicity - dermalSummaryATE dermal (mg/kg)Acute toxicity - inhalationSummarySummarySkin corrosion/irritation	ical effects Toxic if swallowed. 100.0 Harmful in contact with skin. 1,100.0 Based on available data the classification criteria are not met.
11.1. Information on toxicolog Acute toxicity - oral Summary ATE oral (mg/kg) Acute toxicity - dermal Summary ATE dermal (mg/kg) Acute toxicity - inhalation Summary Skin corrosion/irritation Summary Serious eye damage/irritation	ical effects Toxic if swallowed. 100.0 Harmful in contact with skin. 1,100.0 Based on available data the classification criteria are not met. Causes skin irritation.
11.1. Information on toxicolog Acute toxicity - oral Summary ATE oral (mg/kg) Acute toxicity - dermal Summary ATE dermal (mg/kg) Acute toxicity - inhalation Summary Skin corrosion/irritation Summary Serious eye damage/irritation Summary Respiratory sensitisation	ical effects Toxic if swallowed. 100.0 Harmful in contact with skin. 1,100.0 Based on available data the classification criteria are not met. Causes skin irritation. Causes serious eye irritation.

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	May cause cancer.
IARC carcinogenicity	None of the ingredients are listed or exempt.
Reproductive toxicity Summary	Based on available data the classification criteria are not met.
Specific target organ toxicity -	single exposure
Summary	Based on available data the classification criteria are not met.
Specific target organ toxicity -	
Summary	Based on available data the classification criteria are not met.
Aspiration hazard Summary	Based on available data the classification criteria are not met.
General information	May cause cancer after repeated exposure. Risk of cancer depends on duration and level of exposure. May cause genetic defects. 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: Temporary irritation.
Ingestion	May cause stomach pain or vomiting. May cause severe internal injury.
Skin contact	Redness. Irritating to skin.
Eye contact	Irritating to eyes.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Target organs	No specific target organs known.
-	No specific target organs known.
Target organs	No specific target organs known.
Target organs SECTION 12: Ecological infor	No specific target organs known.
Target organs SECTION 12: Ecological infor 12.1. Toxicity	No specific target organs known.
Target organs SECTION 12: Ecological infor <u>12.1. Toxicity</u> Acute aquatic toxicity	No specific target organs known. mation
Target organs SECTION 12: Ecological infor <u>12.1. Toxicity</u> Acute aquatic toxicity Summary	No specific target organs known. mation Based on available data the classification criteria are not met.
Target organs SECTION 12: Ecological infor <u>12.1. Toxicity</u> Acute aquatic toxicity Summary Acute toxicity - fish Acute toxicity - aquatic	No specific target organs known. mation Based on available data the classification criteria are not met. LC ₅₀ , 96 hours: 29.9 mg/l, Poecilia reticulata (Guppy)
Target organs SECTION 12: Ecological infor <u>12.1. Toxicity</u> Acute aquatic toxicity Summary Acute toxicity - fish Acute toxicity - aquatic invertebrates	No specific target organs known. mation Based on available data the classification criteria are not met. LC ₅₀ , 96 hours: 29.9 mg/l, Poecilia reticulata (Guppy) EC ₅₀ , 48 hours: 25 mg/l, Daphnia magna EC ₅₀ , 72 hours: 66 mg/l, Freshwater algae
Target organs SECTION 12: Ecological infor 12.1. Toxicity Acute aquatic toxicity Summary Acute toxicity - fish Acute toxicity - aquatic invertebrates Acute toxicity - aquatic plants Acute toxicity - aquatic plants	No specific target organs known. mation Based on available data the classification criteria are not met. LC ₅₀ , 96 hours: 29.9 mg/l, Poecilia reticulata (Guppy) EC ₅₀ , 48 hours: 25 mg/l, Daphnia magna EC ₅₀ , 72 hours: 66 mg/l, Freshwater algae EC ₅₀ , 72 hours: 73.7 mg/l, Marinewater algae
Target organs SECTION 12: Ecological infor 12.1. Toxicity Acute aquatic toxicity Summary Acute toxicity - fish Acute toxicity - aquatic invertebrates Acute toxicity - aquatic plants Acute toxicity - aquatic plants	No specific target organs known. mation Based on available data the classification criteria are not met. LC ₅₀ , 96 hours: 29.9 mg/l, Poecilia reticulata (Guppy) EC ₅₀ , 48 hours: 25 mg/l, Daphnia magna EC ₅₀ , 72 hours: 66 mg/l, Freshwater algae EC ₅₀ , 72 hours: 73.7 mg/l, Marinewater algae
Target organsSECTION 12: Ecological infor12.1. ToxicityAcute aquatic toxicitySummaryAcute toxicity - fishAcute toxicity - aquaticinvertebratesAcute toxicity - aquatic plantsAcute toxicity - aquatic plantsAcute toxicity -Acute toxicity -Chronic aquatic toxicity	No specific target organs known. mation Based on available data the classification criteria are not met. LC ₅₀ , 96 hours: 29.9 mg/l, Poecilia reticulata (Guppy) EC ₅₀ , 48 hours: 25 mg/l, Daphnia magna EC ₅₀ , 72 hours: 66 mg/l, Freshwater algae EC ₅₀ , 72 hours: 73.7 mg/l, Marinewater algae EC ₅₀ , 3 hours: 243 mg/l, Activated sludge Toxic to aquatic life with long lasting effects.
Target organs SECTION 12: Ecological infor 12.1. Toxicity Acute aquatic toxicity Summary Acute toxicity - fish Acute toxicity - aquatic invertebrates Acute toxicity - aquatic plants Acute toxicity - aquatic plants Acute toxicity - microorganisms Chronic aquatic toxicity Summary 12.2. Persistence and degrad	No specific target organs known. mation Based on available data the classification criteria are not met. LC ₅₀ , 96 hours: 29.9 mg/l, Poecilia reticulata (Guppy) EC ₅₀ , 48 hours: 25 mg/l, Daphnia magna EC ₅₀ , 72 hours: 66 mg/l, Freshwater algae EC ₅₀ , 72 hours: 73.7 mg/l, Marinewater algae EC ₅₀ , 3 hours: 243 mg/l, Activated sludge Toxic to aquatic life with long lasting effects.
Target organs SECTION 12: Ecological infor 12.1. Toxicity Acute aquatic toxicity Summary Acute toxicity - fish Acute toxicity - aquatic invertebrates Acute toxicity - aquatic plants Acute toxicity - aquatic plants Acute toxicity - microorganisms Chronic aquatic toxicity Summary 12.2. Persistence and degrad	No specific target organs known. mation Based on available data the classification criteria are not met. LCso, 96 hours: 29.9 mg/l, Poecilia reticulata (Guppy) ECso, 48 hours: 25 mg/l, Daphnia magna ECso, 72 hours: 66 mg/l, Freshwater algae ECso, 72 hours: 73.7 mg/l, Marinewater algae ECso, 3 hours: 243 mg/l, Activated sludge Toxic to aquatic life with long lasting effects. ability The degradability of the product is not known.
Target organsSECTION 12: Ecological infor12.1. ToxicityAcute aquatic toxicitySummaryAcute aquatic toxicitySummaryAcute toxicity - fishAcute toxicity - aquaticinvertebratesAcute toxicity - aquatic plantsAcute toxicity - aquatic plantsAcute toxicity - microorganismsChronic aquatic toxicitySummary12.2. Persistence and degradPersistence and degradability	No specific target organs known. mation Based on available data the classification criteria are not met. LCso, 96 hours: 29.9 mg/l, Poecilia reticulata (Guppy) ECso, 48 hours: 25 mg/l, Daphnia magna ECso, 72 hours: 66 mg/l, Freshwater algae ECso, 72 hours: 73.7 mg/l, Marinewater algae ECso, 3 hours: 243 mg/l, Activated sludge Toxic to aquatic life with long lasting effects. ability The degradability of the product is not known.

