

SAFETY DATA SHEET

Magnesium Stearate, Pharma Grade

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

| SECTION 1: Identification of | the substance/mixture and of the company/undertaking | |
|--|--|--|
| 1.1. Product identifier | | |
| Product name | Magnesium Stearate, Pharma Grade | |
| CAS number | 557-04-0 | |
| EC number | 209-150-3 | |
| 1.2. Relevant identified uses of the substance or mixture and uses advised against | | |
| Identified uses | For research purposes only. | |
| 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 | |

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 subs | 2.1. Classification of the substance or mixture | |
| Classification (SI 2019 No. 72 | 20) | |
| Physical hazards | Not Classified | |
| Health hazards | Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 | |
| Environmental hazards | Not Classified | |
| 2.2. Label elements | | |
| EC number | 209-150-3 | |
| Hazard pictograms | | |
| | | |
| Signal word | Warning | |
| Hazard statements | H315 Causes skin irritation. H319 Causes serious eye irritation. | |

H335 May cause respiratory irritation.

| Precautionary statements | P261 Avoid breathing dust. P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. |
|--------------------------|--|
| | P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. |
| | P302+P352 IF ON SKIN: Wash with plenty of water. |
| | 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. |
| | P312 Call a POISON CENTRE/doctor if you feel unwell. |
| | P332+P313 If skin irritation occurs: Get medical advice/ attention. |
| | P337+P313 If eye irritation persists: Get medical advice/ attention. |
| | P362+P364 Take off contaminated clothing and wash it before reuse. |
| | P403+P233 Store in a well-ventilated place. Keep container tightly closed. |
| | 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/information on ingredients | |
|---|----------------------------------|
| 3.1. Substances | |
| Product name | Magnesium Stearate, Pharma Grade |
| CAS number | 557-04-0 |
| EC number | 209-150-3 |
| Chemical formula | C36H70MgO4 |
| SECTION 4: First aid measures | |

| 4.1. Description of first aid | Imeasures |
|-------------------------------|--|
| 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 symp | toms 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: Irritation of nose, throat and airway. Difficulty in breathing. Coughing. | |
|--|--|--|
| Ingestion | May cause irritation. | |
| Skin contact | Redness. Irritating to skin. | |
| Eye contact | Irritating to eyes. | |
| 4.3. Indication of any immedia | 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 | 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 | None known. | |
| Hazardous combustion products | Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. Carbon dioxide (CO2). Carbon monoxide (CO). Oxides of the following substances: Magnesium. | |
| 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. 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 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 | |

 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.

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. 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. 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.

Advice on generalWash promptly if skin becomes contaminated. Take off contaminated clothing. Washoccupational hygienecontaminated clothing before reuse.

Keep container tightly sealed when not in use.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautionsStore 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 Chemical 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 STEL:

TWA:

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 | Keep container tightly sealed when not in use. |

controls

SECTION 9: Physical and chemical properties

| 9.1. Information on | basic physical and | chemical properties |
|---------------------|----------------------|---------------------|
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| | <u> </u> |
|--|---------------------------|
| Appearance | Powder. |
| Colour | Light (or pale). |
| Odour | Not known. |
| Odour threshold | No information available. |
| рН | No information available. |
| Melting point | 130-140°C/266-284°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 | No information available. |
| Vapour density | No information available. |
| Relative density | No information available. |
| Solubility(ies) | Insoluble in water. |
| Partition coefficient | No information available. |
| Auto-ignition temperature | No information available. |
| Decomposition Temperature | No information available. |
| 9.2. Other information | |
| Molecular weight | 591.24 |
| SECTION 10: Stability and rea | ctivity |

| SECTION 10: Stability and reactivity | |
|--------------------------------------|---|
| 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 | There are no known conditions that are likely to result in a hazardous situation. | |
| 10.5. Incompatible materials | | |
| Materials to avoid | Strong oxidising agents. | |
| 10.6. Hazardous decompositi | on products | |
| Hazardous decomposition products | Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. Carbon dioxide (CO2). Carbon monoxide (CO). Oxides of: Magnesium. | |

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| Acute toxicity - oral Summary | Based on available data the classification criteria are not met. | |
|--|--|--|
| <u>Acute toxicity - dermal</u> Summary | Based on available data the classification criteria are not met. | |
| Acute toxicity - inhalation Summary | Based on available data the classification criteria are not met. | |
| 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 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 | |

