

SAFETY DATA SHEET GRAVIS SP 320

| SECTION 1: Identification of the s | substance/mixture and of the company/undertaking | |
|---|--|--|
| 1.1. Product identifier | | |
| Product name | GRAVIS SP 320 | |
| Product number | 28132 | |
| 1.2. Relevant identified uses of the | e substance or mixture and uses advised against | |
| Identified uses | Industrial oil | |
| Uses advised against | This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. This product is designed only to suit automotive applications and no provision is made for the requirements of aviation applications. | |
| 1.3. Details of the supplier of the safety data sheet | | |
| Supplier | PETROL OFİSİ A.Ş. Ünalan Mahallesi, Libadiye Caddesi No: 82F Kat: 2-3-4, 34700 Üsküdar/ Istanbul Tel: +90 850 339 1919 Fax: +90 216 275 3854 madeniyag@petrolofisi.com.tr | |
| Contact person | Customer Services: madeniyag@petrolofisi.com.tr | |
| 1.4. Emergency telephone number | er en en en en en en en en en en en en en | |
| Emergency telephone | Madeni Yağ Müşteri Hizmetleri: 0850 339 19 19 (mesai saatleri) | |
| National emergency telephone number | Emergency Medical Services: 112 | |
| SECTION 2: Hazards identificatio | n | |
| 2.1. Classification of the substanc | e or mixture | |
| Classification (EC 1272/2008) | | |
| Physical hazards | Not Classified | |
| Health hazards | Not Classified | |
| Environmental hazards | Not Classified | |
| 2.2. Label elements | | |
| Hazard statements | EUH208 Contains Long chain alkyl amine. May produce an allergic reaction. | |
| 2.3. Other hazards | | |
| Not applicable. | | |
| SECTION 3: Composition/information on ingredients | | |
| 3.2. Mixtures | | |
| Composition comments | The DMSO contents of some substances are classified by the manufacturer as <3% according to IP 346. | |
| Ingredient notes | See Section 8 for occupational exposure limits. | |
| SECTION 4: First aid measures | | |



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

4.1. Description of first aid measures

| General information | Treat symptomatically. |
|---|---|
| Inhalation | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. |
| Ingestion | Do not induce vomiting. Remove affected person from source of contamination. Get medical attention if any discomfort continues. |
| Skin contact | Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. 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 | d effects, both acute and delayed |
| General information | See Section 11 for additional information on health hazards. |
| Inhalation | No specific symptoms known. |
| Ingestion | No specific symptoms known. |
| Skin contact | No specific symptoms known. |
| Eye contact | No specific symptoms known. |
| 4.3. Indication of any immediate m | nedical attention and special treatment needed |
| Notes for the doctor | Treat symptomatically. |
| Specific treatments | Treat symptomatically. |
| SECTION 5: Firefighting measure | S |
| 5.1. Extinguishing media | |
| Suitable extinguishing media | The product is not flammable. Carbon dioxide (CO2). Foam. Dry chemicals. Water spray. |
| 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 | Avoid breathing fire gases or vapours. Ventilate closed spaces before entering them. |
| Hazardous combustion products | Carbon dioxide (CO2). Carbon monoxide (CO). Oxides of nitrogen. Oxides of sulphur. Oxides of phosphorus. A complex mixture of airborne solids, liquids and gases can be released. Smoke and irritating vapours as products of incomplete combustion. Unidentified organic or inorganic compounds. |
| 5.3. Advice for firefighters | |
| Protective actions during firefighting | No action shall be taken without appropriate training or involving any personal risk. |
| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |
| SECTION 6: Accidental release m | easures |

