Safety data sheet
according to Regulation (EC) No 1907/2006, Annex II

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

1.1 Product identifier

MOLYGEN NEW GENERATION 5W-40 1 L
Art.: 8576

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

Relevant identified uses of the substance or mixture:
Sector of use [SU]:
SU 3 - Industrial uses: Uses of substances as such or in preparations at industrial sites
SU21 - Consumer uses: Private households (=general public = consumers)
SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Chemical product category [PC]:
PC17 - Hydraulic fluids
PC24 - Lubricants, greases, release products

Process category [PROC]:
PROC 1 - Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
PROC 2 - Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC 8a - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC 8b - Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC 9 - Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC20 - Use of functional fluids in small devices

Article Categories [AC]:
AC99 - Not required.

Environmental Release Category [ERC]:
ERC 4 - Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
ERC 7 - Use of functional fluid at industrial site
ERC 9a - Widespread use of functional fluid (indoor)
ERC 9b - Widespread use of functional fluid (outdoor)

Uses advised against:
No information available at present.

1.3 Details of the supplier of the safety data sheet

LIQUI MOLY GmbH, Jerg-Wieland-Str. 4, 89081 Ulm-Lehr, Germany
Phone: (+49) 0731-1420-0, Fax: (+49) 0731-1420-88

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de  Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number

Emergency information services / official advisory body:
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Telephone number of the company in case of emergencies:
+49 (0) 700 / 24 112 112 (LMR)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) 1272/2008 (CLP)
The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

2.2 Label elements

Labeling according to Regulation (EC) 1272/2008 (CLP)

EUH210-Safety data sheet available on request.

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

Product can compose a film on the water surface, which can prevent oxygen exchange. Hazardous to drinking water, on escape of even small quantities.

SECTION 3: Composition/information on ingredients

3.1 Substance

3.2 Mixture

<table>
<thead>
<tr>
<th>Distillates (petroleum), hydrotreated heavy paraffinic</th>
<th>01-2119484627-25-XXXX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration number (REACH)</td>
<td></td>
</tr>
<tr>
<td>Index</td>
<td>649-467-00-8</td>
</tr>
<tr>
<td>EINECS, ELINCS, NLP</td>
<td>265-157-1</td>
</tr>
<tr>
<td>CAS</td>
<td>64742-54-7</td>
</tr>
<tr>
<td>content %</td>
<td>40-60</td>
</tr>
<tr>
<td>Classification according to Regulation (EC) 1272/2008 (CLP)</td>
<td>Asp. Tox. 1, H304</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Distillates (petroleum), hydrotreated light paraffinic</th>
<th>01-2119487077-29-XXXX</th>
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</thead>
<tbody>
<tr>
<td>Registration number (REACH)</td>
<td></td>
</tr>
<tr>
<td>Index</td>
<td>649-468-00-3</td>
</tr>
<tr>
<td>EINECS, ELINCS, NLP</td>
<td>265-158-7</td>
</tr>
<tr>
<td>CAS</td>
<td>64742-55-8</td>
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<tr>
<td>content %</td>
<td>1-&lt;10</td>
</tr>
<tr>
<td>Classification according to Regulation (EC) 1272/2008 (CLP)</td>
<td>Asp. Tox. 1, H304</td>
</tr>
</tbody>
</table>

Impurities, test data and additional information may have been taken into account in classifying and labelling the product.

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

Unsuitable cleaning product:

Solvent

Thinners
Eye contact
Remove contact lenses. Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion
Rinse the mouth thoroughly with water. Do not induce vomiting. Consult doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed
If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1. In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

The following may occur:
- Irritation of the eyes
- With long-term contact: Drying of the skin.
- Dermatitis (skin inflammation)
- Oil acne
- On vapour formation: Irritation of the respiratory tract
- Ingestion: Gastrointestinal disturbances
- Nausea
- Vomiting

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

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
- CO2
- Foam
- Dry extinguisher

Unsuitable extinguishing media
- High volume water jet

5.2 Special hazards arising from the substance or mixture
In case of fire the following can develop:
- Oxides of carbon
- Hydrogen sulphide
- Oxides of nitrogen
- Oxides of sulphur
- Oxides of phosphorus
- Toxic gases

5.3 Advice for firefighters
In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Ensure sufficient supply of air. Avoid formation of oil mist. Avoid contact with eyes or skin. If applicable, caution - risk of slipping.

