



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kabelglide

Revision date: 27.11.2019

Product code: 151

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#### Hazard statements

|      |  |
|------|--|
| H222 | Extremely flammable aerosol.                     |
| H229 | Pressurised container: May burst if heated.      |
| H315 | Causes skin irritation.                          |
| H336 | May cause drowsiness or dizziness.               |
| H411 | Toxic to aquatic life with long lasting effects. |

#### Precautionary statements

|           |  |
|-----------|--|
| P332+P313 | If skin irritation occurs: Get medical advice/attention.                                       |
| 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.                   |
| P273      | Avoid release to the environment.  |
| P271      | Use only outdoors or in a well-ventilated area.  |
| 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   |                  |
| 74-98-6  | propane  | 30-50%           |
|          | 200-827-9  | 601-003-00-5     |
|          | Flam. Gas 1; H220  |                  |
|          | Hydrocarbons, C6, isoalkanes, <5% n-hexane   | 25-50%           |
|          | 931-254-9  | 01-2119484651-34 |
|          | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411 |                  |
| 106-97-8 | butane   | 20-30%           |
|          | 203-448-7  | 601-004-00-0     |
|          | Flam. Gas 1; H220  |                  |

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

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**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**Carbon dioxide (CO<sub>2</sub>). Foam. Extinguishing powder.**Unsuitable extinguishing media**

Water with tenside additive. Water.

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

Combustible. Vapours may form explosive mixtures with air. Heating causes rise in pressure with risk of bursting.

**5.3. Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing.

**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. Explosion hazard.

**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. Keep in a cool, well-ventilated place. Keep away from sources of ignition - No smoking.

**Hints on joint storage**

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

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

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#### Exposure limits (EH40)

| CAS No   | Substance | ppm | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|----------|-----------|-----|-------------------|-----------|---------------|--------|
| 106-97-8 | Butane    | 600 | 1450              |           | TWA (8 h)     | WEL    |
|          |           | 750 | 1810              |           | 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

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: | Aerosol        |
| Colour:         |                |
| Odour:          | characteristic |

#### Changes in the physical state

|  |                        |
|--|------------------------|
| Initial boiling point and boiling range: | -0,5 °C                |
| Flash point:                             | < 0 °C                 |
| Lower explosion limits:                  | 1,2 vol. %             |
| Upper explosion limits:                  | 9,4 vol. %             |
| Ignition temperature:                    | 298 °C                 |
| Vapour pressure:                         | 2100 hPa               |
| (at 20 °C)                               |                        |
| Vapour pressure:                         | 4900 hPa               |
| (at 50 °C)                               |                        |
| Density (at 20 °C):                      | 0,72 g/cm <sup>3</sup> |

## SECTION 10: Stability and reactivity

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**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 |  |
|          | Hydrocarbons, C6, isoalkanes, <5% n-hexane |                  |         |        |        |  |
|          | oral                                       | LD50 >1000 mg/kg | Fisch 1 |        |        |  |
| 106-97-8 | butane                                     |                  |         |        |        |  |
|          | inhalation (4 h) gas                       | LC50 273000 ppm  | Rat     | GESTIS |        |  |

**Irritation and corrosivity**

Vapours may cause drowsiness and dizziness. After skin contact: irritant.

**SECTION 12: Ecological information**
**12.1. Toxicity**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

| CAS No | Chemical name                              |                  |           |                            |        |        |
|--------|--|------------------|-----------|----------------------------|--------|--------|
|        | Aquatic toxicity                           | Dose             | [h]   [d] | Species                    | Source | Method |
|        | Hydrocarbons, C6, isoalkanes, <5% n-hexane |                  |           |                            |        |        |
|        | Acute algae toxicity                       | ErC50 >1000 mg/l | 72 h      | Alge                       |        |        |
|        | Acute crustacea toxicity                   | EC50 >1000 mg/l  | 48 h      | Daphnia pulex (water flea) |        |        |

**12.3. Bioaccumulative potential**
**Partition coefficient n-octanol/water**

| CAS No   | Chemical name | Log Pow |
|----------|---------------|---------|
| 74-98-6  | propane       | 2,36    |
| 106-97-8 | butane        | 2,89    |

**Further information**

Do not allow to enter into surface water or drains.

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**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. 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:** UN1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
Hazard label: 2.1



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

**Other applicable information (land transport)**

E0

**Inland waterways transport (ADN)**

**14.1. UN number:** UN1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
Hazard label: 2.1



Classification code: 5F  
Special Provisions: 190 327 344 625  
Limited quantity: 1 L

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

E0

**Marine transport (IMDG)**

**14.1. UN number:** UN1950

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**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:** UN1950  
**14.2. UN proper shipping name:** AEROSOLS, flammable  
**14.3. Transport hazard class(es):** 2.1  
Hazard label: 2.1



Special Provisions: A145 A167  
Limited quantity Passenger: 30 kg G  
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)**  
E0  
: Y203

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: yes

**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: Hydrocarbons, C6, isoalkanes, <5% n-hexane; butane  
2004/42/EC (VOC): 230g/400ml Dose

**National regulatory information**

Water contaminating class (D): 2 - clearly water contaminating

**SECTION 16: Other information**

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

|      |  |
|------|--|
| H220 | Extremely flammable gas.                         |
| H222 | Extremely flammable aerosol.                     |
| H225 | Highly flammable liquid and vapour.              |
| H229 | Pressurised container: May burst if heated.      |
| H304 | May be fatal if swallowed and enters airways.    |
| H315 | Causes skin irritation.                          |
| H336 | May cause drowsiness or dizziness.               |
| H411 | Toxic 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.)*