Magnesium Stearate, Pharma Grade

| Aspiration hazard Summary Not relevant. Solid. Seneral 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: Irritation of nose, throat and airway. Difficulty in breathing. Coughing. Ingestion May cause irritation. Skin contact Redness. Irritating to skin. Eve contact Irritating to eyes. Route of exposure Ingestion Inhalation Skin and/or eye contact Farget organs Respiratory system, lungs SECTION 12: Ecological information Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. Ecotoxicity Not regarded as dangerous for the environment. Ecotoxicity Based on available data the classification criteria are not met. Ecotoxicity Based on available data the classification criteria are not met. Ecotoxicity Based on available data the classification criteria are not met. Ecotoxicity The degradability of the product is not known. Ecotoxicity No data available on bioaccumulation. Ecotoxicity No data available. | Specific target organ toxicity - repeated exposure | | |
|--|--|--|--|
| Summary Not relevant. Solid. Seneral Information The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Inhelation A single exposure may cause the following adverse effects: Irritation of nose, throat and airway. Difficulty in breathing. Coughing. 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 Farget organs Respiratory system, lungs SECTION 12: Ecological information Staged as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. Iz2.1 Toxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. Iz2.1 Toxicity Stage on available data the classification criteria are not met. Iz2.1 Toxicity Based on available data the classification criteria are not met. Iz2.2 Persistence and degradability The degradability of the product is not known. Iz2.3 Bioaccumulative potential No data available on bioaccumulation. Partition coefficient No information available. | Summary | Based on available data the classification criteria are not met. | |
| Seneral 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: Irritation of nose, throat and airway. Difficulty in breathing. Coughing. Ingestion May cause irritation. Skin contact Redness. Irritating to skin. Eye contact Irritating to eyes. Ingestion Inhalation Skin and/or eye contact Ingestion Inhalation Skin and/or eye contact Target organs Respiratory system, lungs SECTION 12: Ecological Information Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. 12:1. Toxicity Sased on available data the classification criteria are not met. 2:2. Persistence and degradability Based on available data the classification criteria are not met. 12:2. Persistence and degradability The degradability of the product is not known. 12:3. Bioaccumulative potential No data available on bioaccumulation. Respiration excelled on bioaccumulation. No information available. | Aspiration hazard | | |
| length of exposure. Instantion A single exposure may cause the following adverse effects: Irritation of nose, throat and airway. Difficulty in breathing. Coughing. 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 Farget organs Respiratory system, lungs SECTION 12: Ecological Information Stardous effects on the environment. However, large or frequent spills may have hazardous effects on the environment. However, large or frequent spills may have hazardous effects on the environment. 21. Toxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. 21. Toxicity Second as dangerous for the environment. 22. Persistence and degradability Based on available data the classification criteria are not met. 22. Persistence and degradability The degradability of the product is not known. 23. Bioaccumulative potential No data available on bioaccumulation. Reartion coefficient No information available. | Summary | Not relevant. Solid. | |
| airway. Difficulty in breathing. Coughing.ngestionMay cause irritation.Skin contactRedness. Irritating to skin.Eye contactIrritating to eyes.Route of exposureIngestion Inhalation Skin and/or eye contactTarget organsRespiratory system, lungsSECTION 12: Ecological informationEcotoxicityNot regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.21.1. Toxicity Acute aquatic toxicityBased on available data the classification criteria are not met.22.2. Persistence and degradabilityThe degradability of the product is not known.23.3. Bioaccumulative potentialNo data available on bioaccumulation.Partition coefficientNo information available. | General information | | |
| Skin contact Redness. Irritating to skin. Skin contact Irritating to eyes. Route of exposure Ingestion Inhalation Skin and/or eye contact Target organs Respiratory system, lungs SECTION 12: Ecological information Section and a stangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. 21.1. Toxicity Not regarded as dangerous for the environment. 22.1. Toxicity Based on available data the classification criteria are not met. 22.1. Toxicity Based on available data the classification criteria are not met. 21.1. Toxicity Based on available data the classification criteria are not met. 22.1. Persistence and degradability The degradability of the product is not known. 22.2. Persistence and degradability The degradability of the product is not known. 23. Bioaccumulative potential No data available on bioaccumulation. 23. Bioaccumulative potential No data available on bioaccumulation. 23. Bioaccumulative potential No information available. | Inhalation | | |
| Eye contact Irritating to eyes. Route of exposure Ingestion Inhalation Skin and/or eye contact Target organs Respiratory system, lungs SECTION 12: Ecological information Respiratory system, lungs Sectoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. 12:1. Toxicity Resel on available data the classification criteria are not met. 22.1. Toxicity Based on available data the classification criteria are not met. 12:1. Toxicity Based on available data the classification criteria are not met. 12:1. Toxicity Based on available data the classification criteria are not met. 12:2. Persistence and degradability The degradability of the product is not known. 12:2. Persistence and degradability of the product is not known. Respiratory available on bioaccumulation. 12:3. Bioaccumulative potential No data available on bioaccumulation. 12:3. Bioaccumulative potential No data available on bioaccumulation. | Ingestion | May cause irritation. | |