6.1. Personal precautions, protective equipment and emergency procedures



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

| Personal precautions | Ensure procedures and training for emergency decontamination and disposal are in place. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Avoid contact with skin, eyes and clothing. Wear protective clothing as described in Section 8 of this safety data sheet. Take precautionary measures against static discharges. |
|--|--|
| For non-emergency personnel | Necessary precautions should be taken to ensure that non-educated personnel do not intervene. |
| For emergency responders | Wear protective clothing as shown in section 8 of this safety data sheet. Notification: In case of spillage, notify the local authorities as appropriate or as necessary. Stop the leakage source if it can be done without risk.Limit spillage to prevent further contamination of soil, surface or ground water.Remove any spilled material as soon as possible by following the precautions in the section Exposure Controls / Personal Protection.Use suitable techniques such as non-flammable absorbent materials or pumping.When possible or appropriate, remove the contaminated soil from the area.Place contaminated products in disposable boxes and dispose of in accordance with regulations.If a heated material is spilled, allow it to cool before handling with disposal methods. |
| 6.2. Environmental precautions | |
| Environmental precautions | Wear protective clothing as described in Section 8 of this safety data sheet. |
| 6.3. Methods and material for con | tainment and cleaning up |
| Methods for cleaning up | Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses. |
| 6.4. Reference to other sections | |
| Reference to other sections | For personal protection, see Section 8. For waste disposal, see Section 13. See Section 1 for emergency contact information. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. |
| SECTION 7: Handling and storag | 8 |
| 7.1. Precautions for safe handling | |
| Usage precautions | Avoid spilling. Avoid contact with skin, eyes and clothing. |
| Advice on general occupational hygiene | Persons susceptible to allergic reactions should not handle this product. Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available when handling this product. Good personal hygiene procedures should be implemented. Wash contaminated skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Remove contaminated clothing and protective equipment before entering eating areas. |
| 7.2. Conditions for safe storage, in | ncluding any incompatibilities |
| Storage precautions | Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container. Keep away from food, drink and animal feeding stuffs. |
| 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. |
| Usage description | The product must be used as specified in the data sheet. |
| SECTION 8: Exposure controls/P | ersonal protection |
| | |

8.1. Control parameters

Occupational exposure limits

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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

No other information known.

| Ingredient comments | No other information known. |
|-------------------------|-----------------------------|
| Biological limit values | No other information known. |
| DNEL | No other information known. |
| DMEL | No other information known. |
| PNEC | No other information known. |
| 8.2. Exposure controls | |

Protective equipment





| Appropriate engineering controls | Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients. |
|----------------------------------|--|
| Personal protection | The effectiveness of personal protective equipment, together with other elements, depends on the degree of ventilation. Depending on the particular situation in question, Get professional support. Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers. Koruyucu elbise ve önlüklerin düzenli bakımı yapılmalıdır. |
| Eye/face protection | Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield. |
| Hand protection | Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. |
| Other skin and body protection | Wear appropriate clothing to prevent any possibility of skin contact. |
| Hygiene measures | Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. |
| Respiratory protection | No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs. |
| Thermal hazards | If there is a risk of contact with hot product, all protective equipment worn should be suitable for use with high temperatures. |
| Environmental exposure controls | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Store in a demarcated bunded area to prevent release to drains and/or watercourses. |
| SECTION 9: Physical and chemica | al properties |

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Appearance | Liquid. |
|-----------------|--------------------|
| Colour | Yellow. |
| Odour | Characteristic. |
| Odour threshold | Inconclusive data. |



| pН | Scientifically unjustified. |
|---|--|
| Melting point | Inconclusive data. |
| Initial boiling point and range | Inconclusive data. |
| Flash point | 250°C OC (Open cup). |
| Evaporation rate | Inconclusive data. |
| Evaporation factor | Inconclusive data. |
| Flammability (solid, gas) | Inconclusive data. |
| Upper/lower flammability or explosive limits | Inconclusive data. |
| Other flammability | Inconclusive data. |
| Vapour pressure | Inconclusive data. |
| Vapour density | Inconclusive data. |
| Relative density | 0,86 g/ml @ 15°C |
| Bulk density | ~ 0.88 g/ml |
| Solubility(ies) | Insoluble in water. |
| Partition coefficient | Inconclusive data. |
| Auto-ignition temperature | Inconclusive data. |
| | |
| Decomposition Temperature | Data lacking. |
| Decomposition Temperature Viscosity | Data lacking. ~320 cSt @ 40°C |
| | - |
| Viscosity | ~320 cSt @ 40°C Inconclusive data. |
| Viscosity Explosive properties Explosive under the influence of a | ~320 cSt @ 40°C Inconclusive data. |
| Viscosity Explosive properties Explosive under the influence of a flame | ~320 cSt @ 40°C Inconclusive data. No other information known. |
| Viscosity Explosive properties Explosive under the influence of a flame Oxidising properties | ~320 cSt @ 40°C Inconclusive data. No other information known. No other information known. |
| Viscosity Explosive properties Explosive under the influence of a flame Oxidising properties Comments | ~320 cSt @ 40°C Inconclusive data. No other information known. No other information known. No other information known. |
| Viscosity Explosive properties Explosive under the influence of a flame Oxidising properties Comments Particle characteristic | ~320 cSt @ 40°C Inconclusive data. No other information known. No other information known. No other information known. |
| Viscosity Explosive properties Explosive under the influence of a flame Oxidising properties Comments Particle characteristic 9.2. Other information | ~320 cSt @ 40°C Inconclusive data. No other information known. No other information known. No other information known. Not applicable |
| Viscosity Explosive properties Explosive under the influence of a flame Oxidising properties Comments Particle characteristic 9.2. Other information Other information | ~320 cSt @ 40°C Inconclusive data. No other information known. No other information known. No other information known. Not applicable |
| Viscosity Explosive properties Explosive under the influence of a flame Oxidising properties Comments Particle characteristic 9.2. Other information Other information Refractive index | ~320 cSt @ 40°C Inconclusive data. No other information known. No other information known. No other information known. Not applicable No other information known. No other information known. |
| Viscosity Explosive properties Explosive under the influence of a flame Oxidising properties Comments Particle characteristic 9.2. Other information Other information Refractive index Particle size | ~320 cSt @ 40°C Inconclusive data. No other information known. No other information known. No other information known. Not applicable No other information known. No other information known. No other information known. |
| Viscosity Explosive properties Explosive under the influence of a flame Oxidising properties Comments Particle characteristic 9.2. Other information Other information Refractive index Particle size Molecular weight | ~320 cSt @ 40°C Inconclusive data. No other information known. No other information known. No other information known. Not applicable No other information known. No other information known. No other information known. |
| Viscosity Explosive properties Explosive under the influence of a flame Oxidising properties Comments Particle characteristic 9.2. Other information Other information Refractive index Particle size Molecular weight Volatility | ~320 cSt @ 40°C Inconclusive data. No other information known. No other information known. |



