

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 29-3-2018 Revision date: 15-11-2022 Supersedes: 19-4-2022 Version: 1.2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| Product form | |
|---------------|--|
| Product name | |
| Product code | |
| Product group | |

: Eurol ATF 7400 : E113647 : Trade product

: Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Intended for general public Main use category Use of the substance/mixture Function or use category

: Industrial use, professional use, Consumer use

: Lubricant

: Lubricants and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Eurol bv. B.V. Energiestraat 12 P.O. Box P.O. Box 135 NL– 7442 DA Nijverdal The Netherlands T +31 548 615165 reach@eurol.com - www.eurol.com

1.4. Emergency telephone number

Emergency number

: +31 79 3467 808 EVOFENEDEX

| Country | Organisation/Company | Address | Emergency number | Comment |
|----------------|--|--|--|-----------------------------------|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| Malta | Medicines & Poisons Info Office | Mater Dei Hospital MSD 2090 Msida | +356 2545 6508 | |
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH Birmingham | 0344 892 0111 | Only for healthcare professionals |
| United Kingdom | NHS 111/NHS 24/NHS Direct | Edinburgh | 111 0845 4647 | or call a doctor |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the aquatic environment – Chronic Hazard, Category 3

Full text of H- and EUH-statements: see section 16

H412

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

| Labelling according to Regulation (EC) No. 1272 | 2/2008 [CLP] |
|--|--|
| CLP Signal word | :• |
| Hazard statements (CLP) | : H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | : P102 - Keep out of reach of children. |
| | P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| EUH-statements | EUH208 - Contains Benzene, polypropene derivatives, sulfonated, calcium salts, 1,2- Propanediol, 3-amino-, N,Ndicoco alkyl derivs, 2-tetradecyloxirane, reaction products with boric acid. May produce an allergic reaction. |
| Child-resistant fastening | : Not applicable |
| Tactile warning | : Not applicable |
| 2.3. Other hazards | |
| Other hazards not contributing to the classification | : This product floats on water and may affect the oxygen-balance in the water. The base oil contains less than 3% DMSO-extract measured according IP 346, therefore it is NOT classified as T/R45: May cause cancer" (Note L).". |

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|--------|---|
| Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based | CAS-No.: 72623-87-1 EC-No.: 276-738-4 REACH-no: 01-2119474889- 13 | ≥ 50 | Asp. Tox. 1, H304 |
| Mineral Oil | - | 5 – 10 | Asp. Tox. 1, H304 |
| Distillates (petroleum), hydrotreated light paraffinic | CAS-No.: 64742-55-8 EC-No.: 265-158-7 EC Index-No.: 649-468-00-3 REACH-no: 01-2119487077- 29 | 1 – 3 | Asp. Tox. 1, H304 |
| Thiophene, tetrahydro-, 1,1-dioxide, 3- (C9-11- isoalkyloxy) derivs., C10-rich | CAS-No.: 398141-87-2 EC-No.: 800-172-4 REACH-no: 01-2119969520- 35 | 1 – 3 | Aquatic Chronic 2, H411 |
| Reaction products of Benzeneaminephenyl- with nonene (branched) phenyl- with nonene (branched) | EC-No.: 701-385-4 REACH-no: 01-2119488911- 28 | 1 – 3 | Aquatic Chronic 4, H413 |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|---------|---|
| 1,2-Propanediol, 3-amino-, N,Ndicoco alkyl derivs. | EC-No.: 482-000-4 REACH-no: 01-0000020142- 86 | 0,1 – 1 | Skin Sens. 1, H317 Aquatic Chronic 3, H412 |
| 1-(tert-Dodecylthio)propan-2-ol | CAS-No.: 67124-09-8 EC-No.: 266-582-5 | 0,1 – 1 | Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Benzene, polypropene derivatives, sulfonated, calcium salts | EC-No.: Polymer | 0,1 – 1 | Skin Sens. 1, H317 |
| methyl-1H-benzotriazole | CAS-No.: 29385-43-1 EC-No.: 249-596-6 REACH-no: 01-2119979081- 35 | 0,1 – 1 | Acute Tox. 4 (Oral), H302 Repr. 2, H361d Aquatic Chronic 2, H411 |
| 2-tetradecyloxirane, reaction products with boric acid | EC-No.: 701-392-2 REACH-no: 01-2119976364- 28 | 0,1 – 1 | Skin Sens. 1B, H317 |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol | CAS-No.: 1218787-32-6 EC-No.: 620-540-6 REACH-no: 01-2119510877- 33 | < 0,1 | Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411 |

