

According to Regulation (EC) No 1907/2006

**Fogskum för pistol, vinter****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Trade name**

Fogskum för pistol, vinter

**Article No.**

37-857

**UFI code**

KP72-D14E-X00C-S19D

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

Joint sealants

**1.3. Details of the supplier of the safety data sheet****Supplier**

BILTEMA SWEDEN AB

Street address

Arenavägen 17

SE-433 33 Partille

Sweden

Telephone

+46 77 520 00 00

Email

kundservice@biltema.com

Web site

www.biltema.se

**1.4. Emergency telephone number**

No data available

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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

##### Classification

Carcinogenicity, hazard category 2

Skin irritation, hazard category 2

Skin sensitisation, hazard category 1

Respiratory sensitisation, hazard category 1

Specific Target Organ Toxicity — Repeated exposure, hazard category 2

Eye irritation, hazard category 2

Acute toxicity, inhalation, hazard category 4

Specific Target Organ Toxicity — Single exposure, hazard category 3

Aerosol, Hazard category 1

##### Hazard statements

H222, H229, H315, H317, H319, H332, H334, H335, H336, H351, H373

##### Supplemental hazard statements

EUH204

#### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

##### Hazard pictograms



##### Signal word

Danger

##### Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure

##### Supplemental hazard statements

EUH204 Contains isocyanates. May produce an allergic reaction.

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### **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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.

P260 Do not breathe mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P284 wear respiratory protection.

P302 + P352 IF ON SKIN: Wash with plenty of water/.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

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

P501.1 Dispose of contents/container to National regulations.

### **More information**

Individuals who are sensitive to diisocyanates may experience allergic reactions when using this product. Individuals with asthma, eczema or skin problems should avoid contact, including skin contact, with this product. In poor ventilation conditions, this product may only be used together with a protective mask with a suitable gas filter (type A1 according to Standard EN 14387).

As of August 24, 2023, appropriate training is required prior to industrial or professional use.

### **2.3. Other hazards**

No data available

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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

| Chemical name  | CAS No.<br>EC No.<br>REACH No.<br>Index No.     | Concentration | Classification   | H-phrase<br>M factor acute<br>M factor chronic                    | Note |
|--|---|---------------|--|---|------|
| Isocyanic acid,<br>polymethylenepolyphenylene<br>ester | 9016-87-9<br>618-498-9<br>01-2119457014-47<br>- | 30 - 45%      | Skin Irrit. 2, Skin<br>Sens. 1, Eye Irrit.<br>2, Acute Tox. 4 -<br>inhalation, Resp.<br>Sens. 1, Carc. 2,<br>STOT RE 2,<br>STOT SE 3 | H315, H317,<br>H319, H332,<br>H334, H335,<br>H351, H373<br>-<br>- | -    |
| butane   | 106-97-8<br>203-448-7<br>-<br>601-004-00-0      | 2.5 - 10%     | Flam. Gas 1A,<br>Press. Gas  | H220<br>-<br>-  | C U  |
| propane  | 74-98-6<br>200-827-9<br>-<br>601-003-00-5       | 2.5 - 10%     | Flam. Gas 1A,<br>Press. Gas  | H220<br>-<br>-  | U    |
| dimethyl ether   | 115-10-6<br>204-065-8<br>-<br>603-019-00-8      | 2.5 - 10%     | Flam. Gas 1A,<br>Press. Gas  | H220<br>-<br>-  | U    |
| Tris(2-chloro-1-methylethyl)<br>phosphate              | 13674-84-5<br>237-158-7<br>-<br>-               | 2.5 - 10%     | Acute Tox. 4 -<br>oral   | H302<br>-<br>-  | -    |

**Substance additional information**

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Call a POISON CENTER or doctor/physician if you feel unwell.

**Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin contact**

After contact with skin, wash immediately with plenty of water and soap. Take off contaminated clothing and wash it before reuse. Call a POISON CENTER or doctor/physician if you feel unwell.

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### **Eye contact**

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

### **Ingestion**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

### **Inhalation**

May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### **Skin contact**

Causes skin irritation. May cause an allergic skin reaction.

### **Eye contact**

Causes eye irritation.

## **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**

Suitable extinguishing media : foam, carbon dioxide, dry powder or water mist.

#### **Unsuitable extinguishing media**

Do not use a strong jet of water as it may spread and expand the fire.

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

Extremely flammable aerosol. Chemical under pressure: may explode if heated.

In the case of thermal decomposition, the following are formed: Carbon dioxide Carbon monoxide Nitrogen oxides (NOx) Hydrogen cyanide

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighters**

Use respiratory protection and protective clothing.

