

SAFETY DATA SHEET

Chlorobenzene

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

1.1. Product identifier	
Product name	Chlorobenzene
CAS number	108-90-7
EU index number	602-033-00-1
EC number	203-628-5
1.2. Relevant identified us	es of the substance or mixture and uses advised against
Identified uses	Research and development. Industrial use
Uses advised against	Not suitable for human consumption or veterinary purposes.
1.3. Details of the supplier	of the safety data sheet
Supplier	Molekula Ltd.

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 identification

2.1. Classification of the substance or mixture	
Classification (SI 2019 No. 720)	
Physical hazards	Flam. Liq. 3 - H226
Health hazards	Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT RE 2 - H373
Environmental hazards	Aquatic Chronic 2 - H411
2.2. Label elements	
EC number	203-628-5
Hazard pictograms	

Signal word



Hazard statements	H226 Flammable liquid and vapour. H312+H332 Harmful in contact with skin or if inhaled. H315 Causes skin irritation. H319 Causes serious eye irritation. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P260 Do not breathe vapour/ spray. P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTRE/doctor if you feel unwell. P332+P313 If skin irritation occurs: Get medical advice/ attention. P337+P313 If skin irritation persists: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of 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/information on ingredients	
3.1. Substances	
Product name	Chlorobenzene
EU index number	602-033-00-1
CAS number	108-90-7
EC number	203-628-5
Chemical formula	C6H5CI
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. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.	
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	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 irritation.	
Skin contact	Redness. Irritating to skin.	
Eye contact	Irritating to eyes.	
4.3. Indication of any immediate medical attention and special treatment needed		
Notes for the doctor	Treat symptomatically.	
SECTION 5: Firefighting measurements	sures	
5.1. Extinguishing media		
Suitable extinguishing media	The product is flammable. 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 from the substance or mixture		
Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. Flammable liquid and vapour. Vapours may be ignited by a spark, a hot surface or an ember. Vapours may form explosive mixtures with air. Fire-water run-off in sewers may create fire or explosion hazard. 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). Phosgene (COCl2). Hydrogen chloride (HCI).	
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 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. Evacuate area. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes
	contaminated. Avoid inhalation of vapours and spray/mists. Use suitable respiratory protection is inadequate. Avoid contact with skin and eyes.

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. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Provide adequate ventilation. Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Large Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. The contaminated absorbent may pose the same hazard as the spilled material. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. 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 sec	tions

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. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. 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). Keep away from oxidising materials, heat and flames. 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	Flammable liquid 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

Occupational exposure limits

Long-term exposure limit (8-hour TWA): WEL 1 ppm 4.7 mg/m³ Short-term exposure limit (15-minute): WEL 3 ppm 14 mg/m³ Sk

WEL = Workplace Exposure Limit. Sk = Can be absorbed through the skin.

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 phys	ical and chemical properties
Appearance	Clear liquid.
Colour	Colourless.
Odour	Sweetish.
Odour threshold	No information available.
рН	No information available.
Melting point	-45°C/-49°F
Initial boiling point and range	131°C/267.8°F
Flash point	27°C/80.6°F
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	Upper flammable/explosive limit: 11% Lower flammable/explosive limit: 1.3%
Vapour pressure	12 hPa @ 20°C/68°F
Vapour density	3.9
Relative density	1.106
Solubility(ies)	No information available.
Partition coefficient	No information available.
Auto-ignition temperature	590°C/1094°F
Decomposition Temperature	No information available.
Viscosity	0.8 cP @ 20°C/68°F
9.2. Other information	
Molecular weight	112.56
SECTION 10: Stability and rea	activity
10.1 Peactivity	

10.1. Reactivity

Reactivity

Vapor/air-mixtures are explosive at intense warming

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	Risk of explosion with: Sodium.
	Exothermic reaction with:
	Alkali metals.
	Alkaline earth metals.
	Dimethyl Sulphoxide
	Nitric acid (HNO3).
	Oxidising agents.
10.4. Conditions to avoid	
Conditions to avoid	Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up. Static electricity and formation of sparks must be prevented.
10.5. Incompatible materials	
Materials to avoid	Avoid contact with strong oxidising agents. May attack some plastics, rubber and coatings.
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). Phosgene (COCl2). Hydrogen chloride (HCl).

SECTION 11: Toxicological information

11.1. Information on toxicological effects	
Acute toxicity - oral	
Summary	Based on available data the classification criteria are not met.
Acute toxicity - dermal	
Summary	Harmful in contact with skin.
ATE dermal (mg/kg)	1,100.0
Acute toxicity - inhalation Summary	Harmful if inhaled.
Skin corrosion/irritation Summary	Causes skin irritation.
Serious eye damage/irritation Summary	Causes serious eye irritation.
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	

