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

1.1. Product identifier

Rhepanol h-Nahtreiniger

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

Use of the substance/mixture

cleaner

Uses advised against

Only use for the intended purpose. The product is intended for professional use.

1.3. Details of the supplier of the safety data sheet

Company name: FDT Flachdach Technologie GmbH & Co. KG
Street: Eisenbahnstraße 6-8
Place: D-68199 Mannheim
Telephone: +49 (621) 8504100
Fax: +49 (621) 8504200
E-mail: kundenservice@fdt.de
Contact person: Marco Anderer
Telephone: +49 (621) 8504563
E-mail: marco.anderer@fdt.de
Internet: http://www.fdt.de
Responsible Department: Arbeitssicherheit und Umweltschutz

1.4. Emergency telephone number:

Poison Control Center (Mayence, GER):
+49 (0)6131-19240 (24h - de, en)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazard categories:
Flammable liquid: Flam. Liq. 2
Serious eye damage/eye irritation: Eye Irrit. 2
Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:
Highly flammable liquid and vapour.
Causes serious eye irritation.
May cause drowsiness or dizziness.

2.2. Label elements

Hazardous components which must be listed on the label:
butanone; ethyl methyl ketone
1-methoxy-2-propanol; monopropylene glycol methyl ether

Signal word: Danger

Pictograms:

2.2.2. Hazard statements

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243 Take precautionary measures against static discharge.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container in accordance with national disposal regulations.

Special labelling of certain mixtures

EUEH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

The components in this mixture do not meet the criteria for classification as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>78-93-3</td>
<td>butanone; ethyl methyl ketone</td>
<td>55 %</td>
</tr>
<tr>
<td>201-159-0</td>
<td>606-002-00-3</td>
<td>01-2119457290-43 Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066</td>
</tr>
<tr>
<td>107-98-2</td>
<td>1-methoxy-2-propanol; monopropylene glycol methyl ether</td>
<td>45 %</td>
</tr>
<tr>
<td>203-539-1</td>
<td>603-064-00-3</td>
<td>01-2119457435-35 Flam. Liq. 3, STOT SE 3; H226 H336</td>
</tr>
<tr>
<td>1589-47-5</td>
<td>2-methoxypropanol</td>
<td>&lt;0,2 %</td>
</tr>
<tr>
<td>216-455-5</td>
<td>603-106-00-0</td>
<td>Flam. Liq. 3, Repr. 1B, STOT SE 3, Skin Irrit. 2, Eye Dam. 1; H226 H360D *** H335 H315 H318</td>
</tr>
</tbody>
</table>

Full text of H and EUH phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information
In case of troubles or persistent symptoms, consult an doctor/physician.
Remove persons from danger area and lie them down. Never orally infuse something to an unconscious person. No special first aid measures necessary. A vomiting, supine person must be brought into recovery position.

After inhalation
Provide fresh air. In case of respiratory tract irritation, consult a physician.
In case of irregular breathing or respiratory arrest, perform artificial respiration.

After contact with skin
After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, consult a physician.
After contact with eyes
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

After ingestion
  Rinse mouth, spit liquid again. Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed
  Following eye contact: Causes serious eye irritation.
  Following inhalation: May cause drowsiness or dizziness.
  Repeated exposure may cause skin dryness or cracking.

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
    Carbon dioxide (CO2). Extinguishing powder. Water spray. Fight larger fires with water spray jet or alcohol-resistant foam.
  Unsuitable extinguishing media
    High power water jet.

5.2. Special hazards arising from the substance or mixture
  Vapours may form explosive mixtures with air. Vapours are heavier than air and will spread at floor level. Thermal decomposition can lead to harmful gases and vapours.

5.3. Advice for firefighters
  Co-ordinate fire-fighting measures to the fire surroundings. Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information
  Do not allow to enter into surface water or drains. Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
  Provide adequate ventilation. Keep away from sources of ignition - No smoking. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

6.2. Environmental precautions
  Do not allow to enter into surface water or drains.
  In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up
  Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
  Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections
  Safe handling: see section 7
  Personal precautions: refer to section 8.
  Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling
  Advice on safe handling
    Provide adequate ventilation as well as local exhaust at critical locations. Handle and open
container with care. Avoid the formation of aerosol.

**Advice on protection against fire and explosion**

Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges.

