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

1.1 Product identifier
ID 220 Bur disinfection

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

Relevant identified uses
ID 220 is a ready-diluted solution for the disinfection and cleaning of rotary instruments (drills, diamonds, root canal instruments etc.).

Product Categories [PC]
PC0 - Other
Disinfectants

Uses advised against
None, if handled according to order.

Remark
The product is intended for professional use.

1.3 Details of the supplier of the safety data sheet
Supplier (manufacturer/importer/only representative/downstream user/distributor)
orochemie GmbH + Co. KG
Street : Max-Planck-Straße 27
Postal code/city : 70806 Kornwestheim
Telephone : +49 7154 1308-0
Telefax : +49 7154 1308-40

Information contact : DÜRR DENTAL SE, Höpfigheimer Str. 17, 74321 Bietigheim-Bissingen, Germany
Tel: +49 7142 705-0, Fax: +49 7142 705-500, info@duerrdental.com
in Great Britain/Ireland:
DÜRR DENTAL [Products] UK Ltd., 14 Linnell Way - Telford Way Industrial Estate, Kettering Northants NN16 8PS,
United Kingdom
Tel: +44 1536 526740, Fax.: +44 1536 526749, info@duerruk.com

1.4 Emergency telephone number
INT: +49 6132 84463 (24 h/7 d)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.
Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.
Flam. Liq. 3 ; H226 - Flammable liquids : Category 3 ; Flammable liquid and vapour.

Classification procedure
The classification was carried out according to the calculation method of Regulation No. (EC) 1272/2008 [CLP] as well as in-house investigations.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms
Flame (GHS02) · Corrosion (GHS05)

**Signal word**
Danger

**Hazard components for labelling**
1-PROPANOL ; CAS No. : 71-23-8
POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3

**Hazard statements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H226</td>
<td>Flammable liquid and vapour.</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
</tbody>
</table>

**Precautionary statements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P211</td>
<td>Do not spray on an open flame or other ignition source.</td>
</tr>
<tr>
<td>P280</td>
<td>Wear protective gloves and eye/face protection.</td>
</tr>
<tr>
<td>P333+P313</td>
<td>If skin irritation or rash occurs: Get medical advice/attention.</td>
</tr>
<tr>
<td>P305+P351+P338</td>
<td>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>P403+P233</td>
<td>Store in a well-ventilated place. Keep container tightly closed.</td>
</tr>
<tr>
<td>P501</td>
<td>Dispose of contents/container to hazardous or special waste collection point.</td>
</tr>
</tbody>
</table>

### 2.3 Other hazards
None

### SECTION 3: Composition / information on ingredients

#### 3.2 Mixtures

**Description**
ID 220 contains alcohols, potassium hydroxide, corrosion inhibitors and auxiliary agents in aqueous solution.

**Hazardous ingredients**

<table>
<thead>
<tr>
<th>Substance</th>
<th>REACH registration No.</th>
<th>EC No.</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-PROPANOL</td>
<td>01-2119486761-29</td>
<td>200-746-9</td>
<td>71-23-8</td>
</tr>
<tr>
<td>POTASSIUM HYDROXIDE</td>
<td>01-2119487136-33</td>
<td>215-181-3</td>
<td>1310-58-3</td>
</tr>
<tr>
<td>BENZOIC ACID</td>
<td>01-2119455536-33</td>
<td>200-618-2</td>
<td>65-85-0</td>
</tr>
</tbody>
</table>

**Weight fraction**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Weight fraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-PROPANOL</td>
<td>≥ 15 - &lt; 20 %</td>
</tr>
<tr>
<td>POTASSIUM HYDROXIDE</td>
<td>≥ 1 - &lt; 2 %</td>
</tr>
<tr>
<td>BENZOIC ACID</td>
<td>&lt; 0,5 %</td>
</tr>
</tbody>
</table>

**Classification 1272/2008 [CLP]**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-PROPANOL</td>
<td>Flam. Liq. 2 ; H225 Eye Dam. 1 ; H318 STOT SE 3 ; H336</td>
</tr>
<tr>
<td>POTASSIUM HYDROXIDE</td>
<td>Met. Corr. 1 ; H290 Skin Corr. 1A ; H314 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302</td>
</tr>
<tr>
<td>BENZOIC ACID</td>
<td>STOT RE 1 ; H372 Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315</td>
</tr>
</tbody>
</table>

**Additional information**
Full text of H- and EUH-phrases: see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information**
Remove contaminated, saturated clothing immediately. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**Following inhalation**

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Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact
Wash with plenty of water. When in doubt or if symptoms are observed, get medical advice.

