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

### 1.1. Product identifier

Prolub

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

**Use of the substance/mixture**

Lubricants, greases, release products

**Uses advised against**

Reserved for industrial and professional use.

### 1.3. Details of the supplier of the safety data sheet

| | |
|---|---|
| Company name: | ITW LLC & Co. KG |
| Street: | Mühlackerstrasse 149 |
| Place: | D-75417 Mühlacker |
| Telephone: | ++49(0)7041-96340 Telefax: ++49(0)7041-963429 |
| e-mail: | info@itwcp.de |
| Internet: | www.itwcp.de |
| Responsible Department: | Produktsicherheit Mo. - Do. 8.00 - 16.30 Fr. 8.00 - 14.00<br>Swiss Toxicological Information Centre - Téléphone : +41 44 251 51 51 (in Switzerland dial 145)<br>United Kingdom : National Poisons Information Service - Phone number : 8448920111<br>Österreich : Vergiftungsinformationszentrale Vienna - Telefon-Nummer : +43 1 406 43 43<br>Schweiz : Tox Info Suisse - Telefon-Nummer : +41 44 251 51 51<br>Italia : Centro Antiveleni, Roma - Numero di telefono : +39 06 305 4343<br>España : Instituto Nacional de Toxicología - Teléfono : +34 91 562 04 20 |

### 1.4. Emergency telephone number:

Deutschland: ++49(0)7041-96340

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Regulation (EC) No. 1272/2008**

Hazard categories:
Aerosol: Aerosol 1
Hazard Statements:
Extremely flammable aerosol.
Pressurised container: May burst if heated.

### 2.2. Label elements

**Regulation (EC) No. 1272/2008**

**Hazard components for labelling**

Naphtha (Erdoel), mit Wasserstoff behandelte schwere
Naphtha (petroleum), hydrotreated heavy

**Signal word:** Danger

**Pictograms:**

**Hazard statements**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

**Precautionary statements**

P211 Do not spray on an open flame or other ignition source.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P251 Do not pierce or burn, even after use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Hazardous components**

| CAS No | Chemical name | | | Quantity |
|---|---|---|---|---|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 64742-48-9 | Hydrocarcons, C9-C11, n-Alkane,iso-Alkane | | | 50-70% |
| | 265-150-3 | | 01-2119457273-39 | |
| | Asp. Tox. 1; H304 | | | |
| 124-38-9 | Carbondioxide | | | 2,5-10% |
| | 204-696-9 | | | |
| | Compressed gas; H280 | | | |
| 93820-57-6 | Benzenesulfonic acid, di-C10-18-alkyl derivs., calcium salts | | | <1% |
| | 298-637-4 | | | |
| | Skin Irrit. 2, Aquatic Chronic 3; H315 H412 | | | |
| 9014-92-0 | Poly(oxy-1,2-ethanediyl),a-(dodecylphenyl)-w-hydroxy- | | | <1% |
| | 500-023-0 | | | |
| | Acute Tox. 4, Eye Dam. 1, Aquatic Chronic 2; H302 H318 H411 | | | |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**After inhalation**

Provide fresh air. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**After contact with skin**

After contact with skin, wash immediately with: Water. Change contaminated clothing.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion**

If swallowed, immediately drink: Water.

### 4.2. Most important symptoms and effects, both acute and delayed

No data available

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

No data available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media**

Suitable extinguishing media:Carbon dioxide. Extinguishing powder. dry extinguishing powder. Co-ordinate fire-fighting measures to the fire surroundings.

**Unsuitable extinguishing media**

Water with tenside additive. Water.

**5.2. Special hazards arising from the substance or mixture**

Heating causes rise in pressure with risk of bursting.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Provide adequate ventilation. Wear a self-contained breathing apparatus and chemical protective clothing.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up**

Ventilate affected area.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

**Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

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

**Requirements for storage rooms and vessels**

Keep container tightly closed.

**Hints on joint storage**

Do not store together with: Material, rich in oxygen, oxidizing.

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Exposure limits (EH40)**

| CAS No | Substance | ppm | mg/m³ | fibres/ml | Category | Origin |
|---|---|---|---|---|---|---|
| 124-38-9 | Carbon dioxide | 5000 | 9150 | | TWA (8 h) | WEL |
| | | 15000 | 27400 | | STEL (15 min) | WEL |

**8.2. Exposure controls**

**Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

**Protective and hygiene measures**

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

DIN EN 374 Tested protective gloves are to be worn: NBR (Nitrile rubber) For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. NBR (Nitrile rubber)

**Skin protection**

Protective clothing:

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state: | Aerosol |
| Colour: | light brown |
| Odour: | characteristic |

**Changes in the physical state**

| | |
|---|---|
| Flash point: | 105 °C |
| Density: | 0,80 g/cm³ |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

No data available

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

Keep away from heat. Ignition hazard.

