Signal word



SAFETY DATA SHEET

Cyclopentanol

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

| SECTION 1: Identification of t | he substance/mixture and of the company/undertaking |
|----------------------------------|---|
| 1.1. Product identifier | |
| Product name | Cyclopentanol |
| CAS number | 96-41-3 |
| EC number | 202-504-8 |
| 1.2. Relevant identified uses of | of 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 safety data sheet |
| Supplier | Molekula Ltd. Lingfield Way, Darlington, DL1 4XX, United Kingdom +44 (0) 3302000333 info@molekula.com |
| 1.4. Emergency telephone nu | mber |
| +44 (0) 7769276927 | |
| SECTION 2: Hazards identific | ation |
| 2.1. Classification of the subs | tance or mixture |
| Classification (SI 2019 No. 72 | <u>'0)</u> |
| Physical hazards | Flam. Liq. 3 - H226 |
| Health hazards | Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 |
| Environmental hazards | Not Classified |
| 2.2. Label elements | |
| EC number | 202-504-8 |
| Hazard pictograms | |
| | |

Warning

| Hazard statements | H226 Flammable liquid and vapour. H302+H332 Harmful if swallowed or if inhaled. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. |
|--------------------------|---|
| Precautionary statements | P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P220 Keep away from combustible materials. P261 Avoid breathing vapour/ spray. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. 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 | n/information on ingredients |
|-------------------------------|------------------------------|
| 3.1. Substances | |
| Product name | Cyclopentanol |
| CAS number | 96-41-3 |
| EC number | 202-504-8 |
| Chemical formula | С5Н9ОН |
| SECTION 4: First aid me | pasures |

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 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 discomfort if swallowed. Stomach pain. Nausea, vomiting. |
| Skin contact | Redness. Irritating to skin. |
| Eye contact | Irritating to eyes. |
| 4.3. Indication of any immediat | te medical attention and special treatment needed |
| Notes for the doctor | Treat symptomatically. |
| SECTION 5: Firefighting meas | ures |
| 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 fro | om 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. Oxides of carbon. |
| 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. 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 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 |
| | 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. 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. 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 har | ndling |
|---|---|
| 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. 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 stora | age, including any incompatibilities |
| Storage precautions | Store away from incompatible materials (see Section 10). Store locked up. 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 contr | ols/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 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 | Colourless liquid. |
|---------------------------------|----------------------------------|
| Colour | Colourless. |
| Odour | Mint. |
| Odour threshold | No information available. |
| рН | No information available. |
| Melting point | -19°C/-2°F |
| Initial boiling point and range | 139 - 140°C/282 - 284°F |
| Flash point | 51°C / 124°F Method: Closed cup. |
| Evaporation rate | No information available. |

| Flammability (solid, gas) | No information available. |
|--|--|
| Upper/lower flammability or explosive limits | No information available. |
| Vapour pressure | 252 kPa @ 25°C/77°F |
| Vapour density | 2.97 |
| Relative density | 0.948 g/cm3 |
| Solubility(ies) | No information available. |
| Partition coefficient | No information available. |
| Auto-ignition temperature | 375°C/707°F |
| Decomposition Temperature | No information available. |
| 9.2. Other information | |
| Molecular weight | 86.13 |
| 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 | The following materials may react strongly with the product: 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 | Oxidising materials. Acids - oxidising. Acid anhydrides. Acid chlorides |
| 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. |
| SECTION 11: Toxicological in | formation |
| 11.1. Information on toxicolog | ical effects |
| Acute toxicity - oral | Harmful if swallowed. |
| Summary ATE oral (mg/kg) | 500.0 |
| Acute toxicity - dermal | |
| Summary | Based on available data the classification criteria are not met. |
| Acute toxicity - inhalation Summary | Harmful if inhaled. |