After eye contact
In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion
If swallowed, immediately drink: Water Never give anything by mouth to an unconscious person or a person with cramps. Do NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed
Causes serious eye damage. Irritating to skin.

4.3 Indication of any immediate medical attention and special treatment needed
None

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Carbon dioxide (CO2) Extinguishing powder Water spray Water mist The product itself does not burn. Co-ordinate firefighting measures to the fire surroundings.

Unsuitable extinguishing media
Full water jet

5.2 Special hazards arising from the substance or mixture
None known.

Hazardous combustion products
None known.

5.3 Advice for firefighters
Adapt protective equipment to surrounding fire.

Special protective equipment for firefighters
Adapt protective equipment to surrounding fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protection equipment. See protective measures under point 7 and 8.

For non-emergency personnel
Use personal protection equipment. See protective measures under point 7 and 8.

For emergency responders
Personal protection equipment
See protective measures under point 7 and 8.

6.2 Environmental precautions
Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up
For cleaning up
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

Other information
Treat the recovered material as prescribed in the section on waste disposal.
6.4 Reference to other sections
None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures
Measures to prevent fire
Keep away from sources of ignition. - No smoking. When using do not smoke.

7.2 Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Keep/Store only in original container. Keep container tightly closed. Keep in a cool, well-ventilated place. Do not store in temperatures below 5 °C.

Hints on joint storage
Do not store together with oxidizing, self-igniting substances and highly flammable solid substances. Store the foodstuffs separately.

7.3 Specific end use(s)
None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Occupational exposure limit values
1-PROPANOL ; CAS No. : 71-23-8
Limit value type (country of origin) : TLV/STEL ( GB )
Limit value : 250 ppm / 625 mg/m³
POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3
Limit value type (country of origin) : TLV/STEL ( GB )
Limit value : 2 mg/m³

DNEL/DMEL and PNEC values
There are no data available on the preparation itself.

DNEL/DMEL
Limit value type : DNEL Consumer (local) ( POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3 )
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 1 mg/m³
Limit value type : DNEL Consumer (systemic) ( 1-PROPANOL ; CAS No. : 71-23-8 )
Exposure route : Inhalation
Exposure frequency : Short-term (acute)
Limit value : 1036 mg/m³
Limit value type : DNEL Consumer (systemic) ( 1-PROPANOL ; CAS No. : 71-23-8 )
Exposure route : Dermal
Exposure frequency : Long-term (repeated)
Limit value : 81 mg/kg
Limit value type : DNEL Consumer (systemic) ( 1-PROPANOL ; CAS No. : 71-23-8 )
Exposure route : Inhalation
Exposure frequency : Long-term (repeated)
Limit value : 80 mg/m³
Limit value type : DNEL Consumer (systemic) ( 1-PROPANOL ; CAS No. : 71-23-8 )
Exposure route : Oral
Exposure frequency : Long-term (repeated)  
Limit value : 61 mg/kg  
Limit value type : DNEL worker (local) (POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3)  
Exposure route : Inhalation  
Exposure frequency : Long-term  
Limit value : 1 mg/m³  
Limit value type : DNEL worker (systemic) (1-PROPANOL ; CAS No. : 71-23-8)  
Exposure route : Inhalation  
Exposure frequency : Short-term (acute)  
Limit value : 1723 mg/m³  
Limit value type : DNEL worker (systemic) (1-PROPANOL ; CAS No. : 71-23-8)  
Exposure route : Dermal  
Limit value : 136 mg/kg  
Limit value type : DNEL worker (systemic) (1-PROPANOL ; CAS No. : 71-23-8)  
Exposure route : Inhalation  
Exposure frequency : Long-term (repeated)  
Limit value : 268 mg/m³  
PNEC  
Limit value type : PNEC aquatic, freshwater (1-PROPANOL ; CAS No. : 71-23-8)  
Limit value : 10 mg/l  
Limit value type : PNEC aquatic, marine water (1-PROPANOL ; CAS No. : 71-23-8)  
Limit value : 1 mg/l  
Limit value type : PNEC (Industrial) (1-PROPANOL ; CAS No. : 71-23-8)  
Exposure route : Soil  
Limit value : 2,2 mg/kg  
Limit value type : PNEC sediment, freshwater (1-PROPANOL ; CAS No. : 71-23-8)  
Limit value : 22,8 mg/kg  
Limit value type : PNEC sediment, marine water (1-PROPANOL ; CAS No. : 71-23-8)  
Limit value : 2,28 mg/kg  
Limit value type : PNEC sewage treatment plant (STP) (1-PROPANOL ; CAS No. : 71-23-8)  
Exposure route : Water (Including sewage plant)  
Limit value : 96 mg/l  