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

No data available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity**

| CAS No | Chemical name | | | | |
|---|---|---|---|---|---|
| | Exposure route | Dose | Species | Source | Method |
| 9014-92-0 | Poly(oxy-1,2-ethanediyl),a-(dodecylphenyl)-w-hydroxy- | | | | |
| | oral | ATE 500 mg/kg | | | |

**Irritation and corrosivity**

Vapours may cause drowsiness and dizziness.

## SECTION 12: Ecological information

**Further information**

Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Advice on disposal**

Dispose of waste according to applicable legislation.

**Waste disposal number of waste from residues/unused products**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

**Waste disposal number of contaminated packaging**

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

**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 1950

**14.2. UN proper shipping name:** AEROSOLS

**14.3. Transport hazard class(es):** 2

**14.4. Packing group:** -

Hazard label: 2.1

Classification code: 5F
Special Provisions: 190 327 344 625
Limited quantity: 1 L
Excepted quantity: E0
Transport category: 2
Tunnel restriction code: D

**Other applicable information (land transport)**

E0

**Inland waterways transport (ADN)**

| | |
|---|---|
| **14.1. UN number:** | UN 1950 |
| **14.2. UN proper shipping name:** | AEROSOLS |
| **14.3. Transport hazard class(es):** | 2 |
| **14.4. Packing group:** | - |
| Hazard label: | 2.1 |

| | |
|---|---|
| Classification code: | 5F |
| Special Provisions: | 190 327 344 625 |
| Limited quantity: | 1 L |
| Excepted quantity: | E0 |

**Other applicable information (inland waterways transport)**

AEROSOLS

**Marine transport (IMDG)**

| | |
|---|---|
| **14.1. UN number:** | UN1950 |
| **14.2. UN proper shipping name:** | AEROSOLS |
| **14.3. Transport hazard class(es):** | 2 |
| **14.4. Packing group:** | - |
| Hazard label: | 2, see SP63 |

| | |
|---|---|
| Special Provisions: | 63, 190, 277, 327, 344, 959 |
| Limited quantity: | See SP277 |
| EmS: | F-D, S-U |

**Other applicable information (marine transport)**

E0

**Air transport (ICAO-TI/IATA-DGR)**

| | |
|---|---|
| **14.1. UN number:** | UN 1950 |
| **14.2. UN proper shipping name:** | AEROSOLS, flammable |
| **14.3. Transport hazard class(es):** | 2.1 |
| **14.4. Packing group:** | - |
| Hazard label: | 2.1 |

| | |
|---|---|
| Special Provisions: | A145 A167 A802 |
| Limited quantity Passenger: | 30 kg G |
| Passenger LQ: | Y203 |
| Excepted quantity: | E0 |
| IATA-packing instructions - Passenger: | 203 |
| IATA-max. quantity - Passenger: | 75 kg |
| IATA-packing instructions - Cargo: | 203 |
| IATA-max. quantity - Cargo: | 150 kg |

**Other applicable information (air transport)**

00000000005: Forbidden

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

## SECTION 15: Regulatory information

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

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28: Hydrocarcons, C9-C11, n-Alkane,iso-Alkane

2004/42/EC (VOC): 248g / 400ml Dose

**National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

## SECTION 16: Other information

**Relevant H and EUH statements (number and full text)**

| | |
|---|---|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |
| H280 | Contains gas under pressure; may explode if heated. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

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

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

### 1.1. Product identifier

Prolub bulk

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

**Use of the substance/mixture**

Lubricants, greases, release products

**Uses advised against**

Reserved for industrial and professional use.

### 1.3. Details of the supplier of the safety data sheet

| | |
|---|---|
| Company name: | ITW LLC & Co. KG |
| Street: | Mühlackerstrasse 149 |
| Place: | D-75417 Mühlacker |
| Telephone: | ++49(0)7041-96340 Telefax: ++49(0)7041-963429 |
| e-mail: | info@itwcp.de |
| Internet: | www.itwcp.de |
| Responsible Department: | Produktsicherheit Mo. - Do. 8.00 - 16.30 Fr. 8.00 - 14.00<br>Swiss Toxicological Information Centre - Téléphone : +41 44 251 51 51 (in Switzerland dial 145)<br>United Kingdom : National Poisons Information Service - Phone number : 8448920111<br>Österreich : Vergiftungsinformationszentrale Vienna - Telefon-Nummer : +43 1 406 43 43<br>Schweiz : Tox Info Suisse - Telefon-Nummer : +41 44 251 51 51<br>Italia : Centro Antiveleni, Roma - Numero di telefono : +39 06 305 4343<br>España : Instituto Nacional de Toxicología - Teléfono : +34 91 562 04 20 |

### 1.4. Emergency telephone number:

Deutschland: ++49(0)7041-96340

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Regulation (EC) No. 1272/2008**

Hazard categories:
Aspiration hazard: Asp. Tox. 1
Hazard Statements:
May be fatal if swallowed and enters airways.