Full text of H- and EUH-statements: see section 16

| SECTION 4: First aid measures | |
|--|---|
| 4.1. Description of first aid measures | |
| First-aid measures general | : Seek medical attention if ill effect develops. |
| First-aid measures after inhalation | : Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice. Allow the victim to rest. |
| First-aid measures after skin contact | Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. High-pressure injection under skin may cause serious damage. Seek medical attention if ill effect or irritation develops. |
| First-aid measures after eye contact | : Remove contact lenses, if present and easy to do. Continue rinsing. Ensure adequate flushing of eyes by separating eyelids with the fingers. Obtain medical attention if pain, blinking, tears or redness persist. |
| First-aid measures after ingestion | : Consult a doctor/medical service if you feel unwell. If vomiting occurs spontaneously, keep head below the hips to prevent aspiration. Do not induce vomiting. |
| 4.2. Most important symptoms and effects, | both acute and delayed |
| Symptoms/effects after inhalation | : At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occurs. |
| Symptoms/effects after skin contact | : Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis. High pressure injection of product into the skin may lead to local necrosis if the product is not surgically removed. |
| Symptoms/effects after eye contact | : Unlikely to cause more than transient stinging or redness if accidental eye contact occurs. |
| Symptoms/effects after ingestion | : Bad taste. Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea. |
| Symptoms/effects upon intravenous administration | : Unknown. |
| | |

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| SECTION 5: Firefighting measures | |
|---|--|
| 5.1. Extinguishing media | |
| Suitable extinguishing media Unsuitable extinguishing media | carbon dioxide (CO2), dry chemical powder, foam. Water fog. Do not use a heavy water stream. Use of heavy stream of water may spread fire. |
| 5.2. Special hazards arising from t | he substance or mixture |
| Fire hazard Explosion hazard | Combustion generates: CO, CO2, POx, NOx, SOx, H2S. Not expected to be a fire/explosion hazard under normal conditions of use. |
| 5.3. Advice for firefighters | |
| Precautionary measures fire Firefighting instructions Protection during firefighting Other information | Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Use self-contained breathing apparatus and chemically protective clothing. Prevent fire fighting water from entering the environment. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations. |

| SECTION 6: Accidental release measures | |
|--|--|
| 6.1. Personal precautions, protective | equipment and emergency procedures |
| General measures | : Spill area may be slippery. Prevent soil and water pollution. Prevent entry to sewers and public waters. |
| 6.1.1. For non-emergency personnel | |
| Protective equipment | : When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required. Use protective clothing. |
| Emergency procedures | : Consider evacuation. |
| 6.1.2. For emergency responders | |
| Protective equipment | : When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required. |
| Emergency procedures | : No specific measures are necessary. |
| 6.2. Environmental precautions | |

Dike for recovery or absorb with appropriate material. Notify authorities if product enters sewers or public waters. Prevent soil and water pollution. Prevent liquid from entering sewers, watercourses, underground or low areas. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

| 6.3. Methods and material for con | ntainment and cleaning up |
|-----------------------------------|--|
| For containment | : Large quantities: Contain large spillage with sand or earth. |
| Methods for cleaning up | : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Take up large spills with pump or vacuum and finish with dry chemical absorbent. |
| Other information | : Use suitable disposal containers. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations. On water, recover/skim from surface and pour out in disposal container. |

