

## Safety Data Sheet



HAUPA GmbH & Co.KG

according to Regulation (EC) No 1907/2006

### Kontakt-Spray "HUPwetBlock" Aerosol 400 ml

Print date: 15.03.2016

Product code: 170180

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

### 1.1. Product identifier

Kontakt-Spray "HUPwetBlock" Aerosol 400 ml

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

#### Use of the substance/mixture

Lubricant, lubricants and release products

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

|                         |                                           |                               |
|-------------------------|-------------------------------------------|-------------------------------|
| Company name:           | HAUPA GmbH & Co.KG                        |                               |
| Street:                 | Königstraße 165-169                       |                               |
| Place:                  | D-42853 Remscheid                         |                               |
| Telephone:              | +49 (2191) 84 18-0                        | Telefax: +49 (2191) 84 18 840 |
| e-mail:                 | sales@haupa.com                           |                               |
| Contact person:         | Jochen Husli                              | Telephone: +49 (2191) 84 18-0 |
| e-mail:                 | jochen.husli@haupa.com                    |                               |
| Internet:               | www.haupa.com                             |                               |
| Responsible Department: | Sicherheitsdatenblätter / Datenmanagement |                               |

### 1.4. Emergency telephone

Die Nummer der Gesellschaft ist nur zu Bürozeiten besetzt: +49 (2191) 84 18-0(7:00 - 16:30 Uhr)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Hazard categories:

Aerosol: Aerosol 1

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Aspiration hazard: Asp. Tox. 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Causes serious eye irritation.

May cause respiratory irritation.

May cause drowsiness or dizziness.

Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

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

#### Hazard components for labelling

Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha  
propan-2-ol; isopropyl alcohol; isopropanol

Signal word: Danger

Pictograms:



#### Hazard statements

H222

Extremely flammable aerosol.

H229

Pressurised container: May burst if heated.

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|      |                                                    |
|------|----------------------------------------------------|
| H319 | Causes serious eye irritation.                     |
| H335 | May cause respiratory irritation.                  |
| H336 | May cause drowsiness or dizziness.                 |
| H412 | Harmful to aquatic life with long lasting effects. |

#### Precautionary statements

|           |                                                                                                |
|-----------|------------------------------------------------------------------------------------------------|
| P210      | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211      | Do not spray on an open flame or other ignition source.                                        |
| P251      | Do not pierce or burn, even after use.                                                         |
| P271      | Use only outdoors or in a well-ventilated area.                                                |
| P273      | Avoid release to the environment.                                                              |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.                   |

#### Additional advice on labelling

The product is classified and labelled according to EC directives or corresponding national laws.

#### 2.3. Other hazards

Processing vapours can irritate the respiratory tracts, skin and eyes. Do not breathe aerosol.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Mixture related information

##### Hazardous components

| CAS No     | Chemical name                                                                                                   |              |                  | Quantity   |
|------------|-----------------------------------------------------------------------------------------------------------------|--------------|------------------|------------|
|            | EC No                                                                                                           | Index No     | REACH No         |            |
|            | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                 |              |                  |            |
| 68476-40-4 | Hydrocarbons, C3-4; Petroleum gas                                                                               |              |                  | 25 -< 50 % |
|            | 270-681-9                                                                                                       | 649-199-00-1 | 01-2119486557-22 |            |
|            | Flam. Gas 1; H220                                                                                               |              |                  |            |
| 64742-48-9 | Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha                             |              |                  | 15 -< 25 % |
|            | 265-150-3                                                                                                       | 649-327-00-6 | 01-2119486659-16 |            |
|            | Flam. Liq. 3, Eye Irrit. 2, STOT SE 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H319 H335 H336 H304 H411 |              |                  |            |
| 67-63-0    | propan-2-ol; isopropyl alcohol; isopropanol                                                                     |              |                  | < 5 %      |
|            | 200-661-7                                                                                                       | 603-117-00-0 | 01-2119457558-25 |            |
|            | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336                                                           |              |                  |            |

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

#### Further Information

Full text of R-phrases: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Remove contaminated, saturated clothing immediately.