ATE inhalation (vapours mg/l) 11.0

| Skin corrosion/irritation Summary | Causes skin irritation. |
|--|--|
| Serious eye damage/irritation | ı |
| 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 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 |
| Summary | May cause respiratory irritation. |
| Target organs | Respiratory system, lungs |
| Specific target organ toxicity | - repeated exposure |
| 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 | Based on available data the classification criteria are not met. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| General information | The severity of the symptoms described will vary dependent on the concentration and the |
| | 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 |
| Inhalation | 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. |
| Inhalation Ingestion | 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. May cause discomfort if swallowed. Stomach pain. Nausea, vomiting. |
| Inhalation Ingestion Skin contact | 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. May cause discomfort if swallowed. Stomach pain. Nausea, vomiting. Redness. Irritating to skin. |
| Inhalation Ingestion Skin contact Eye contact | 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. May cause discomfort if swallowed. Stomach pain. Nausea, vomiting. Redness. Irritating to skin. Irritating to eyes. |
| Inhalation Ingestion Skin contact Eye contact Route of exposure | 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. May cause discomfort if swallowed. Stomach pain. Nausea, vomiting. Redness. Irritating to skin. Irritating to eyes. Ingestion Inhalation Skin and/or eye contact Respiratory system, lungs |
| Inhalation Ingestion Skin contact Eye contact Route of exposure Target organs | 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. May cause discomfort if swallowed. Stomach pain. Nausea, vomiting. Redness. Irritating to skin. Irritating to eyes. Ingestion Inhalation Skin and/or eye contact Respiratory system, lungs |

<u>12.1. Toxicity</u> Acute aquatic toxicity Summary

Based on available data the classification criteria are not met.

| Acute toxicity - fish | LC₀, 48 hours: 1425 mg/l, Leuciscus idus (Golden orfe) LC₅₀, 48 hours: 1490 mg/l, Leuciscus idus (Golden orfe) |
|---|--|
| Acute toxicity - aquatic invertebrates | LC₅₀, 24 hours: 1100 mg/l, Daphnia magna |
| Chronic aquatic toxicity | |
| Summary | Based on available data the classification criteria are not met. |
| 12.2. Persistence and degrada | ability |
| Persistence and degradability | The degradability of the product is not known. |
| 12.3. Bioaccumulative potentia | <u>al</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 vPvl | B assessment |
| Results of PBT and vPvB assessment | This product does not contain any substances classified as PBT or vPvB. |
| 12.6. Other adverse effects | |
| Other adverse effects | None known. |
| SECTION 13: Disposal consid | lerations |
| 13.1. Waste treatment method | <u>Is</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. |
| Disposal methods | 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 |
| - | 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. 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. |
| Disposal methods SECTION 14: Transport inform General | 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. 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 | 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. 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. nation For limited quantity packaging/limited load information, consult the relevant modal |
| SECTION 14: Transport inform | 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. 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. nation For limited quantity packaging/limited load information, consult the relevant modal |
| SECTION 14: Transport inform General <u>14.1. UN number</u> | 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. 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. Mation For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section. |
| SECTION 14: Transport inform General <u>14.1. UN number</u> UN No. (ADR/RID) | 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. 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. nation For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section. |
| SECTION 14: Transport inform General <u>14.1. UN number</u> UN No. (ADR/RID) UN No. (IMDG) | 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. 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. nation For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section. |
| SECTION 14: Transport inform General <u>14.1. UN number</u> UN No. (ADR/RID) UN No. (IMDG) UN No. (ICAO) | 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. 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. nation For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section. 2244 2244 2244 |

| Proper shipping name (ADR/RID) | CYCLOPENTANOL | |
|-----------------------------------|---------------|--|
| Proper shipping name (IMDG) | CYCLOPENTANOL | |
| Proper shipping name (ICAO) | CYCLOPENTANOL | |
| Proper shipping name (ADN) | CYCLOPENTANOL | |
| 14.3. Transport hazard class(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 | III |
|-----------------------|-----|
| IMDG packing group | III |
| ICAO packing group | III |
| ADN packing group | III |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

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-E, S-D |
|--|----------|
| ADR transport category | 3 |
| Emergency Action Code | 3Y |
| 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 regulations | Health 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 | Flam. Liq. = Flammable liquid |
| and acronyms | Acute Tox. = Acute toxicity |
| | Eye Irrit. = Eye irritation |
| | Skin Irrit. = Skin irritation |
| | STOT SE = Specific target organ toxicity-single exposure |
| Classification procedures according to SI 2019 No. 720 | Acute Tox. 4 - H332: Acute Tox. 4 - H302: STOT SE 3 - H335: Skin Irrit. 2 - H315: Eye Irrit. 2 - H319: : Expert judgement. Flam. Liq. 3 - H226: : Expert judgement. |
| Training advice | Only trained personnel should use this material. |
| Revision date | 31/08/2022 |
| Revision | 1 |
| SDS number | 1420 |
| Hazard statements in full | H226 Flammable liquid and vapour. |
| | H302 Harmful if swallowed. |
| | H315 Causes skin irritation. |
| | H319 Causes serious eye irritation. |
| | H332 Harmful if inhaled. |
| | H335 May cause respiratory irritation. |

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.