6.4. Reference to other sections

For further information refer to section 13.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such flame, sparks, static electricity, or other sources of ignition. They may injury or death. Empty containers should be completely drained, proprior death. Empty containers should be completely drained, proprior death. Empty containers or disposed of properly. Precautions for safe handling : Avoid prolonged and repeated contact with skin. May be dangerously. Where contact with eyes or skin is likely, wear suitable protection. Do smoke during use. Remove contaminated clothing and shoes. Hygiene measures : Take all necessary measures to avoid accidental discharge of product waterways due to the rupture of containers or transfer systems. Handling | | SECTION 7: Handling and storage |
|---|---|------------------------------------|
| Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such flame, sparks, static electricity, or other sources of ignition. They may injury or death. Empty containers should be completely drained, proprior death. Empty containers should be completely drained, proprior death. Empty containers or disposed of properly. Precautions for safe handling : Avoid prolonged and repeated contact with skin. May be dangerously. Where contact with eyes or skin is likely, wear suitable protection. Do smoke during use. Remove contaminated clothing and shoes. Hygiene measures : Take all necessary measures to avoid accidental discharge of product waterways due to the rupture of containers or transfer systems. Handling | | 7.1. Precautions for safe handling |
| Where contact with eyes or skin is likely, wear suitable protection. Do smoke during use. Remove contaminated clothing and shoes. Hygiene measures : Take all necessary measures to avoid accidental discharge of product waterways due to the rupture of containers or transfer systems. Hand | containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, sparks, static electricity, or other sources of ignition. They may explode and cause r death. Empty containers should be completely drained, properly closed, and ly returned to a drum reconditioner or disposed of properly. | Additional hazards when processed |
| waterways due to the rupture of containers or transfer systems. Hand | rolonged and repeated contact with skin. May be dangerously slippery if spilled. contact with eyes or skin is likely, wear suitable protection. Do not eat, drink or during use. Remove contaminated clothing and shoes. | Precautions for safe handling |
| soap and water before eating, drinking or smoking and when leaving | Il necessary measures to avoid accidental discharge of products into drains and ays due to the rupture of containers or transfer systems. Handle in accordance with dustrial hygiene and safety practice. Wash hands and other exposed areas with mild nd water before eating, drinking or smoking and when leaving work. Where contact es or skin is likely, wear suitable protection. Wash contaminated clothing before | Hygiene measures |

| Technical measures | : Keep container tightly closed and in well ventilated place. |
|------------------------------|---|
| Storage conditions | : Keep only in original container. |
| Incompatible products | : Reacts vigorously with strong oxidizers and acids. |
| Maximum storage period | : 5 year |
| Storage temperature | : ≤ 40 °C |
| Information on mixed storage | : Keep away from : Oxidizing materials. Strong acids. |
| Storage area | : Store at ambient temperature. |
| Special rules on packaging | : Keep container tightly closed and dry. |
| 7.3. Specific end use(s) | |

No additional information available

| 8.1. Control parameters | |
|---|--|
| 3.1.1 National occupational exposure and No additional information available | biological limit values |
| 3.1.2. Recommended monitoring procedu No additional information available | es |
| 3.1.3. Air contaminants formed No additional information available | |
| 3.1.4. DNEL and PNEC Exposure-value for oil mist | : 10 mg/m3 (15 min.) or 5 mg/m3 (8 hours). |
| 3.1.5. Control banding No additional information available | |
| 8.2. Exposure controls | |

Appropriate engineering controls:

Large quantities: Contain large spillage with sand or earth.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. In case of splash hazard: safety glasses. Eye protection should only be necessary where liquid could be splashed or sprayed.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Eye protection should only be necessary where liquid could be splashed or sprayed

8.2.2.2. Skin protection

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use. Avoid repeated or prolonged skin contact. If repeated skin contact or contamination of clothing is likely, protective clothing should be worn. Equipment should conform to EN 166.

Hand protection:

In case of repeated or prolonged contact wear gloves. The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream). The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

Other skin protection

Materials for protective clothing:

PVC gloves. Neoprene or nitrile rubber gloves

8.2.2.3. Respiratory protection

Respiratory protection:

Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment. Respiratory protective equipment must be checked to ensure it fits correctly each time it is worn. Provided an air-filtering/air-purifying respirator is suitable, a filter for particulates can be used for mist or fume. Use filter type P or comparable standard. A combination filter for particles and organic gases and vapours (boiling point >65°C) may be required if vapour or abnormal odour is also present due to high product temperature. Use filter type AP or comparable standard.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

See Heading 12. See Heading 6.

Consumer exposure controls:

PVC gloves. Neoprene or nitrile rubber gloves.

Other information:

Do not put the product-soaked rags into the pockets of working clothes. Do not use cloths stained with the product to dry hands. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke during use. Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Physical state | : Liquid |
|-----------------------------|-------------------|
| Colour | : red. |
| Appearance | : Oily. Liquid. |
| Odour | : characteristic. |
| Odour threshold | : Not available |
| Melting point | : Not available |
| Freezing point | : Not available |
| Boiling point | : > 280 °C |
| Flammability | : Not available |
| Explosive limits | : 0,6 – 7 vol % |
| Lower explosive limit (LEL) | : Not available |
| Upper explosive limit (UEL) | : Not available |
| | |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Flash point | : 174 °C |
|---------------------------------|---------------------------------|
| Auto-ignition temperature | : >240 °C |
| Decomposition temperature | : Not available |
| pH | : Not available |
| Viscosity, kinematic | : 25 – 50 mm²/s |
| Solubility | : insoluble in water. |
| Log Kow | : Not available |
| Log Pow | : >3 |
| Vapour Pressure 20°C | : <0,1 hPa |
| Vapour pressure at 50°C | : Not available |
| Density | : 0,8434 (0,8424 – 0,8444) kg/l |
| Relative density | : Not available |
| Relative vapour density at 20°C | : >1 (air=1) |
| Particle characteristics | : Not applicable |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