6.2 Environmental precautions
If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent from entering drainage system.
Prevent surface and ground-water infiltration, as well as ground penetration. If accidental entry into drainage system occurs, inform responsible authorities.

### 6.3 Methods and material for containment and cleaning up

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13.

**Oil binder**
Do not wash away with water or watery cleaning agents.

### 6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

## SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

### 7.1 Precautions for safe handling

#### 7.1.1 General recommendations

- Avoid formation of oil mist.
- Ensure good ventilation.
- Keep away from sources of ignition - Do not smoke.
- Do not heat to temperatures close to flash point.
- Avoid contact with eyes.
- Avoid long lasting or intensive contact with skin.
- Do not carry cleaning cloths soaked in product in trouser pockets.
- Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
- Observe directions on label and instructions for use.

#### 7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

### 7.2 Conditions for safe storage, including any incompatibilities

- Not to be stored in gangways or stair wells.
- Store product closed and only in original packing.
- Under all circumstances prevent penetration into the soil.
- Store at room temperature.

### 7.3 Specific end use(s)

No information available at present.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oil mist, mineral</th>
<th>Content %</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEL-TWA: 5 mg/m³ (Mineral oil, excluding metal working fluids, ACGIH)</td>
<td>WEL-STEL: ---</td>
<td>---</td>
</tr>
<tr>
<td>Monitoring procedures:</td>
<td>-</td>
<td>Draeger - Oil 10/a-P (67 28 371)</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>Draeger - Oil Mist 1/a (67 33 031)</td>
</tr>
<tr>
<td>BMGV: ---</td>
<td>Other information: ---</td>
<td></td>
</tr>
</tbody>
</table>

### Distillates (petroleum), hydrotreated heavy paraffinic

<table>
<thead>
<tr>
<th>Area of application</th>
<th>Exposure route / Environmental compartment</th>
<th>Effect on health</th>
<th>Descriptor</th>
<th>Value</th>
<th>Unit</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environment - oral (animal feed)</td>
<td>PNEC</td>
<td>9.33</td>
<td>mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consumer</td>
<td>Human - inhalation</td>
<td>Long term, local effects</td>
<td>DNEL</td>
<td>1.2</td>
<td>mg/m³</td>
<td>24h</td>
</tr>
</tbody>
</table>
8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques. These are specified by e.g. BS EN 14042.

BS EN 14042 “Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents”.

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

Tight fitting protective goggles (EN 166) with side protection, with danger of splashes.

Skin protection - Hand protection:

Protective gloves, oil resistant (EN 374)
If applicable

Protective nitrile gloves (EN 374).

Protective PVC gloves (EN 374)

Minimum layer thickness in mm:
0,5

Permeation time (penetration time) in minutes:
240

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.

The recommended maximum wearing time is 50% of breakthrough time.

Protective hand cream recommended.

Skin protection - Other:

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:

Normally not necessary.

With oil mist formation:

Filter A2 P2 (EN 14387), code colour brown, white
Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:
Not applicable

Additional information on hand protection - No tests have been performed.
In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.
Selection of materials derived from glove manufacturer's indications.
Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.
Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.
In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.
The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls
No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Green, Fluorescent
- Odour: Characteristic
- Odour threshold: Not determined
- Melting point/freezing point: Not determined
- Initial boiling point and boiling range: Not determined
- Flash point: 230 °C
- Evaporation rate: Not determined
- Flammability (solid, gas): n.a.
- Lower explosive limit: Not determined
- Upper explosive limit: Not determined
- Vapour pressure: Not determined
- Vapour density (air = 1): Not determined
- Density: 0,850 g/ml
- Bulk density: n.a.
- Solubility(ies): Not determined
- Water solubility: Insoluble
- Partition coefficient (n-octanol/water): Not determined
- Auto-ignition temperature: Not determined
- Decomposition temperature: Not determined
- Viscosity: 81,5 mm2/s (40°C)
- Viscosity: 14 mm2/s (100°C)
- Explosive properties: Product is not explosive.
- Oxidising properties: No

9.2 Other information

- Miscibility: Not determined
- Fat solubility / solvent: Not determined
- Conductivity: Not determined
- Surface tension: Not determined
- Solvents content: Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity
The product has not been tested.

10.2 Chemical stability
Stable with proper storage and handling.

10.3 Possibility of hazardous reactions
No dangerous reactions are known.
10.4 Conditions to avoid
See also section 7.
Heating, open flame, ignition sources

10.5 Incompatible materials
See also section 7.
Avoid contact with strong oxidizing agents.

10.6 Hazardous decomposition products
See also section 5.2
No decomposition when used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Possibly more information on health effects, see Section 2.1 (classification).