8.2 Exposure controls  
Personal protection equipment  
Eye/face protection  
Eye glasses with side protection DIN EN 166  
Skin protection  
Hand protection  
Short-term exposure (Level 2: < 30 min): disposable gloves to EN374 category III, e.g. nitrile rubber, material thickness 0.1 mm.  
Long-term exposure (Level 6: < 480 min): protective gloves to EN374 category III, e.g. nitrile rubber, material thickness 0.7 mm.  
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.  
Body protection  
Body protection: not required.  
Respiratory protection  
Usually no personal respirative protection necessary.  
General health and safety measures  
Keep away from food, drink and animal feedingstuffs. Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing. Wash hands before breaks and after work. Separate storage of work clothes. When using do not eat, drink, smoke, sniff.  
Occupational exposure controls
Technical measures to prevent exposure
Provide adequate ventilation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

**Appearance:** liquid
**Colour:** blue
**Odour:** Alcohol

**Safety relevant basis data**
- Melting point/melting range: (1013 hPa) No data available
- Initial boiling point and boiling range: (1013 hPa) ca. 100 °C
- Decomposition temperature: (1013 hPa) No data available
- Flash point: 33 °C
- Ignition temperature: 360 °C
- Lower explosion limit: 2,1 Vol-%
- Upper explosion limit: 13,5 Vol-%
- Density: (20 °C) 0,97 - 1,01 g/cm³
- Solvent separation test: (20 °C) < 3 %
- Water solubility: (20 °C) 100 Wt %
- pH value: 12,9 - 13,9
- Flow time: (20 °C) < 20 s DIN-cup 4 mm
- Odour threshold: No data available
- Maximum VOC content (EC): 20 Wt %

**Oxidising liquids:** Not applicable.
**Explosive properties:** Not applicable.
**Corrosive to metals:** Not corrosive to metals.

9.2 Other information
None

SECTION 10: Stability and reactivity

10.1 Reactivity
None, if handled according to order.

10.2 Chemical stability
Stable under recommended storage and handling conditions (see section 7). Reactions with acids: development of heat.

10.3 Possibility of hazardous reactions
Reactions with acids possible

10.4 Conditions to avoid
No information available.

10.5 Incompatible materials
No information available.

10.6 Hazardous decomposition products
None known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

**Acute effects**
**Acute oral toxicity**
**Parameter:** LD50  
**Exposure route:** Oral  
**Species:** Rat  
**Effective dose:** 5078 mg/kg  
**Method:** OECD 401  

**Parameter:** ATEmix calculated  
**Exposure route:** Oral  
**Effective dose:** 25641 mg/kg  

**Parameter:** ATE (POTASSIUM HYDROXIDE; CAS No.: 1310-58-3)  
**Exposure route:** Oral  
**Effective dose:** 500 mg/kg

**Practical experience/human evidence**
Skin and eye contact: frequent and long lasting contact may cause irritation and skin inflammation.