| Explosion limits | : | 0,6 – 7 vol % |
|--|---|---|
| 9.2.2. Other safety characteristics | | |
| Relative evaporation rate (butylacetate=1) | : | < 0,1 |
| VOC content | : | 0 % |
| Other properties | : | Gas/vapour heavier than air at 20° C |

| SECTION 10: Stability and reactivity |
|--|
| 10.1. Reactivity |
| Stable under normal conditions of use. |
| 10.2. Chemical stability |
| Stable under normal conditions. |
| 10.3. Possibility of hazardous reactions |
| Refer to section 10.1 on Reactivity. |
| 10.4. Conditions to avoid |
| Moisture. Overheating. |
| 10.5. Incompatible materials |
| Strong oxidizing agents. Strong acids. |
| 10.6. Hazardous decomposition products |
| No additional information available |

| SECTION 11: Toxicological information | |
|---|---|
| 11.1. Information on hazard classes as o | fined in Regulation (EC) No 1272/2008 |
| Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) | Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) |
| methyl-1H-benzotriazole (29385-43-1) | |
| LD50 oral | 720 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Respiratory or skin sensitisation | : Not classified |
|------------------------------------|------------------|
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Eurol ATF 7400 | |
| Viscosity, kinematic | 25 – 50 mm²/s |
| 11.2. Information on other hazards | |

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Other information

: Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar products, Likely route of exposure: ingestion, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

| Ecology - general : | Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products. |
|--|--|
| (acute) | This product floats on water and may affect the oxygen-balance in the water. Not classified Harmful to aquatic life with long lasting effects. |
| Mineral Oil | |
| LC50 fish 1 | > 100 mg/l Pimephales promelas |
| EC50 Daphnia 1 | > 10000 mg/l |
| EC50 72h - Algae [1] | > 100 mg/l Scenedesmus quadricauda |
| Thiophene, tetrahydro-, 1,1-dioxide, 3- (C9-11 | -isoalkyloxy) derivs., C10-rich (398141-87-2) |
| LC50 fish 1 | 2,4 mg/l Oncorhynchus mykiss (Rainbow trout) |
| LC50 fish 2 | 3,3 mg/l Cyprinodon variegatus |
| EC50 Daphnia 1 | 4,6 mg/l EC50 48h - Daphnia magna [mg/l] |
| EC50 72h - Algae [1] | 63 mg/l Chlorophyta |
| NOEC chronic fish | 1 mg/l Brachydanio rerio (zebra-fish) |
| NOEC chronic crustacea | 0,63 mg/l daphnia |
| NOEC chronic algae | 0,313 mg/l Chlorophyta |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated | l) alkyl imino) diethanol (1218787-32-6) |
| LC50 fish 1 | 0,1 mg/kg Brachydanio rerio (zebra-fish) |
| EC50 Daphnia 1 | 0,043 mg/l EC50 24h - Daphnia magna [mg/l] |
| EC50 72h - Algae [1] | 0,0538 mg/l Pseudokirchneriella subcapitat |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| methyl-1H-benzotriazole (29385-43-1) | | | |
|--|--|--|--|
| LC50 fish 1 | 55 mg/l Cyprinodon variegatus | | |
| EC50 Daphnia 1 | 55 mg/l Arcartia tonsa | | |
| EC50 72h - Algae [1] | 53 mg/l Skeletonema costatum | | |
| 12.2. Persistence and degradability | | | |
| Eurol ATF 7400 | | | |
| Persistence and degradability | Not readily biodegradable. | | |
| Mineral Oil | | | |
| Biodegradation | 31 % OECD TG 301 B | | |
| Thiophene, tetrahydro-, 1,1-dioxide, 3- (C9-11 | -isoalkyloxy) derivs., C10-rich (398141-87-2) | | |
| Biodegradation | 9,6 % MITI - 28 days | | |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated | l) alkyl imino) diethanol (1218787-32-6) | | |
| Biodegradation | 63 % | | |
| 12.3. Bioaccumulative potential | | | |
| Eurol ATF 7400 | | | |
| Log Pow | > 3 | | |
| Bioaccumulative potential | This product is not expected to bioaccumulate through food chains in the environment. | | |
| Thiophene, tetrahydro-, 1,1-dioxide, 3- (C9-11 | Thiophene, tetrahydro-, 1,1-dioxide, 3- (C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2) | | |
| Bioconcentration factor (BCF REACH) | 27,54 | | |
| Log Kow | 4,1 Partition coefficient n-octanol/water [log Kow] | | |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated | l) alkyl imino) diethanol (1218787-32-6) | | |
| Bioconcentration factor (BCF REACH) | 110,2 | | |
| Log Kow | 3,6 | | |
| 12.4. Mobility in soil | | | |
| Eurol ATF 7400 | | | |
| Ecology - soil | Not miscible with water. Spillages may penetrate the soil causing ground water contamination. This product floats on water and may affect the oxygen-balance in the water. | | |
| 12.5. Results of PBT and vPvB assessment | | | |
| No additional information available | | | |
| 12.6. Endocrine disrupting properties | | | |
| No additional information available | | | |
| 12.7. Other adverse effects | | | |
| | | | |