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| SECTION 10: Stability and reactiv | ity | |
|--|---|--|
| 10.1. Reactivity | | |
| Reactivity | There are no known reactivity hazards associated with this product. | |
| 10.2. Chemical stability | | |
| Stability | Stable at normal ambient temperatures. | |
| 10.3. Possibility of hazardous read | tions | |
| Possibility of hazardous reactions | Under normal conditions of storage and use, no hazardous reactions will occur. | |
| 10.4. Conditions to avoid | | |
| Conditions to avoid | Avoid excessive heat for prolonged periods of time. Keep away from heat, sparks and open flame. | |
| 10.5. Incompatible materials | | |
| Materials to avoid | Strong oxidising agents. | |
| 10.6. Hazardous decomposition products | | |
| Hazardous decomposition products | Fire creates: Carbon monoxide (CO). | |
| SECTION 11: Toxicological inform | ation | |
| 11.1. Information on toxicological | effects | |
| Information on hazard classes as defined in Regulation (EC) No 1272/2008 | | |
| Other health effects | Based on available data the classification criteria are not met. | |
| Toxicological effects | Based on available data the classification criteria are not met. | |
| Acute toxicity - oral | | |
| Summary | Based on available data the classification criteria are not met. | |
| Notes (oral LD₅₀) | Based on available data the classification criteria are not met. | |
| Acute toxicity - dermal | Deced on available data the classification ariteric are not mat | |
| | Based on available data the classification criteria are not met. | |
| Notes (dermal LD₅o) | Based on available data the classification criteria are not met. | |
| ATE dermal (mg/kg) | 23,076,923.0 | |
| Acute toxicity - inhalation Summary | Based on available data the classification criteria are not met. | |
| Notes (inhalation LC ₅₀) | Based on available data the classification criteria are not met. | |
| ATE inhalation (gases ppm) | 7,692,308.0 | |
| ATE inhalation (vapours mg/l) | 38,462.0 | |
| ATE inhalation (dusts/mists mg/l) | 3,846.0 | |
| Skin corrosion/irritation Summary | Based on available data the classification criteria are not met. | |