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

**Requirements for storage rooms and vessels**

Store only in original container. Keep container tightly closed in a cool, well-ventilated place.

### 7.3. Specific end use(s)

**cleaner**

**SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

**Exposure limits (EH40)**

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-98-2</td>
<td>1-Methoxypropan-2-ol</td>
<td>100</td>
<td>375</td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
<tr>
<td>78-93-3</td>
<td>Butan-2-one (methyl ethyl ketone)</td>
<td>150</td>
<td>560</td>
<td>STEL (15 min)</td>
<td>WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>200</td>
<td>600</td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>300</td>
<td>899</td>
<td>STEL (15 min)</td>
<td>WEL</td>
</tr>
</tbody>
</table>

**Biological Monitoring Guidance Values (EH40)**

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>Parameter</th>
<th>Value</th>
<th>Test material</th>
<th>Sampling time</th>
</tr>
</thead>
<tbody>
<tr>
<td>78-93-3</td>
<td>Butan-2-one</td>
<td>butan-2-one</td>
<td>70 µmol/L</td>
<td>urine</td>
<td>Post shift</td>
</tr>
</tbody>
</table>

**DNEL/DMEL values**

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>Exposure route</th>
<th>Effect</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>78-93-3</td>
<td>butanone; ethyl methyl ketone</td>
<td>dermal</td>
<td>systemic</td>
<td>1161 mg/kg bw/day</td>
</tr>
<tr>
<td></td>
<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>600 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumer DNEL, acute</td>
<td>dermal</td>
<td>local</td>
<td>412</td>
</tr>
<tr>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>106 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>oral</td>
<td>systemic</td>
<td>31 mg/kg bw/day</td>
</tr>
<tr>
<td>107-98-2</td>
<td>1-Methoxy-2-propanol; monopropylene glycol methyl ether</td>
<td>inhalation</td>
<td>local</td>
<td>553.5 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Worker DNEL, acute</td>
<td>dermal</td>
<td>systemic</td>
<td>50.6 mg/kg bw/day</td>
</tr>
<tr>
<td></td>
<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>369 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>18.1 mg/kg bw/day</td>
</tr>
<tr>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>43.9 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>oral</td>
<td>systemic</td>
<td>3.3 mg/kg bw/day</td>
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</table>
PNEC values

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>Environmental compartment</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>78-93-3</td>
<td>butanone; ethyl methyl ketone</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Freshwater</td>
<td></td>
<td>55,8 mg/l</td>
</tr>
<tr>
<td></td>
<td>Marine water</td>
<td></td>
<td>55,8 mg/l</td>
</tr>
<tr>
<td></td>
<td>Micro-organisms in sewage treatment plants (STP)</td>
<td></td>
<td>709 mg/l</td>
</tr>
<tr>
<td></td>
<td>Soil</td>
<td></td>
<td>22,5 mg/kg</td>
</tr>
<tr>
<td>107-98-2</td>
<td>1-methoxy-2-propanol; monopropylene glycol methyl ether</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Freshwater</td>
<td></td>
<td>10 mg/l</td>
</tr>
<tr>
<td></td>
<td>Marine water</td>
<td></td>
<td>1 mg/l</td>
</tr>
<tr>
<td></td>
<td>Micro-organisms in sewage treatment plants (STP)</td>
<td></td>
<td>100 mg/l</td>
</tr>
<tr>
<td></td>
<td>Freshwater sediment</td>
<td></td>
<td>41,6 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Marine sediment</td>
<td></td>
<td>4,17 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Soil</td>
<td></td>
<td>2,47 mg/kg</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Protective and hygiene measures

- Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. Avoid skin, eye and clothing contact. After contact with skin, wash immediately with plenty of water and soap or a suitable cleaning agent.

Eye/face protection

- Tightly fitting safety glasses with side shields.

Hand protection

- Protect skin by using skin protective cream. Wear suitable gloves. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.
- The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
- Suitable material: Butyl rubber. NBR (Nitrile rubber). NR (Natural rubber (Caoutchouc), Natural latex). PVC (Polyvinyl chloride).
- penetration time (maximum wearing period): >240 minutes

Skin protection

- Full cover clothing covering arms and legs.