##### After inhalation

Provide fresh air. Seek medical attention if problems persist.

##### After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

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### After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

### After ingestion

Caution if victim vomits: Risk of aspiration! Medical treatment necessary.

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

The following symptoms may occur: difficulties of breathing. Headache.

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

Caution if victim vomits: Risk of aspiration! In all cases of doubt, or when symptoms persist, seek medical advice.

## SECTION 5: Firefighting measures

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>). Dry extinguishing powder. Foam.

#### **Unsuitable extinguishing media**

High power water jet.

### **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.

### **Additional information**

Contaminated fire-fighting water must be collected separately. Co-ordinate fire-fighting measures to the fire surroundings.

## SECTION 6: Accidental release measures

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

Remove all sources of ignition. Provide adequate ventilation.

### **6.2. Environmental precautions**

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).

### **6.4. Reference to other sections**

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**

Use only in well-ventilated areas. Keep away from sources of ignition. - No smoking. Flammable vapours can accumulate in head space of closed systems.

#### **Advice on protection against fire and explosion**

Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.

#### **Further information on handling**

Heating causes rise in pressure with risk of bursting.

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

#### **Requirements for storage rooms and vessels**

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

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### Advice on storage compatibility

No data available

### Further information on storage conditions

Protect against: heat.

### 7.3. Specific end use(s)

Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

| CAS No  | Substance   | ppm | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|---------|-------------|-----|-------------------|-----------|---------------|--------|
| 67-63-0 | Propan-2-ol | 400 | 999               |           | TWA (8 h)     | WEL    |
|         |             | 500 | 1250              |           | STEL (15 min) | WEL    |

#### DNEL/DMEL values

| CAS No                   | Substance                                   | Exposure route | Effect   | Value           |
|--------------------------|---------------------------------------------|----------------|----------|-----------------|
| 67-63-0                  | propan-2-ol; isopropyl alcohol; isopropanol |                |          |                 |
| Consumer DNEL, long-term |                                             | oral           | systemic | 26 mg/kg bw/day |

#### PNEC values

| CAS No                                           | Substance                                   | Value     |
|--------------------------------------------------|---------------------------------------------|-----------|
| 67-63-0                                          | propan-2-ol; isopropyl alcohol; isopropanol |           |
| Micro-organisms in sewage treatment plants (STP) |                                             | 2251 mg/l |

### 8.2. Exposure controls

#### Appropriate engineering controls

Do not eat, drink, smoke or sneeze at the workplace.

#### Protective and hygiene measures

Work in well-ventilated zones or use proper respiratory protection.

#### Eye/face protection

Tightly sealed safety glasses.

#### Hand protection

Protect skin by using skin protective cream.

Hand protection: NBR (Nitrile rubber).

Thickness of glove material: > 0,45mm

penetration time (maximum wearing period): > 240min

#### Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

#### Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

#### Environmental exposure controls

Further informations concerning special risk management measures: see annex of this safety data sheet

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(exposure scenarios).

## SECTION 9: Physical and chemical properties

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

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

#### Test method

#### Changes in the physical state

|                         |                         |
|-------------------------|-------------------------|
| Lower explosion limits: | 1,5 vol. %              |
| Upper explosion limits: | 9,5 vol. %              |
| Ignition temperature:   | > 200 °C                |
| Density (at 20 °C):     | 0,675 g/cm <sup>3</sup> |
| Water solubility:       | Immiscible              |

### 9.2. Other information

|                |                   |
|----------------|-------------------|
| Solid content: | No data available |
|----------------|-------------------|

## 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 known hazardous reactions.

### 10.4. Conditions to avoid

Ignition hazard.

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapors.