**Acute dermal toxicity**
- **Parameter:** ATEmix calculated  
  **Exposure route:** Dermal  
  **Effective dose:** not relevant  
- **Parameter:** LD50 (1-PROPANOL; CAS No.: 71-23-8)  
  **Exposure route:** Dermal  
  **Species:** Rabbit  
  **Effective dose:** 4000 - 10000 mg/kg  
- **Parameter:** LD50 (1-PROPANOL; CAS No.: 71-23-8)  
  **Exposure route:** Dermal  
  **Species:** Rabbit  
  **Effective dose:** 4032 mg/kg  
- **Parameter:** LD50 (BENZOIC ACID; CAS No.: 65-85-0)  
  **Exposure route:** Dermal  
  **Species:** Rabbit  
  **Effective dose:** > 2000 mg/kg

**Acute inhalation toxicity**
- **Parameter:** ATEmix calculated  
  **Exposure route:** Inhalative (vapour)  
  **Effective dose:** not relevant  
- **Parameter:** LC50 (1-PROPANOL; CAS No.: 71-23-8)  
  **Exposure route:** Inhalation  
  **Species:** Rat  
  **Effective dose:** > 33,8 mg/l  
  **Exposure time:** 4 h  
  **Method:** OECD 403  
- **Parameter:** LD50 (BENZOIC ACID; CAS No.: 65-85-0)  
  **Exposure route:** Inhalation  
  **Species:** Rat  
  **Effective dose:** > 12,2 mg/l  
  **Exposure time:** 4 h

**Irritant and corrosive effects**
Causes serious eye damage. Irritating to skin.

**Sensitisation**
No data available.

**Repeated dose toxicity (subacute, subchronic, chronic)**

**Subacute oral toxicity**
- **Parameter:** NOAEL(C) (BENZOIC ACID; CAS No.: 65-85-0)  
  **Exposure route:** Oral  
  **Species:** Rat  
  **Effective dose:** 500 mg/kg
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : ID 220 Bur disinfection
Revision : 02.01.2018
Print date : 02.01.2018

Version (Revision) : 3.0.1 (3.0.0)

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Subacute dermal toxicity
Parameter : NOAEL(C) ( BENZOIC ACID ; CAS No. : 65-85-0 )
Exposure route : Dermal
Species : Rabbit
Effective dose : 2500 mg/kg
Exposure time : 24 h

Subacute inhalation toxicity
Parameter : NOAEC ( BENZOIC ACID ; CAS No. : 65-85-0 )
Exposure route : Inhalation
Species : Rat
Effective dose : 250 mg/m^3
Exposure time : 24 h

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
No information available.

11.5 Additional information
The classification was carried out according to the calculation method of Regulation No. (EC) 1272/2008 [CLP] as well as in-house investigations.

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity
There are no data available on the preparation itself.

Acute (short-term) fish toxicity
Parameter : LC50 ( POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3 )
Species : Gambusia affinis (Mosquito fish)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : 80 mg/l
Exposure time : 96 h

Parameter : LC50 ( 1-PROPANOL ; CAS No. : 71-23-8 )
Species : Pimephales promelas (fathead minnow)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : 4480 mg/l
Exposure time : 96 h

Parameter : LC50 ( POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3 )
Species : Poecilia reticulata (Guppy)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : 165 mg/l
Exposure time : 24 h

Chronic (long-term) fish toxicity
Parameter : NOEC ( BENZOIC ACID ; CAS No. : 65-85-0 )
Species : Fish
Evaluation parameter : Chronic (long-term) fish toxicity
Effective dose : > 120 mg/l
Exposure time : 672 h

Acute (short-term) daphnia toxicity
Parameter : EC50 ( 1-PROPANOL ; CAS No. : 71-23-8 )
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : 3644 mg/l
Exposure time : 48 h

Chronic (long-term) daphnia toxicity
Parameter : NOEC ( 1-PROPANOL ; CAS No. : 71-23-8 )
Species : Daphnia magna (Big water flea)
Evaluation parameter : Chronic (long-term) daphnia toxicity
Effective dose : > 100 mg/l
Exposure time : 504 h
Method : OECD 211

**Acute (short-term) algae toxicity**
Parameter : EC50 (1-PROpanol ; CAS No. : 71-23-8)
Species : Scenedesmus subspicatus
Evaluation parameter : Inhibition of growth rate
Effective dose : 3100 mg/l
Exposure time : 168 h

**Chronic (long-term) algae toxicity**
Parameter : NOEC (1-PROpanol ; CAS No. : 71-23-8)
Species : Algae
Evaluation parameter : Chronic (long-term) algae toxicity
Effective dose : 1150 mg/l
Exposure time : 48 h

**Bacteria toxicity**
Parameter : EC50 (POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3)
Evaluation parameter : Bacteria toxicity
Effective dose : 22 mg/l
Exposure time : 0,25 h

12.2 Persistence and degradability

**Abiotic degradation**
No data available.

**Biodegradation**
The product is easily biodegradable according to OECD criteria. OECD 301 D. In case of appropriate conduction into adapted biological purification plants no disturbances have to be expected.