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Quinoline

12.4. Mobility in soil

Mobility

No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB	This product does not contain any substances classified as PBT or vPvB.
assessment	

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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.
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 information

General	For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.
14.1. UN number	
UN No. (ADR/RID)	2656
UN No. (IMDG)	2656
UN No. (ICAO)	2656
UN No. (ADN)	2656
14.2. UN proper shipping name	
Proper shipping name (ADR/RID)	QUINOLINE
Proper shipping name (IMDG)	QUINOLINE
Proper shipping name (ICAO)	QUINOLINE
Proper shipping name (ADN)	QUINOLINE
14.3. Transport hazard class(es)	
ADR/RID class	6.1
ADR/RID classification code	Τ1
ADR/RID label	6.1
IMDG class	6.1
ICAO class/division	6.1

ADN class 6.1

Transport labels

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14.4. Packing group	
ADR/RID packing group	III
IMDG packing group	III
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-A
ADR transport category	2
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	60
Tunnel restriction code	(E)

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

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 Equipment
Regulations 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 (Median Lethal Dose). EC₅₀: 50% of maximal Effective Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
Classification abbreviations and acronyms	Acute Tox. = Acute toxicity Carc. = Carcinogenicity Eye Irrit. = Eye irritation Muta. = Germ cell mutagenicity Skin Irrit. = Skin irritation Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Classification procedures according to SI 2019 No. 720	Acute Tox. 3 - H301: Acute Tox. 4 - H312: Skin Irrit. 2 - H315: Eye Irrit. 2 - H319: Muta. 2 - H341: Carc. 1B - H350: : Expert judgement. Aquatic Chronic 2 - H411: : Expert judgement.
Training advice	Only trained personnel should use this material.
Revision date	02/09/2022
Revision	1
SDS number	1437
Hazard statements in full	 H301 Toxic if swallowed. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H341 Suspected of causing genetic defects. H350 May cause cancer. H411 Toxic to aquatic life with long lasting effects.

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.