

QUANTUM® HYDROIL HM-68

Safety Data Sheet
 according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
 Date of issue: 8/15/2018 Supersedes: 6/1/2017

| 1.1. Product identifier | |
|--|--|
| Product form | : Mixture |
| Product name | : QUANTUM® HYDROIL HM-68 |
| Product code | : T5303 |
| Type of product | : Use in lubricants,Hydraulic Fluids |
| Synonyms | : Hydraulic oils |
| Product group | : Blend |
| 1.2. Relevant identified uses of the | e substance or mixture and uses advised against |
| 1.2.1. Relevant identified uses | |
| Intended for general public | |
| Main use category | : Industrial use, Professional use |
| Industrial/Professional use spec | : Use in functional fluids |
| | Distribution Formulation & (re)packing of substances and mixtures |
| Function or use category | : Hydraulic fluids and additives |
| anonon or doo odtogory | |
| 1.2.2. Uses advised against | |
| No additional information available | |
| 1.3. Details of the supplier of the s | afety data sheet |
| | |
| Supplier QUANTUM LUBRICANTS G. Karamichalis & CO EE 35 D. Gounari Str. 165 62 Glyfada - Greece | |
| T + 30 210 963 85 10 <u>quantum@quantum-oils.com</u> - <u>http://www.</u> | <u>quantum-oils.com</u> |
| 1.4. Emergency telephone number | |
| Emergency number | : +30 210 779 37 77 |
| SECTION 2: Hazards identificat | ion |
| 2.1. Classification of the substanc | e or mixture |
| Classification according to Regulation | (EC) No. 1272/2008 [CLP] |
| Hazardous to the aquatic environment — (| Chronic Hazard, Category 3 H412 |
| Full text of H statements : see section 16 | |
| | |
| Adverse physicochemical, human healt Harmful to aquatic life with long lasting effe | |
| 2.2. Label elements | |
| Labelling according to Regulation (EC) | No. 1272/2008 [CLP] |
| Signal word (CLP) | |
| Hazard statements (CLP) | - H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P273 - Avoid release to the environment. P501 - Dispose of contents/container to hazardous or special waste collection point, in |
| | accordance with local, regional, national and/or international regulation. |
| | |
| EUH-statements | : EUH210 - Safety data sheet available on request. |

2.3. Other hazards

Other hazards not contributing to the classification

: None under normal conditions.

PBT: not relevant - no registration required

vPvB: not relevant – no registration required

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] |
|---|---|---------|---|
| Distillates (petroleum), hydrotreated heavy paraffinic | (CAS-No.) 64742-54-7 (EC-No.) 265-157-1 (REACH-no) 01-2119484627-25-0035; 01- 2119484627-25-0025;01-2119471299-27- 0019 | 0 - 100 | Not classified |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | (CAS-No.) 64742-65-0 (EC-No.) 265-169-7 (REACH-no) 01-2119471299-27-0016;01- 2119471299-27-0003 | 0 - 100 | Not classified |
| Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) | (CAS-No.) 4259-15-8 (EC-No.) 224-235-5 (REACH-no) 01-2119493635-27 | < 0.4 | Eye Dam. 1, H318 Aquatic Chronic 2, H411 |
| 2,6-di-tert-butylphenol | (CAS-No.) 128-39-2 (EC-No.) 204-884-0 (REACH-no) 01-2119490822-33 | < 0.2 | Skin Irrit. 2, H315 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

Comments

: Note L : The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

Full text of H-statements: see section 16

| SECTION 4: First aid measures | |
|--|--|
| 4.1. Description of first aid measures | |
| First-aid measures general | : If medical advice is needed, have product container or label at hand. Never give anything by mouth to an unconscious person. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. Get immediate medical advice/attention. |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |
| 4.2. Most important symptoms and effec | ts, both acute and delayed |
| Symptoms/effects after inhalation | : May cause drowsiness or dizziness. May cause headache, nausea and irritation of respiratory tract. |
| Symptoms/effects after skin contact | : Repeated exposure may cause skin dryness or cracking. |
| Symptoms/effects after eye contact | : May cause slight irritation. redness, itching, tears. |
| Symptoms/effects after ingestion | : Ingestion may cause nausea and vomiting. Risk of lung oedema. |
| 4.3. Indication of any immediate medical | attention and special treatment needed |
| Treat symptomatically. | |
| SECTION 5: Firefighting measures | |
| 5.1. Extinguishing media | |
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |
| 5.2. Special hazards arising from the sub | stance or mixture |
| Fire hazard | : In case of fire and/or explosion do not breathe fumes. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
| 5.3. Advice for firefighters | |
| Precautionary measures fire | : Eliminate all ignition sources if safe to do so. Evacuate area. |