| Route of exposureIngestion Inhalation Skin and/or eye contactRanget organsRespiratory system, lungsSECTION 12: Ecological informationEcotoxicityNot regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.12.1. Toxicity Noute aquatic toxicity SummaryBased on available data the classification criteria are not met.12.2. Persistence and degradability Persistence and degradabilityThe degradability of the product is not known.12.3. Bioaccumulative potential Bioaccumulative potentialNo tata available on bioaccumulation.Partition coefficientNo information available. | Skin contact | Redness. Irritating to skin. | |
| Target organs Respiratory system, lungs SECTION 12: Ecological information Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. Ecotoxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Ecotoxicity Based on available data the classification criteria are not met. Ecotoxicity Based on available data the classification criteria are not met. Ecotoxicity Based on available data the classification criteria are not met. Ecotoxicity Based on available data the classification criteria are not met. Ecotoxicity Based on available data the classification criteria are not met. Ecotoxicity Derisitence and degradability The degradability of the product is not known. Ecotoxicity No data available on bioaccumulation. No information available. | Eye contact | Irritating to eyes. | |
| SECTION 12: Ecological information Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. 12.1. Toxicity Image: Constraint of the environment. Acute aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Descental Soummary Based on available data the classification criteria are not met. 12.2. Persistence and degradability The degradability of the product is not known. 12.3. Bioaccumulative potential No data available on bioaccumulation. Partition coefficient No information available. | Route of exposure | Ingestion Inhalation Skin and/or eye contact | |
| Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. 12.1. Toxicity Acute aquatic toxicity Summary Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Summary Based on available data the classification criteria are not met. 12.2. Persistence and degradability Persistence and degradability Persistence and degradability The degradability of the product is not known. 12.3. Bioaccumulative potential No data available on bioaccumulation. Partition coefficient No information available. | Target organs | Respiratory system, lungs | |
| Acute aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Descent degradability Summary Based on available data the classification criteria are not met. C1.2.2. Persistence and degradability The degradability of the product is not known. C1.3. Bioaccumulative potential No data available on bioaccumulation. Bioaccumulative potential No information available. | SECTION 12: Ecological information | | |
| Acute aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. Chronic aquatic toxicity Based on available data the classification criteria are not met. I.2.2. Persistence and degradability Based on available data the classification criteria are not met. I.2.3. Bioaccumulative potential The degradability of the product is not known. I.2.3. Bioaccumulative potential No data available on bioaccumulation. Partition coefficient No information available. | Ecotoxicity | | |
| SummaryBased on available data the classification criteria are not met.Chronic aquatic toxicity SummaryBased on available data the classification criteria are not met.12.2. Persistence and degradabilityBased on available data the classification criteria are not met.12.3. Bioaccumulative potentialThe degradability of the product is not known.13.3. Bioaccumulative potentialNo data available on bioaccumulation.Partition coefficientNo information available. | 12.1. Toxicity | | |
| Chronic aquatic toxicity Based on available data the classification criteria are not met. 12.2. Persistence and degradability Persistence and degradability Persistence and degradability The degradability of the product is not known. 12.3. Bioaccumulative potential No data available on bioaccumulation. Partition coefficient No information available. | Acute aquatic toxicity | | |
| Summary Based on available data the classification criteria are not met. 12.2. Persistence and degradability The degradability of the product is not known. Persistence and degradability The degradability of the product is not known. 12.3. Bioaccumulative potential No data available on bioaccumulation. Partition coefficient No information available. | Summary | Based on available data the classification criteria are not met. | |
| Persistence and degradability The degradability of the product is not known. 12.3. Bioaccumulative potential Bioaccumulative potential Bioaccumulative potential No data available on bioaccumulation. Partition coefficient No information available. | <u>Chronic aquatic toxicity</u> Summary | Based on available data the classification criteria are not met. | |
| 12.3. Bioaccumulative potential No data available on bioaccumulation. Bioaccumulative potential No data available on bioaccumulation. Partition coefficient No information available. | 12.2. Persistence and degradability | | |
| Bioaccumulative potential No data available on bioaccumulation. Partition coefficient No information available. | Persistence and degradability | The degradability of the product is not known. | |
| Partition coefficient No information available. | 12.3. Bioaccumulative potential | | |
| | Bioaccumulative potential | No data available on bioaccumulation. | |
| | Partition coefficient | No information available. | |
| 12.4. Mobility in soil | 12.4. Mobility in soil | | |
| No data available. | Mobility | No data available. | |
| 12.5. Results of PBT and vPvB assessment | | | |
| 12.6. Other adverse effects | 12.6. Other adverse effects | | |
| Other adverse effects None known. | 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.

SECTION 14: Transport information

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL 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 and acronyms | Eye Irrit. = Eye irritation Skin Irrit. = Skin irritation STOT SE = Specific target organ toxicity-single exposure | |
| Classification procedures according to SI 2019 No. 720 | STOT SE 3 - H335: Skin Irrit. 2 - H315: Eye Irrit. 2 - H319: : Expert judgement. | |
| Training advice | Only trained personnel should use this material. | |
| Revision date | 14/04/2023 | |
| Revision | 1 | |

| SDS number | 2235 |
|---------------------------|---|
| Hazard statements in full | H315 Causes skin irritation. H319 Causes serious eye irritation. 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.