12.3 Bioaccumulative potential
No information available.

12.4 Mobility in soil

**Known or predicted distribution to environmental compartments**
There are no data available on the preparation itself.

**Adsorption/Desorption**

12.5 Results of PBT and vPvB assessment
No information available.

12.6 Other adverse effects
No information available.

12.7 Additional ecotoxicological information
Prevent from flowing into surface water/ground water.

**SECTION 13: Disposal considerations**

13.1 Waste treatment methods

**Product/Packaging disposal**
Waste codes/waste designations according to EWC/AVV
Waste code product
Concentrate/larger quantities: 18 01 06* (disinfectant).

Waste treatment options

Appropriate disposal / Product
Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal.

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

SECTION 14: Transport information

14.1 UN number
UN 2924

14.2 UN proper shipping name
Land transport (ADR/RID)
FLAMMABLE LIQUID, CORROSIVE, N.O.S. (1-PROPANOL · POTASSIUM HYDROXIDE)

Sea transport (IMDG)
FLAMMABLE LIQUID, CORROSIVE, N.O.S. (N-PROPANOL · POTASSIUM HYDROXIDE)

Air transport (ICAO-TI / IATA-DGR)
FLAMMABLE LIQUID, CORROSIVE, N.O.S. (1-PROPANOL · POTASSIUM HYDROXIDE)

14.3 Transport hazard class(es)
Land transport (ADR/RID)
Class(es): 3
Classification code: FC
Hazard identification number (Kemler No.): 38
Tunnel restriction code: D/E
Special provisions: LQ 5 l · E 1
Hazard label(s): 3 / 8

Sea transport (IMDG)
Class(es): 3
EmS-No.: F-E / S-C
Special provisions: LQ 5 l · E 1
Hazard label(s): 3 / 8

Air transport (ICAO-TI / IATA-DGR)
Class(es): 3 / 8
Special provisions: E 1
Hazard label(s): 3 / 8

14.4 Packing group
III

14.5 Environmental hazards
Land transport (ADR/RID): No
Sea transport (IMDG): No
Air transport (ICAO-TI / IATA-DGR): No

14.6 Special precautions for user
None

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or
15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 03. Hazardous ingredients

16.2 Abbreviations and acronyms

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimates
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CMR = Carcinogen, Mutagen or Reproductive toxicant
CO₂ = Carbon dioxide
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EC = European Commission
EC50 = Half maximal effective concentration
EN = European Standard (Norm)
EU = European Union
EUH statement = CLP - specific Hazard statement
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
H statement = GHS Hazard statement
IATA = International Air Transport Association
ICAO-TI = International Civil Aviation Organization-Technical Instructions
IMDG = International Maritime Dangerous Goods
LC50 = Median lethal concentration
LD50 = Median lethal dose
LogPow = Logarithm of the octanol/water partition coefficient
NOEC/NOEL = No observed effect concentration/level
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC) No. 1907/2006]
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RMN = Risk Management Measure
RRN = REACH Registration Number
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
SVHC = Substances of Very High Concern
TLV/STEL = Threshold limit value/short-term exposure limit
TLV/TWA = Threshold limit value/time weighted average
UN = United Nations
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC)
1272/2008 [CLP]
No information available.

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

<table>
<thead>
<tr>
<th>H-number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H225</td>
<td>Highly flammable liquid and vapour.</td>
</tr>
<tr>
<td>H290</td>
<td>May be corrosive to metals.</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness.</td>
</tr>
<tr>
<td>H372</td>
<td>Causes damage to organs through prolonged or repeated exposure.</td>
</tr>
</tbody>
</table>

16.6 Training advice
None

16.7 Additional information
Notice the directions for use on the label.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.