Other information

- : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- : On exposure to high temperature, may decompose, releasing toxic gases.

| 6.1. Personal precautions, protective e | equipment and emergency procedures |
|--|---|
| General measures | : Clean up any spills as soon as possible, using an absorbent material to collect it. Eliminate every possible source of ignition. |
| 6.1.1. For non-emergency personnel | |
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing mist, vapours. |
| 6.1.2. For emergency responders | |
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Ventilate area. Stop release. Cover spill with non combustible material, e.g.: sand/earth. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. |
| 6.2. Environmental precautions | |
| Avoid release to the environment. | |
| 6.3. Methods and material for containn | nent and cleaning up |
| For containment | : Collect spillage. |
| Methods for cleaning up | : Take up liquid spill into absorbent material. |
| Other information | : Dispose of materials or solid residues at an authorized site. |
| | |
| 6.4. Reference to other sections | |
| | |
| For further information refer to section 13. | |
| For further information refer to section 13. SECTION 7: Handling and storage | |
| For further information refer to section 13. SECTION 7: Handling and storage 7.1. Precautions for safe handling | : Ensure good ventilation of the work station. Wear personal protective equipment. |
| For further information refer to section 13. SECTION 7: Handling and storage | Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. |
| For further information refer to section 13. SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Hygiene measures | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. |
| For further information refer to section 13. SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Hygiene measures 7.2. Conditions for safe storage, include | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. |
| For further information refer to section 13. SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Hygiene measures 7.2. Conditions for safe storage, includ Fechnical measures | Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. |
| For further information refer to section 13. SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Hygiene measures | Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. ding any incompatibilities Comply with applicable regulations. Use only non-sparking tools. |

SECTION 8: Exposure controls/personal protection

| 8.1. Control parameters | | | |
|--|---------------------------------|----------------------|--|
| QUANTUM® HYDROIL HM-68 | | | |
| EU | IOELV TWA (mg/m ³) | 5 mg/m³ | |
| EU | IOELV STEL (mg/m ³) | 10 mg/m³ | |
| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7) | | | |
| EU | IOELV TWA (mg/m ³) | 5 mg/m ³ | |
| EU | IOELV STEL (mg/m ³) | 10 mg/m ³ | |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) | | | |
| EU | IOELV TWA (mg/m ³) | 5 mg/m ³ | |
| EU | IOELV STEL (mg/m ³) | 10 mg/m³ | |

| 2,6-di-tert-butylphenol (128-39-2) | |
|------------------------------------|--|
| DNEL/DMEL (General population) | |
| 6.75 mg/kg bodyweight/day | |
| 20.9 mg/m³ | |
| 11.25 mg/kg bodyweight/day | |
| | |
| 0.001 mg/l | |
| 0.004 mg/l | |
| | |
| 0.317 mg/kg dwt | |
| | |

| 2,6-di-tert-butylphenol (128-39-2) | | |
|------------------------------------|-----------------|--|
| PNEC sediment (marine water) | 0.032 mg/kg dwt | |
| PNEC (Soil) | | |
| PNEC soil | 0.063 mg/kg dwt | |
| PNEC (STP) | | |
| PNEC sewage treatment plant | 10 mg/l | |
| 8.2. Exposure controls | | |

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Gloves. Protective clothing. Protective goggles.

Hand protection:

protective gloves: neoprene gloves, PVA. Chemical resistant PVC gloves (to European standard EN 374 or equivalent). EN 420

Eye protection:

Safety glasses. EN 166. EN 168

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. EN 405



Environmental exposure controls:

Avoid release to the environment.