<table>
<thead>
<tr>
<th>MOLYGEN NEW GENERATION 5W-40 1 L Art.: 8576</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Toxicity / effect</strong></td>
</tr>
<tr>
<td>Acute toxicity, by dermal route:</td>
</tr>
<tr>
<td>Acute toxicity, by inhalation:</td>
</tr>
<tr>
<td>Skin corrosion/irritation:</td>
</tr>
<tr>
<td>Serious eye damage/irritation:</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation:</td>
</tr>
<tr>
<td>Germ cell mutagenicity:</td>
</tr>
<tr>
<td>Carcinogenicity:</td>
</tr>
<tr>
<td>Reproductive toxicity:</td>
</tr>
<tr>
<td>Aspiration hazard:</td>
</tr>
<tr>
<td>Symptoms:</td>
</tr>
</tbody>
</table>

Distillates (petroleum), hydrotreated heavy paraffinic

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity, by oral route:</td>
<td>LD50</td>
<td>&gt;5000</td>
<td>mg/kg</td>
<td>Rat</td>
<td>OECD 402 (Acute Dermal Toxicity)</td>
<td>Aerosol</td>
</tr>
<tr>
<td>Acute toxicity, by dermal route:</td>
<td>LD50</td>
<td>&gt;5000</td>
<td>mg/kg</td>
<td>Rabbit</td>
<td>OECD 403 (Acute Inhalation Toxicity)</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity, by inhalation:</td>
<td>LC50</td>
<td>5,53</td>
<td>mg/l/4h</td>
<td>Rat</td>
<td>OECD 403 (Acute Inhalation Toxicity)</td>
<td></td>
</tr>
<tr>
<td>Skin corrosion/irritation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not irritant</td>
</tr>
<tr>
<td>Serious eye damage/irritation:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Slightly irritant</td>
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<tr>
<td>Respiratory or skin sensitisation:</td>
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<td>Not sensitising</td>
</tr>
<tr>
<td>Aspiration hazard:</td>
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<td></td>
<td></td>
<td></td>
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<td>Yes</td>
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Distillates (petroleum), hydrotreated light paraffinic

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Acute toxicity, by oral route:</td>
<td>LD50</td>
<td>&gt;5000</td>
<td>mg/kg</td>
<td>Rat</td>
<td>OECD 401 (Acute Oral Toxicity)</td>
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<tr>
<td>Acute toxicity, by dermal route:</td>
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<td>&gt;5000</td>
<td>mg/kg</td>
<td>Rabbit</td>
<td>OECD 402 (Acute Dermal Toxicity)</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity, by inhalation:</td>
<td>LC50</td>
<td>&gt;5</td>
<td>mg/l/4h</td>
<td>Rat</td>
<td>OECD 403 (Acute Inhalation Toxicity)</td>
<td>Aerosol</td>
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### SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

**MOLYGEN NEW GENERATION 5W-40 1 L**

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>12.1. Toxicity to fish:</strong></td>
<td>LL50</td>
<td>96h</td>
<td>&gt;100</td>
<td>mg/l</td>
<td>Oncorhynchus mykiss</td>
<td>OECD 203 (Fish, Acute Toxicity Test)</td>
<td>n.d.a.</td>
</tr>
<tr>
<td>12.1. Toxicity to daphnia:</td>
<td>NOEC/NOEL</td>
<td>28d</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td>Oncorhynchus mykiss</td>
<td>QSAR</td>
<td>n.d.a.</td>
</tr>
<tr>
<td>12.1. Toxicity to algae:</td>
<td>EL50</td>
<td>48h</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td>Daphnia magna</td>
<td>OECD 202 (Daphnia sp. Acute Immobilisation Test)</td>
<td>n.d.a.</td>
</tr>
<tr>
<td>12.1. Toxicity to algae:</td>
<td>EL50</td>
<td>48h</td>
<td>&gt;100</td>
<td>mg/l</td>
<td>Pseudokirchneriella subcapitata</td>
<td>OECD 201 (Algae Growth Inhibition Test)</td>
<td>n.d.a.</td>
</tr>
<tr>
<td>Other information:</td>
<td>AOX</td>
<td>0</td>
<td>%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Distillates (petroleum), hydrotreated heavy paraffinic**