Respiratory protection

- Use protective filter mask in case of short-term and low exposure; in case of intense or longer exposure, use respiratory protection device operating independently from circulating air.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state: liquid
- Colour: colourless
- Odour: characteristic

pH-Value: not determined
Changes in the physical state

- Melting point: not determined
- Initial boiling point and boiling range: 79 °C
- Flash point: -4 °C

Flammability

- Gas: not determined

Explosive properties

- The product is not explosive, however, formation of explosive mixtures are possible.
- Lower explosion limits: 1.8 vol. %
- Upper explosion limits: 12.0 vol. %
- Ignition temperature: 278 °C DIN 51794

Auto-ignition temperature

- Gas: not determined

Decomposition temperature: not determined

Oxidizing properties

- Vapour pressure: 95 hPa (at 20 °C)
- Density (at 20 °C): 0.863 g/cm³ DIN 53217
- Water solubility: Not mixable and/or hard to mix.
- Partition coefficient: not determined
- Viscosity / dynamic: 1 mPa·s ISO 2555 (at 20 °C)
- Viscosity / kinematic: not determined
- Vapour density: not determined
- Solvent content: 100.0%

9.2. Other information

- No further information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

- No dangerous reactivity under regular conditions.

10.2. Chemical stability

- The product is stable under regular conditions.

10.3. Possibility of hazardous reactions

- No known hazardous reactions.

10.4. Conditions to avoid

- Avoid heat, sparks, open flames and other ignition sources. Electrostatic charges.

10.5. Incompatible materials

- acid. Alkalis (alkalis). Oxidizing agents, strong.

10.6. Hazardous decomposition products

- Thermal decomposition can lead to harmful gases and vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity

Based on available data, the classification criteria are not met.

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure routes</th>
<th>Method</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>78-93-3</td>
<td>butanone; ethyl methyl ketone</td>
<td>oral</td>
<td>LD50</td>
<td>&gt;2193 mg/kg</td>
<td>Rat</td>
<td>OECD 423</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>&gt;5000 mg/kg</td>
<td>Rabbit</td>
<td>OECD 402</td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative (4 h) vapour</td>
<td>LC50</td>
<td>34 mg/l</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>107-98-2</td>
<td>1-methoxy-2-propanol; monopropylene glycol methyl ether</td>
<td>oral</td>
<td>LD50</td>
<td>4016 mg/kg</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>&gt;2000 mg/kg</td>
<td>Rabbit</td>
<td></td>
</tr>
</tbody>
</table>

Irritation and corrosivity

Causes serious eye irritation.

Sensitising effects

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness. (butanone; ethyl methyl ketone), (1-methoxy-2-propanol; monopropylene glycol methyl ether)

Severe effects after repeated or prolonged exposure

Repeated exposure may cause skin dryness or cracking.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

No data available.

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Aquatic toxicity</th>
<th>Method</th>
<th>Dose</th>
<th>[h]</th>
<th>[d]</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>78-93-3</td>
<td>butanone; ethyl methyl ketone</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>2990 mg/l</td>
<td>96</td>
<td></td>
<td>Pimephales promelas</td>
<td>OECD 203</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute algae toxicity</td>
<td>ErC50</td>
<td>1972 mg/l</td>
<td>72</td>
<td></td>
<td>Pseudokirchneriella subcapitata</td>
<td>OECD 201</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>308 mg/l</td>
<td>48</td>
<td></td>
<td>Daphnia magna</td>
<td>OECD 202</td>
</tr>
<tr>
<td>107-98-2</td>
<td>1-methoxy-2-propanol; monopropylene glycol methyl ether</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>6812 mg/l</td>
<td>96</td>
<td></td>
<td>Leuciscus idus</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>21100-25900 mg/l</td>
<td>48</td>
<td></td>
<td>Daphnia magna</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

No data available.
12.3. Bioaccumulative potential

No data available.

Partition coefficient n-octanol/water

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-98-2</td>
<td>1-methoxy-2-propanol; monopropylene glycol methyl ether</td>
<td>0.37</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The components in this mixture do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Disposal according to official regulations. Consult the local waste disposal expert about waste disposal. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste disposal number of waste from residues/unused products

070104 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; other organic solvents, washing liquids and mother liquors

Classified as hazardous waste.