| Skin corrosion/irritation | Based on available data the classification criteria are not met. | |
|--|---|--|
| Animal data | Based on available data the classification criteria are not met. | |
| Human skin model test | Based on available data the classification criteria are not met. | |
| Extreme pH | Based on available data the classification criteria are not met. | |
| Serious eye damage/irritation | | |
| Summary | Based on available data the classification criteria are not met. | |
| Serious eye damage/irritation | Based on available data the classification criteria are not met. | |
| Respiratory sensitisation | | |
| Summary | Based on available data the classification criteria are not met. | |
| Respiratory sensitisation | Based on available data the classification criteria are not met. | |
| Skin sensitisation | | |
| Summary | Based on the available data, the product is not expected to have a skin sensitizing effect. | |
| Skin sensitisation | Based on available data the classification criteria are not met. | |
| Germ cell mutagenicity | | |
| Summary | Based on available data the classification criteria are not met. | |
| Genotoxicity - in vitro | Based on available data the classification criteria are not met. | |
| Genotoxicity - in vivo | Based on available data the classification criteria are not met. | |
| Carcinogenicity | | |
| Summary | Based on available data the classification criteria are not met. | |
| Carcinogenicity | Based on available data the classification criteria are not met. | |
| Target organ for carcinogenicity | No specific target organs known. | |
| IARC carcinogenicity | Based on available data the classification criteria are not met. | |
| NTP carcinogenicity | Based on available data the classification criteria are not met. | |
| Reproductive toxicity | | |
| Summary | Based on available data the classification criteria are not met. | |
| Reproductive toxicity - fertility | Based on available data the classification criteria are not met. | |
| Reproductive toxicity - development | Based on available data the classification criteria are not met. | |
| Specific target organ toxicity - single exposure | | |
| Summary | Based on available data the classification criteria are not met. | |
| STOT - single exposure | Based on available data the classification criteria are not met. | |
| Target organs | No specific target organs known. | |
| Specific target organ toxicity - rep | eated exposure | |
| Summary | Based on available data the classification criteria are not met. | |
| STOT - repeated exposure | Based on available data the classification criteria are not met. | |
| | | |



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

| Target organs | No specific target organs known. |
|---|--|
| Aspiration hazard | |
| Summary | Based on available data the classification criteria are not met. |
| Aspiration hazard | Based on available data the classification criteria are not met. |
| | |
| Toxicokinetics | No other information known. |
| General information | No other information known. |
| Inhalation | Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing. |
| Ingestion | May cause discomfort if swallowed. |
| Skin contact | Skin irritation should not occur when used as recommended. |
| Eye contact | Vapour or spray in the eyes may cause irritation and smarting. |
| Acute and chronic health hazards | No other information known. |
| Route of exposure | No other information known. |
| Target organs | No other information known. |
| Medical symptoms | No other information known. |
| Medical considerations | No other information known. |
| 11.2 Information on other hazards | |
| Information on other hazards | This product does not have endocrine disrupting properties. |
| SECTION 12: Ecological information | on |
| Ecotoxicity | Harmful to aquatic life with long lasting effects. |
| 12.1. Toxicity | |
| Toxicity | Harmful to aquatic life with long lasting effects. |
| Acute aquatic toxicity | |
| Summary | No other information known. |
| Acute toxicity - fish | No other information known. |
| Acute toxicity - aquatic invertebrates | No other information known. |
| Acute toxicity - aquatic plants | No other information known. |
| Acute toxicity - microorganisms | No other information known. |
| Acute toxicity - terrestrial | No other information known. |
| . | |

SummaryNo other information known.Chronic toxicity - fish early lifeNo other information known.stage

Chronic aquatic toxicity



| Short term toxicity - embryo and sac fry stages | No other information known. |
|--|---|
| Chronic toxicity - aquatic invertebrates | No other information known. |
| Toxicity to soil | No other information known. |
| Toxicity to terrestrial plants | No other information known. |
| 12.2. Persistence and degradabili | ty |
| Persistence and degradability | The degradability of the product is not known. |
| Phototransformation | No other information known. |
| Stability (hydrolysis) | No other information known. |
| Biodegradation | No other information known. |
| Biological oxygen demand | No other information known. |
| Chemical oxygen demand | No other information known. |
| 12.3. Bioaccumulative potential | |
| Bioaccumulative potential | No other information known. |
| Partition coefficient | Inconclusive data. |
| 12.4. Mobility in soil | |
| Mobility | The product is immiscible with water and will spread on the water surface. |
| Adsorption/desorption coefficient | No other information known. |
| Henry's law constant | No other information known. |
| Surface tension | No other information known. |
| 12.5. Results of PBT and vPvB as | sessment |
| Results of PBT and vPvB assessment | No other information known. |
| 12.6 Endocrine disrupting properties | |
| Endocrine disrupting properties | This product does not have endocrine disrupting properties. |
| 12.6. Other adverse effects | |
| Other adverse effects | No other information known. |
| SECTION 13: Disposal considera | tions |
| 13.1. Waste treatment methods | |
| General information | The generation of waste should be minimised or avoided wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. |
| Disposal methods | Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of contents/container in accordance with local regulations. Avoid the spillage or runoff entering drains, sewers or watercourses. Environmental Manager must be informed of all major spillages. |