#### Further information

In case of exceeding the storage temperature: Danger of bursting container.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

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

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| CAS No     | Chemical name                                                                       |        |              |         |        |
|------------|-------------------------------------------------------------------------------------|--------|--------------|---------|--------|
|            | Exposure routes                                                                     | Method | Dose         | Species | Source |
| 64742-48-9 | Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha |        |              |         |        |
|            | oral                                                                                | LD50   | > 5000 mg/kg | Rat     |        |
|            | inhalative (4 h) vapour                                                             | LC50   | >7630 mg/l   | Rat     |        |
| 67-63-0    | propan-2-ol; isopropyl alcohol; isopropanol                                         |        |              |         |        |
|            | oral                                                                                | LD50   | 4570 mg/kg   | Rat     |        |
|            | dermal                                                                              | LD50   | 13400 mg/kg  | Rabbit  |        |
|            | inhalative (4 h) aerosol                                                            | LC50   | 30 mg/l      | Rat     |        |

#### Irritation and corrosivity

Causes serious eye irritation.

#### Sensitising effects

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

#### STOT-single exposure

May cause respiratory irritation. (Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha)

May cause drowsiness or dizziness. (Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha), (propan-2-ol; isopropyl alcohol; isopropanol)

#### Severe effects after repeated or prolonged exposure

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

#### 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

Leakage into the environment must be prevented.

| CAS No     | Chemical name                                                                       |        |            |           |                              |        |
|------------|-------------------------------------------------------------------------------------|--------|------------|-----------|------------------------------|--------|
|            | Aquatic toxicity                                                                    | Method | Dose       | [h]   [d] | Species                      | Source |
| 64742-48-9 | Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha |        |            |           |                              |        |
|            | Acute fish toxicity                                                                 | LC50   | 10 mg/l    | 96 h      |                              |        |
| 67-63-0    | propan-2-ol; isopropyl alcohol; isopropanol                                         |        |            |           |                              |        |
|            | Acute fish toxicity                                                                 | LC50   | > 100 mg/l | 96 h      | Leuciscus idus (golden orfe) |        |
|            | Acute algae toxicity                                                                | ErC50  | > 100 mg/l | 72 h      | Scenedesmus subspicatus      |        |
|            | Acute crustacea toxicity                                                            | EC50   | > 100 mg/l | 48 h      | Daphnia magna                |        |

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

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**12.6. Other adverse effects**

Harmful to aquatic organisms.

**Further information**

Do not allow uncontrolled leakage of product into the environment. Doesn't get into the sewage water as long as the process is carried out according to regulations.  
hazardous to water (WGK 2)

**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  
Classified as hazardous waste.

**Waste disposal number of used product**

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

Dispose of waste according to applicable legislation.

**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  
 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

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#### **14.4. Packing group:**

-

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:**

UN 1950

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

AEROSOLS

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

2.1

##### **14.4. Packing group:**

-

Hazard label:

2.1



Special Provisions:

63, 190, 277, 327, 344, 959

Limited quantity:

1000 mL

EmS:

F-D, S-U

#### **Other applicable information (marine transport)**

E0

#### **Air transport (ICAO)**

##### **14.1. UN number:**

UN 1950

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

AEROSOLS

##### **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

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:

no

#### **14.6. Special precautions for user**

No data available

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#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No data available

#### **Other applicable information**

Transport as "limited quantity" according to chapter 3.4 ADR/RID.

### **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):

VOC-value (in g/L): 454

Volatile organic compounds (VOC) content in percent by weight: 66

##### **National regulatory information**

Water contaminating class (D):

2 - water contaminating

#### **15.2. Chemical safety assessment**

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

### **SECTION 16: Other information**

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

|      |                                                    |
|------|----------------------------------------------------|
| H220 | Extremely flammable gas.                           |
| H222 | Extremely flammable aerosol.                       |
| H225 | Highly flammable liquid and vapour.                |
| H226 | Flammable liquid and vapour.                       |
| H229 | Pressurised container: May burst if heated.        |
| H304 | May be fatal if swallowed and enters airways.      |
| H319 | Causes serious eye irritation.                     |
| H335 | May cause respiratory irritation.                  |
| H336 | May cause drowsiness or dizziness.                 |
| H411 | Toxic to aquatic life with long lasting effects.   |
| H412 | Harmful to aquatic life with long lasting effects. |

#### **Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

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