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
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<th>Organism</th>
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<tr>
<td>12.1. Toxicity to fish:</td>
<td>LL50</td>
<td>96h</td>
<td>&gt;100</td>
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<td>12.1. Toxicity to daphnia:</td>
<td>NOEC/NOEL</td>
<td>28d</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td>Oncorhynchus mykiss</td>
<td>QSAR</td>
<td>n.d.a.</td>
</tr>
</tbody>
</table>

**Distillates (petroleum), hydrotreated light paraffinic**

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1. Toxicity to fish:</td>
<td>LL50</td>
<td>96h</td>
<td>&gt;100</td>
<td>mg/l</td>
<td>Oncorhynchus mykiss</td>
<td>OECD 203 (Fish, Acute Toxicity Test)</td>
<td>n.d.a.</td>
</tr>
<tr>
<td>12.1. Toxicity to fish:</td>
<td>NOEC/NOEL</td>
<td>28d</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td>Oncorhynchus mykiss</td>
<td>QSAR</td>
<td>n.d.a.</td>
</tr>
</tbody>
</table>
**SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

**For the substance / mixture / residual amounts**

Soaked polluted cloths, paper or other organic materials represent a fire hazard and should be controlled, collected and disposed of.

EC disposal code no.: 13 02 05 mineral-based non-chlorinated engine, gear and lubricating oils

Recommendation:

- Sewage disposal shall be discouraged.
- Pay attention to local and national official regulations.
- E.g. dispose at suitable refuse site.
- E.g. suitable incineration plant.

**For contaminated packing material**

Pay attention to local and national official regulations.

- 15 01 01 paper and cardboard packaging
- 15 01 02 plastic packaging
- 15 01 04 metallic packaging

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

### 14.2 UN proper shipping name:

n.a.
14.3. Transport hazard class(es): n.a.
14.4. Packing group: n.a.
Classification code: n.a.
LQ: n.a.
14.5. Environmental hazards: Not applicable
Tunnel restriction code:

14.2. UN proper shipping name:
14.3. Transport hazard class(es): n.a.
14.4. Packing group: n.a.
Marine Pollutant: n.a.
14.5. Environmental hazards: Not applicable

Transport by air (IATA)
14.2. UN proper shipping name:
14.3. Transport hazard class(es): n.a.
14.4. Packing group: n.a.
14.5. Environmental hazards: Not applicable

14.6. Special precautions for user
Unless specified otherwise, general measures for safe transport must be followed.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Non-dangerous material according to Transport Regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Observe restrictions:
General hygiene measures for the handling of chemicals are applicable.

Directive 2010/75/EU (VOC): 0.9992 %

15.2 Chemical safety assessment
A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections: 3, 8, 11, 12, 15

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):
Not applicable

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).
H304 May be fatal if swallowed and enters airways.

Asp. Tox. — Aspiration hazard

Any abbreviations and acronyms used in this document:
AC Article Categories
acc., acc. to according, according to
ACGIH American Conference of Governmental Industrial Hygienists
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)
AOEL Acceptable Operator Exposure Level
AOX Adsorbable organic halogen compounds
LOEL Lowest Observed Effect Level

LQ Limited Quantities

MARPOL International Convention for the Prevention of Marine Pollution from Ships

n.a. not applicable

n.av. not available

n.c. not checked

n.d.a. no data available

NIOHS National Institute of Occupational Safety and Health (United States of America)

NOAEC No Observed Adverse Effective Concentration

NOAEL No Observed Adverse Effect Level

NOEC No Observed Effect Concentration

NOEL No Observed Effect Level

ODP Ozone Depletion Potential

OECD Organisation for Economic Co-operation and Development

org. organic

PAH polycyclic aromatic hydrocarbon

PBT persistent, bioaccumulative and toxic

PC Chemical product category

PE Polyethylene

PNEC Predicted No Effect Concentration

POCP Photochemical ozone creation potential

ppm parts per million

PROC Process category

PTFE Polytetrafluorethylene

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)

REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.

RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)

SADT Self-Accelerating Decomposition Temperature

SAR Structure Activity Relationship

SU Sector of use

SVHC Substances of Very High Concern

Tel. Telephone

ThOD Theoretical oxygen demand

TOC Total organic carbon

TRGS Technische Regelungen für Gefahrstoffe (=Technical Regulations for Hazardous Substances)

UN RTDG United Nations Recommendations on the Transport of Dangerous Goods

VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))

VOC Volatile organic compounds

vPvB very persistent and very bioaccumulative


WHO World Health Organization

wwt wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

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