No additional information available

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| SECTION 13: Disposal considerations | |
|--|---|
| 13.1. Waste treatment methods | |
| Regional legislation (waste) Waste disposal recommendations | Disposal must be done according to official regulations. Dispose in a safe manner in accordance with local/national regulations. Do not discharge into drains or the environment. |
| Additional information | : Hazardous waste. |
| Ecology - waste materials | : Every mixture with foreign substances such as solvents, brake- and cooling liquids is forbidden. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly. When not empty dispose of this container at hazardous or special waste collection point. |
| European List of Waste (LoW) code | : 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils |

uropean List of Waste (LoW) code

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | ΙΑΤΑ | ADN | RID |
|--------------------------|----------------|----------------|----------------|----------------|
| 14.1. UN number or ID n | umber | · · · · · · | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.2. UN proper shippin | g name | | | · |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard o | class(es) | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | · | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental haz | zards | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

| EU restriction list (REACH Annex XVII) | | |
|--|--|--|
| Reference code | Applicable on | |
| 3(b) | Mineral Oil ; Distillates (petroleum), hydrotreated light paraffinic ; Benzene, polypropene derivatives, sulfonated, calcium salts ; 1,2-Propanediol, 3-amino-, N,Ndicoco alkyl derivs. ; 1-(tert-Dodecylthio)propan-2-ol ; 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol ; Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based ; methyl-1H-benzotriazole ; 2-tetradecyloxirane, reaction products with boric acid | |
| 3(c) | Eurol ATF 7400 ; Thiophene, tetrahydro-, 1,1-dioxide, 3- (C9-11-isoalkyloxy) derivs., C10-rich ; 1,2-Propanediol, 3- amino-, N,Ndicoco alkyl derivs. ; 1-(tert-Dodecylthio)propan-2-ol ; 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol ; methyl-1H-benzotriazole ; Reaction products of Benzeneaminephenyl- with nonene (branched) phenyl- with nonene (branched) | |

Contains no substance(s) listed on the REACH Candidate List

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer) Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors) VOC content : 0 %

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

| Full text of H- and EUH-statements: | | |
|-------------------------------------|--|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 | |
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 | |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 | |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 | |
| Aquatic Chronic 3 | Hazardous to the aquatic environment – Chronic Hazard, Category 3 | |
| Aquatic Chronic 4 | Hazardous to the aquatic environment – Chronic Hazard, Category 4 | |
| Asp. Tox. 1 | Aspiration hazard, Category 1 | |
| EUH208 | Contains Benzene, polypropene derivatives, sulfonated, calcium salts, 1,2-Propanediol, 3-amino-, N,Ndicoco alkyl derivs, 2-tetradecyloxirane, reaction products with boric acid. May produce an allergic reaction. | |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 | |
| H302 | Harmful if swallowed. | |
| H304 | May be fatal if swallowed and enters airways. | |
| H314 | Causes severe skin burns and eye damage. | |
| H317 | May cause an allergic skin reaction. | |
| H318 | Causes serious eye damage. | |
| H361d | Suspected of damaging the unborn child. | |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Full text of H- and EUH-statements: | |
|-------------------------------------|---|
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| H413 | May cause long lasting harmful effects to aquatic life. |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Corr. 1C | Skin corrosion/irritation, Category 1, Sub-Category 1C |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| Skin Sens. 1B | Skin sensitisation, category 1B |

Safety Data Sheet (SDS), EU

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.