0	
Summary	Based on available data the classification criteria are not met.
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 Based on available data the classification criteria are not met.
Summary	
Specific target organ toxicity -	
Summary	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard Summary	Based on available data the classification criteria are not met.
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 irritation.
Skin contact	Redness. Irritating to skin.
Eye contact	Irritating to eyes.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Route of exposure Target organs	Ingestion Inhalation Skin and/or eye contact 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 12.1. Toxicity 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: 4.5 mg/l, Lepomis macrochirus (Bluegill)
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: 4.5 mg/l, Lepomis macrochirus (Bluegill) EC ₅₀ , 48 hours: 26 mg/l, Daphnia magna
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 -	No specific target organs known. mation Based on available data the classification criteria are not met. LC ₅₀ , 96 hours: 4.5 mg/l, Lepomis macrochirus (Bluegill) EC ₅₀ , 48 hours: 26 mg/l, Daphnia magna EC10, 72 hours: 5.8 mg/l, Desmodesmus subspicatus
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	No specific target organs known. mation Based on available data the classification criteria are not met. LC ₅₀ , 96 hours: 4.5 mg/l, Lepomis macrochirus (Bluegill) EC ₅₀ , 48 hours: 26 mg/l, Daphnia magna EC10, 72 hours: 5.8 mg/l, Desmodesmus subspicatus EC ₅₀ , 30 minutes: 140 mg/l, Activated sludge Toxic to aquatic life with long lasting effects.
Target organsSECTION 12: Ecological infor12.1. ToxicityAcute aquatic toxicitySummaryAcute toxicity - fishAcute toxicity - aquaticinvertebratesAcute toxicity - aquatic plantsAcute toxicity - aquatic plantsAcute toxicity -microorganismsChronic aquatic toxicitySummary12.2. Persistence and degrade	No specific target organs known. mation Based on available data the classification criteria are not met. LC ₅₀ , 96 hours: 4.5 mg/l, Lepomis macrochirus (Bluegill) EC ₅₀ , 48 hours: 26 mg/l, Daphnia magna EC10, 72 hours: 5.8 mg/l, Desmodesmus subspicatus EC ₅₀ , 30 minutes: 140 mg/l, Activated sludge Toxic to aquatic life with long lasting effects.
Target organsSECTION 12: Ecological infor12.1. ToxicityAcute aquatic toxicitySummaryAcute toxicity - fishAcute toxicity - aquaticinvertebratesAcute toxicity - aquatic plantsAcute toxicity - aquatic plantsAcute toxicity -microorganismsChronic aquatic toxicitySummary12.2. Persistence and degrade	No specific target organs known. mation Based on available data the classification criteria are not met. LCso, 96 hours: 4.5 mg/l, Lepomis macrochirus (Bluegill) ECso, 48 hours: 26 mg/l, Daphnia magna EC10, 72 hours: 5.8 mg/l, Desmodesmus subspicatus ECso, 30 minutes: 140 mg/l, Activated sludge Toxic to aquatic life with long lasting effects. ability 15%, 28 days Not readily biodegradable.
Target organsSECTION 12: Ecological infor12.1. ToxicityAcute aquatic toxicitySummaryAcute toxicity - fishAcute toxicity - aquaticinvertebratesAcute toxicity - aquatic plantsAcute toxicity - aquatic plantsAcute toxicity -microorganismsChronic aquatic toxicitySummary12.2. Persistence and degradaPersistence and degradability	No specific target organs known. mation Based on available data the classification criteria are not met. LCso, 96 hours: 4.5 mg/l, Lepomis macrochirus (Bluegill) ECso, 48 hours: 26 mg/l, Daphnia magna EC10, 72 hours: 5.8 mg/l, Desmodesmus subspicatus ECso, 30 minutes: 140 mg/l, Activated sludge Toxic to aquatic life with long lasting effects. ability 15%, 28 days Not readily biodegradable.
Target organsSECTION 12: Ecological infor12.1. ToxicityAcute aquatic toxicitySummaryAcute toxicity - fishAcute toxicity - aquaticinvertebratesAcute toxicity - aquatic plantsAcute toxicity - aquatic plantsAcute toxicity - microorganismsChronic aquatic toxicitySummary12.2. Persistence and degradPersistence and degradability12.3. Bioaccumulative potential	No specific target organs known. mation Based on available data the classification criteria are not met. LC ₅₀ , 96 hours: 4.5 mg/l, Lepomis macrochirus (Bluegill) EC ₅₀ , 48 hours: 26 mg/l, Daphnia magna EC10, 72 hours: 5.8 mg/l, Desmodesmus subspicatus EC ₅₀ , 30 minutes: 140 mg/l, Activated sludge Toxic to aquatic life with long lasting effects. ability 15%, 28 days Not readily biodegradable.

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 consid	erations
13.1. Waste treatment method	
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 inform	nation
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)	1134
UN No. (IMDG)	1134
UN No. (ICAO)	1134
UN No. (ADN)	1134
14.2. UN proper shipping nam	e
Proper shipping name (ADR/RID)	CHLOROBENZENE
Proper shipping name (IMDG)	CHLOROBENZENE
Proper shipping name (ICAO)	CHLOROBENZENE
Proper shipping name (ADN)	CHLOROBENZENE
14.3. Transport hazard class(e	es)
ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

Transport labels



14.4. Packing group

ADR/RID packing group	Ш
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

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.

IMDG Code segregation group	10. Liquid halogenated hydrocarbons
EmS	F-E, S-D
ADR transport category	3
Emergency Action Code	2Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/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). ECso: 50% of maximal Effective Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
Classification abbreviations and acronyms	Flam. Liq. = Flammable liquid Acute Tox. = Acute toxicity Eye Irrit. = Eye irritation Skin Irrit. = Skin irritation STOT RE = Specific target organ toxicity-repeated exposure Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Classification procedures according to SI 2019 No. 720	Acute Tox. 4 - H312: Acute Tox. 4 - H332: STOT RE 2 - H373: Skin Irrit. 2 - H315: Eye Irrit. 2 - H319: : Expert judgement. Aquatic Chronic 2 - H411: : Expert judgement. Flam. Liq. 3 - H226: : Expert judgement.
Training advice	Only trained personnel should use this material.
Revision date	08/08/2022
Revision	1
SDS number	1274
Hazard statements in full	 H226 Flammable liquid and vapour. H312 Harmful in contact with skin. H312+H332 Harmful in contact with skin or if inhaled. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H373 May cause damage to organs through prolonged or repeated exposure. 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.