| SECTION 9: Physical and chemical properties | | |
|--|---|--|
| 9.1. Information on basic physical and chemical properties | | |
| Physical state | : Liquid | |
| Colour | : light yellow. | |
| Odour | : characteristic. | |
| Odour threshold | : No data available | |
| рН | : No data available | |
| Relative evaporation rate (butylacetate=1) | : No data available | |
| Melting point | : Not applicable | |
| Freezing point | : -30 °C | |
| Boiling point | : > 315 °C | |
| Flash point | : 210 °C | |
| Auto-ignition temperature | : > 315 °C | |
| Decomposition temperature | : No data available | |
| Flammability (solid, gas) | : Not applicable | |
| Vapour pressure | : < 10 Pa | |
| Relative vapour density at 20 °C | : >1 | |
| Relative density | : No data available | |
| Density | : 0.869 g/ml | |
| Solubility | : soluble in most organic solvents. insoluble in water. | |
| Log Pow | : No data available | |
| Viscosity, kinematic | : 32.3 cSt @40°C | |
| Viscosity, dynamic | : No data available | |
| Explosive properties | : Not applicable. | |
| Oxidising properties | : Not applicable. | |
| Explosive limits | : No data available | |
| 0.2 Other information | | |

9.2. Other information

No additional information available

| SECTION 10: Stability and reactivity | | |
|--------------------------------------|---|--|
| 10.1. | Reactivity | |
| The pro | duct is non-reactive under normal conditions of use, storage and transport. | |
| 10.2. | Chemical stability | |
| Stable ι | inder normal conditions. | |
| 10.3. | Possibility of hazardous reactions | |
| No dang | perous reactions known under normal conditions of use. | |
| 10.4. | Conditions to avoid | |

None under recommended storage and handling conditions (see section 7). Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Oxidizing agent. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

| SECTION 11: Toxicological information | | |
|---|---|--|
| 11.1. Information on toxicological effects | | |
| Acute toxicity | : Not classified (Based on available data, the classification criteria are not met) | |
| Distillates (petroleum), hydrotreated heavy | paraffinic (64742-54-7) | |
| LD50 oral rat | > 5000 mg/kg bodyweight (OECD 401 method) | |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight (OECD 402 method) | |
| LC50 inhalation rat (mg/l) | > 5 mg/l/4h (OECD 403 method) | |
| Distillates (petroleum), solvent-dewaxed her | avy paraffinic (64742-65-0) | |
| LD50 oral rat | > 5000 mg/kg bodyweight (OECD 401 method) | |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight (OECD 402 method) | |
| LC50 inhalation rat (mg/l) | > 5 mg/l/4h (OECD 403 method) | |
| Skin corrosion/irritation | : Not classified | |
| Serious eye damage/irritation | : Not classified | |
| Respiratory or skin sensitisation | : Not classified (Based on available data, the classification criteria are not met) | |
| Germ cell mutagenicity | : Not classified (Based on available data, the classification criteria are not met) | |
| Carcinogenicity | : Not classified (Based on available data, the classification criteria are not met) | |
| Reproductive toxicity | : Not classified (Based on available data, the classification criteria are not met) | |
| STOT-single exposure | : Not classified (Based on available data, the classification criteria are not met) | |
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) | |
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) | |
| QUANTUM® HYDROIL HM-68 | | |
| Viscosity, kinematic | 32.3 mm²/s @40°C | |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. | |
| IARC group | : 3 | |

SECTION 12: Ecological information

| 12.1. | Тс | oxicit |
|-------|----|--------|

ity

Ecology - general : Harmful to aquatic life with long lasting effects. Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7) LC50 fish 1 > 100 mg/l (OECD 203 method) EC50 Daphnia 1 > 10000 mg/l (OECD 202 method) > 1000 mg/l (OECD 201 method) EC50 72h algae (1) NOEL, aquatic invertebrates, Chronic < 1 mg/l (21 days, (OECD 211 method)) NOEL, algae, Chronic > 100 mg/l (72 Hours, (OECD 201 method)) NOEL, microorganisms, Chronic > 1.93 mg/l (10 minutes, DIN 38412) > 10 mg/l (21 days) NOEL, daphnia, Chronic Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) LC50 fish 1 > 100 mg/l (OECD 203 method) EC50 Daphnia 1 > 10000 mg/l (OECD 202 method) EC50 72h algae (1) > 1000 mg/l (OECD 201 method) NOEL, aquatic invertebrates, Chronic < 1 mg/l (21 days, (OECD 211 method)) NOEL, algae, Chronic > 100 mg/l (72 Hours, (OECD 201 method)) > 1.93 mg/l (10 minutes, DIN 38412) NOEL, microorganisms, Chronic

| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) | | |
|--|---------------------------------|--|
| NOEL, daphnia, Chronic | > 10 mg/l (21 days) | |
| Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) (4259-15-8) | | |
| LC50 fish 1 | 4.4 mg/l (OECD 203 method) | |
| EC50 Daphnia 1 | > 65 mg/l (OECD 202 method) | |
| EC50 72h algae (1) | 240 mg/l | |
| NOEC chronic algae | 410 mg/l (OECD 201 method) | |
| 2,6-di-tert-butylphenol (128-39-2) | | |
| LC50 fish 1 | >= 0.469 mg/l (OECD 203 method) | |
| EC50 Daphnia 1 | 0.45 mg/l (OECD 202 method) | |
| ErC50 (algae) | ≈ 0.423 mg/l (OECD 202 method) | |

| 12.2. Persistence and degradability | |
|--|--|
| QUANTUM® HYDROIL HM-68 | |
| Persistence and degradability | Not readily biodegradable, according to appropriate OECD test due to properties of several components. |
| Distillates (petroleum), hydrotreated heavy pa | raffinic (64742-54-7) |
| Persistence and degradability | Not readily biodegradable, according to appropriate OECD test due to properties of several components. |
| Biodegradation | < 32 % (OECD 301B method) |
| Distillates (petroleum), solvent-dewaxed heav | ry paraffinic (64742-65-0) |
| Persistence and degradability | Not readily biodegradable, according to appropriate OECD test due to properties of several components. |
| Biodegradation | < 32 % (OECD 301B method) |
| Zinc bis[0,0-bis(2-ethylhexyl)] bis(dithiophos | phate) (4259-15-8) |
| Biodegradation | < 5 % (OECD 301D method) |
| 12.3. Bioaccumulative potential | |
| QUANTUM® HYDROIL HM-68 | |
| Bioaccumulative potential | Bioaccumulative potential. |
| Distillates (petroleum), hydrotreated heavy pa | raffinic (64742-54-7) |
| Log Kow | 3.5 - 6 Moderately bioaccumulative |
| Distillates (petroleum), solvent-dewaxed heav | ry paraffinic (64742-65-0) |
| Log Kow | 3.5 - 6 Moderately bioaccumulative |
| 2,6-di-tert-butylphenol (128-39-2) | |
| Log Pow | 4.92 highly bioaccumulative |
| 12.4. Mobility in soil | |

No additional information available

12.5. Results of PBT and vPvB assessment

| QUANTUM® HYDROIL HM-68 | | | |
|--|---|--|--|
| PBT: not relevant – no registration required | | | |
| vPvB: not relevant – no registration required | | | |
| Component | | | |
| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7) | PBT: not relevant – no registration required vPvB: not relevant – no registration required | | |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) | PBT: not relevant – no registration required vPvB: not relevant – no registration required | | |

12.6. Other adverse effects

Additional information

: No other effects known

| SECTION 13: Disposal considerations | | | | |
|--|--|--|--|--|
| 13.1. Waste treatment methods | | | | |
| Waste treatment methods | Dispose of contents/container in accordance with licensed collector's sorting instructions. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. | | | |
| Product/Packaging disposal recommendations | : Avoid release to the environment. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. | | | |
| Ecology - waste materials | : Avoid release to the environment. | | | |
| European List of Waste (LoW) code | : 13 01 10* - mineral based non-chlorinated hydraulic oils | | | |
| | | | | |

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|------------------------|---------------|---------------|---------------|---------------|
| 14.1. UN number | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.2. UN proper shipp | ing name | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.3. Transport hazard | d class(es) | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.4. Packing group | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.5. Environmental h | azards | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |

No supplementary information available

14.6. Special precautions for user

- Overland transport

Not regulated

- Transport by sea

Not regulated

- Air transport

Not regulated

- Inland waterway transport

Not regulated

- Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

For the following substances of this mixture a chemical safety assessment has been carried out

Distillates (petroleum), hydrotreated heavy paraffinic Distillates (petroleum), solvent-dewaxed heavy paraffinic

SECTION 16: Other information

Indication of changes:

Composition/information on ingredients. Modified.

| Abbreviations a | and acronyms: |
|-----------------|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| BCF | Bioconcentration factor |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| DPD | Dangerous Preparations Directive 1999/45/EC |

| DSD | Dangerous Substances Directive 67/548/EEC |
|--------------|--|
| EC50 | Median effective concentration |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| vPvB | Very Persistent and Very Bioaccumulative |
| Data sources | : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE |

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Training advice Other information Normal use of this product shall imply use in accordance with the instructions on the packaging.None.

Full text of H- and EUH-statements:

| 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 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| 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. |
| EUH210 | Safety data sheet available on request. |

SDS EU (REACH Annex II)

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.