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPE CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances

Classified as hazardous waste.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 1993

14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (butanone; ethyl methyl ketone, 1-methoxy-2-propanol; monopropylene glycol methyl ether)

14.3. Transport hazard class(es): 3

14.4. Packing group: II

Hazard label: 3
FDT Flachdach Technologie GmbH & Co. KG

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Rhepanol h-Nahtreiniger

Product code: RCSO-FDT-024

Print date: 31.07.2015

Page 9 of 12

Classification code: F1

Special Provisions: 274 601 640D

Limited quantity: 1 L

Excepted quantity: E2

Transport category: 2

Hazard No: 33

Tunnel restriction code: D/E

Inland waterways transport (ADN)

14.1. UN number: UN 1993

14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (butanone; ethyl methyl ketone, 1-methoxy-2-propanol; monopropylene glycol methyl ether)

14.3. Transport hazard class(es): 3

14.4. Packing group: II

Hazard label: 3

Marine transport (IMDG)

14.1. UN number: UN 1993

14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (butanone; ethyl methyl ketone, 1-methoxy-2-propanol; monopropylene glycol methyl ether)

14.3. Transport hazard class(es): 3

14.4. Packing group: II

Hazard label: 3

Marine pollutant: Nein

Special Provisions: 274

Limited quantity: 1 L

Excepted quantity: E2

EmS: F-E, S-E

Air transport (ICAO)

14.1. UN number: UN 1993

14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (butanone; ethyl methyl ketone, 1-methoxy-2-propanol; monopropylene glycol methyl ether)

14.3. Transport hazard class(es): 3

14.4. Packing group: II

Hazard label: 3
Rhepanol h-Nahtreiniger

Special Provisions:
- A3
- Limited quantity Passenger: 1 L
- Passenger LQ: Y341
- Excepted quantity: E2
- IATA-packing instructions - Passenger: 353
- IATA-max. quantity - Passenger: 5 L
- IATA-packing instructions - Cargo: 364
- IATA-max. quantity - Cargo: 60 L

14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user
No special precautions known.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
not applicable

SECTION 15: Regulatory information

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

EU regulatory information
2004/42/EC (VOC): 862,5 g/l

Additional information
- Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable
- Regulation (EC) No. 648/2004 (Detergents regulation): not applicable
- REGULATION (EC) No 850/2004 on persistent organic pollutants: not applicable
- REGULATION (EC) No 689/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the export and import of dangerous chemicals: This mix contains no chemicals that are subject to the export notification procedures (annex 1).
- This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none
- This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

National regulatory information
- Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment
Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes
Version 1,00 - Creation - 07.08.2012
Version 1,01 - Classification/Labeling according Regulation No.1272/2008 (GHS/CLP) and general revision - 27.07.2015
Abbreviations and acronyms

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- CAS: Chemical Abstracts Service
- EC: Effective Concentration
- EG: European Community (Europäische Gemeinschaft)
- EN: European Norm
- IATA: International Air Transport Association
- IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous Chemicals in Bulk
- ICAO: International Civil Aviation Organization
- IMDG: International Maritime Code for Dangerous Goods
- CLP: Classification, Labeling, Packaging
- IUCLID: International Uniform Chemical Information Database
- LC: Lethal concentration
- LD: Lethal dose
- log Kow: Octanol/water partition coefficient
- MARPOL: Maritime Pollution Convention = Convention for the Prevention of Maritime Pollution from Ships
- OECD: Organisation for Economic Co-operation and Development
- PBT: Persistent, bio-cumulative, toxic
- RID: Regulation Concerning the International Transport of Dangerous Goods by Rail
- TRGS: Technische Regeln für Gefahrstoffe
- VOC: Volatile Organic Compounds
- vPvB: very persistent and very bio-cumulative
- VwVwS: Administrative Regulation for Water Pollutants
- WGK: German Water Hazard Class
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- DNEL: Derived No Effect Level
- PNEC: Predicted No Effect Concentration
- TLV: Threshold Limiting Value
- STOT: Specific Target Organ Toxicity

Relevant H- and EUH-phrases (Number and full text)

- H225: Highly flammable liquid and vapour.
- H226: Flammable liquid and vapour.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.
- H336: May cause drowsiness or dizziness.
- H360D: May damage the unborn child.
- EUH066: Repeated exposure may cause skin dryness or cracking.

Further Information

The information given in this safety data sheet is to describe the product's safety regulations. It is not for guaranteeing certain characteristics and is based on today's knowledge. The safety data sheet was generated upon information of pre-suppliers by:

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)