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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

| Waste class | The waste code classification is to be carried out according to the European Weste Catalacus (EWC) |
|--|--|
| | The waste code classification is to be carried out according to the European Waste Catalogue (EWC). |
| SECTION 14: Transport informati | on |
| General | The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). |
| 14.1. UN number | |
| UN number or ID number | |
| Not applicable. | |
| 14.2. UN proper shipping name | |
| Not applicable. | |
| 14.3. Transport hazard class(es) | |
| No transport warning sign require | d. |
| Transport labels No transport warning sign require | d. |
| 14.4. Packing group | |
| Not applicable. | |
| 14.5. Environmental hazards | |
| Environmentally hazardous subst | ance/marine pollutant |
| 14.6. Special precautions for user | r de la companya de la companya de la companya de la companya de la companya de la companya de la companya de l |
| Not applicable. | |
| 14.7. Transport in bulk according | to Annex II of MARPOL and the IBC Code |
| Maritime transport in bulk according to IMO instruments | Not applicaple |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. |
| SECTION 15: Regulatory information | tion |
| 15.1. Safety, health and environm | nental regulations/legislation specific for the substance or mixture |
| National regulations | T. C. Regulation on the Classification, Labeling and Packaging of Substances and Mixtures No. 28848, dated 11 December 2013, by the Ministry of Environment and Urbanization. According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010 |
| EU legislation | Dangerous Preparations Directive 1999/45/EC. |

Dangerous Substances Directive 67/548/EEC. Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended). Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

Commission Regulation (EU) No 453/2010 of 20 May 2010.



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

| Guidance | Safety Data Sheets for Substances and Preparations. Source: European Chemicals Agency, http://echa.europa.eu/ |
|-----------------------------------|--|
| Health and environmental listings | Hazardous ingredients are listed. |

15.2. Chemical safety assessment

Not applicable.

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SECTION 16: Other information

| Abbreviations and acronyms used | E.U. : European union |
|----------------------------------|--|
| in the safety data sheet | T.C. : Republic of Turkey |
| | TWA: Workplace exposure limits |
| | CAS: Chemical Abstracts Service. |
| | DNEL: Derived No Effect Level. |
| | IATA: International Air Transport Association. |
| | IMDG: International Maritime Dangerous Goods. |
| | LC_{50} : Lethal Concentration to 50 % of a test population. |
| | LD ₅₀ : Lethal Dose to 50% of a test population (Median Lethal Dose). |
| | PBT: Persistent, Bioaccumulative and Toxic substance. |
| | PNEC: Predicted No Effect Concentration. |
| | REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. |
| | vPvB: Very Persistent and Very Bioaccumulative. |
| | MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. |
| | vPvB: Very Persistent and Very Bioaccumulative. |
| | BCF: Bioconcentration Factor. |
| | LOAEL: Lowest Observed Adverse Effect Level. |
| | NOAEL: No Observed Adverse Effect Level. |
| | NOEC: No Observed Effect Concentration. |
| | DMEL: Derived Minimal Effect Level. |
| Classification abbreviations and | Acute Tox. = Acute toxicity |
| acronyms | Flam. Liq. = Flammable liquid |
| | Asp. Tox. = Aspiration hazard |
| | STOT SE = Specific target organ toxicity-single exposure |
| | STOT RE = Specific target organ toxicity-repeated exposure |
| | Skin Corr. = Skin corrosion |
| | Skin Sens. = Skin sensitisation |
| | Skin Irrit. = Skin irritation |
| | Eye Dam. = Serious eye damage |
| | Eye Irrit. = Eye irritation |
| | Carc. = Carcinogenicity |
| | Aquatic Acute = Hazardous to the aquatic environment (acute) |
| | Aquatic Chronic = Hazardous to the aquatic environment (chronic) |



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

| General information | MSDS Distribution : The information in this document should be made available to all who may handle the product. Uses and Restrictions : This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters. Only trained personnel should use this material. Disclaimer : This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. |
|--|---|
| Key literature references and sources for data | This SDS is prepared based on the information received from raw material suppliers. |
| Classification procedures according to Regulation (EC) 1272/2008 | Not classified for physical hazards.: Calculation method., Supplier information |
| Training advice | Untrained personnel should not use. |
| Revision comments | Revised classification. |
| Issued by | Sena Ezgi Selçuk Chemical Assessment Specialist (Certificate No: KDU01.29.06 17.12.2027) |
| Revision date | 02/07/2024 |
| Revision | 3 |
| Supersedes date | 17/06/2011 |
| SDS number | 10266 |
| Hazard statements in full | EUH208 Contains Long chain alkyl amine. May produce an allergic reaction. |

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.