### 2.2. Label elements

**Regulation (EC) No. 1272/2008**

**Hazard components for labelling**

Naphtha (Erdoel), mit Wasserstoff behandelte schwere
Naphtha (petroleum), hydrotreated heavy

**Signal word:** Danger

**Pictograms:**

**Hazard statements**

H304 May be fatal if swallowed and enters airways.

**Precautionary statements**

| | |
|---|---|
| P405 | Store locked up. |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER/doctor. |
| P501 | Dispose of contents/container to Dispose of this material and its container to hazardous or special waste collection point.. |
| P331 | Do NOT induce vomiting. |
| P102 | Keep out of reach of children. |

**Special labelling of certain mixtures**

| | |
|---|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Hazardous components**

| CAS No | Chemical name | | | Quantity |
|---|---|---|---|---|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 64742-48-9 | Hydrocarcons, C9-C11, n-Alkane,iso-Alkane | | | 50-100% |
| | 265-150-3 | | 01-2119457273-39 | |
| | Asp. Tox. 1; H304 | | | |
| 93820-57-6 | Benzenesulfonic acid, di-C10-18-alkyl derivs., calcium salts | | | <1% |
| | 298-637-4 | | | |
| | Skin Irrit. 2, Aquatic Chronic 3; H315 H412 | | | |
| 9014-92-0 | Poly(oxy-1,2-ethanediyl),a-(dodecylphenyl)-w-hydroxy- | | | <1% |
| | 500-023-0 | | | |
| | Acute Tox. 4, Eye Dam. 1, Aquatic Chronic 2; H302 H318 H411 | | | |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information**

No special measures are necessary.

**After inhalation**

Provide fresh air.

**After contact with skin**

After contact with skin, wash immediately with: Water. Change contaminated clothing.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

**After ingestion**

If swallowed, immediately drink: Water. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### 4.2. Most important symptoms and effects, both acute and delayed

No data available

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

No data available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings. Extinguishing powder. Carbon dioxide (CO2). Foam.

**Unsuitable extinguishing media**

Water. Water with tenside additive.

### 5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Co-ordinate fire-fighting measures to the fire surroundings.

**Additional information**

Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains. In case of fire: Wear self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment. Provide adequate ventilation. Wear personal protection equipment. Remove all sources of ignition.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains.

### 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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation as well as local exhaustion at critical locations. Avoid contact with eyes and skin.

**Advice on protection against fire and explosion**

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

**Further information on handling**

Keep only in the original container in a cool, well-ventilated place.

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

**Requirements for storage rooms and vessels**

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Keep container in a well-ventilated place. Observe in addition any national regulations!

**Hints on joint storage**

Observe in addition any national regulations!

**Further information on storage conditions**

none

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

**Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

**Protective and hygiene measures**

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

DIN EN 374 Tested protective gloves are to be worn: NBR (Nitrile rubber) For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. NBR (Nitrile rubber)

**Skin protection**

Protective clothing:

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state: | liquid |
| Colour: | light brown |
| Odour: | characteristic |

**Changes in the physical state**

| | |
|---|---|
| Initial boiling point and boiling range: | 101 °C |
| Flash point: | 105 °C |
| Lower explosion limits: | 0,6 vol. % |
| Upper explosion limits: | 5,5 vol. % |
| Ignition temperature: | 232 °C |
| Vapour pressure: | 0,1 hPa |
| Density: | 0,84 g/cm³ |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

No data available

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

No data available

**Further information**

No data available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity**

| CAS No | Chemical name | | | | |
|---|---|---|---|---|---|
| | Exposure route | Dose | Species | Source | Method |
| 9014-92-0 | Poly(oxy-1,2-ethanediyl),a-(dodecylphenyl)-w-hydroxy- | | | | |
| | oral | ATE 500 mg/kg | | | |

**Irritation and corrosivity**

Caution if victim vomits: Risk of aspiration!

**STOT-repeated exposure**

Has degreasing effect on the skin. Frequently or prolonged contact with skin may cause dermal irritation.

## SECTION 12: Ecological information

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Advice on disposal**

Dispose of waste according to applicable legislation.

**Contaminated packaging**

Water (with cleaning agent). Completely emptied packages can be recycled.

## SECTION 14: Transport information

**Land transport (ADR/RID)**

**Other applicable information (land transport)**

No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

**Other applicable information (inland waterways transport)**

No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

**Other applicable information (marine transport)**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

**Other applicable information (air transport)**

No dangerous good in sense of this transport regulation.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

## SECTION 15: Regulatory information

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

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28: Hydrocarcons, C9-C11, n-Alkane,iso-Alkane

2004/42/EC (VOC): 0,596kg/l

**National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

## SECTION 16: Other information

**Relevant H and EUH statements (number and full text)**

| | |
|---|---|
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

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