## **SECTION 6: Accidental release measures**

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

Provide good ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

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### 6.2. Environmental precautions

Prevent leakage from reaching drains, land or watercourses. Local authorities must be notified if significant spills can't be avoided.

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

Take up spills by using non-combustible absorbent materials (eg sandy soil, iatomic soil, vermiculite). Collect in closed and suitable containers for disposal.

### 6.4. Reference to other sections

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Preventive handling precautions

Use only outdoors or in a well-ventilated area. Keep away from sources of ignition - No smoking. Do not spray on naked flames or any incandescent material. Pressurized container: Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protection equipment (refer to section 8).

#### General hygiene

Wash hands before breaks and after work. Wash contaminated clothing prior to re-use.

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

Do not store together with: Acids Strong bases. Oxidizing agents. Explosives. Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

### 7.3. Specific end use(s)

See section 1.2 for specific applications.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL/DMEL

| Product/Substance name<br>(CAS No./EC No.) | Type | Exposure                          | Value                  | Population | Effects  |
|--|------|-----------------------------------|------------------------|------------|----------|
| dimethyl ether<br>(115-10-6/204-065-8)     | DNEL | Chronic (long term)<br>Inhalation | 1894 mg/m <sup>3</sup> | Workers    | Systemic |
| dimethyl ether<br>(115-10-6/204-065-8)     | DNEL | Chronic (long term)<br>Inhalation | 471 mg/m <sup>3</sup>  | Consumers  | Systemic |

|                        |            |
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### PNEC/PEC

| Product/Substance name<br>(CAS No./EC No.) | Type | Environmental compartment          | Value                             |
|--|------|------------------------------------|-----------------------------------|
| dimethyl ether<br>(115-10-6/204-065-8)     | PNEC | Freshwater                         | 155 µg/l                          |
| dimethyl ether<br>(115-10-6/204-065-8)     | PNEC | Marine water                       | 16 µg/l                           |
| dimethyl ether<br>(115-10-6/204-065-8)     | PNEC | Sewage Treatment Plant             | 160 mg/l                          |
| dimethyl ether<br>(115-10-6/204-065-8)     | PNEC | Sediment (freshwater)              | 681 µg/kg<br>sediment<br>dw       |
| dimethyl ether<br>(115-10-6/204-065-8)     | PNEC | Sediment (marine water)            | 69 µg/kg<br>sediment<br>dw        |
| dimethyl ether<br>(115-10-6/204-065-8)     | PNEC | Soil                               | 0.045<br>mg/kg soil<br>dry weight |
| dimethyl ether<br>(115-10-6/204-065-8)     | PNEC | Intermittent releases (freshwater) | 1.549 mg/l                        |

### 8.2. Exposure controls

#### Appropriate engineering controls

Provide good ventilation.

#### Eye / face protection

Use eye protection according to EN 166.

#### Hand protection

Wear protective gloves. Wear suitable gloves tested to EN374. NBR (Nitrile rubber)

#### Other skin protection

Wear suitable protective clothing if there is a risk of skin contact.

#### Respiratory protection

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

#### Environmental exposure controls

Avoid release to the environment.

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**Fogskum för pistol, vinter****SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Physical state**

Gas

**Colour**

light yellow

**Odour**

Characteristic

**Melting point / freezing point**

No data available

**Boiling point or initial boiling point and boiling range**

No data available

**Flammability**

Extremely flammable aerosol.

**Lower and upper explosion limit**

No data available

**Flash point**

No data available

**Auto-ignition temperature**

No data available

**Decomposition temperature**

No data available

**pH**

No data available

**Kinematic viscosity**

No data available

**Solubility**

No data available

**Partition coefficient n-octanol/water**

No data available

**Vapour pressure**

5 bar

**Density and/or relative density**16 - 22 kg/m<sup>3</sup>

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**Fogskum för pistol, vinter****Relative vapour density**

No data available

**Explosive properties**

Flammable aerosol. Pressurized container: May burst if heated.

**VOC %**

&lt; 2 g/l

**9.2. Other information**

No data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Extremely flammable chemical under pressure: may explode if heated.

**10.2. Chemical stability**

Stable under recommended storage and handling conditions.

**10.3. Possibility of hazardous reactions**

Stable under recommended storage and handling conditions.

**10.4. Conditions to avoid**

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

**10.5. Incompatible materials**

Acids Strong bases. Oxidizing agents. Water

**10.6. Hazardous decomposition products**

In the case of thermal decomposition, the following are formed: Formaldehyde

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

| Product / Substance name<br>CAS / EC no. | Dose descriptor | Value / Dose         | Exposure route | Duration of exposure | Test animals |
|--|-----------------|----------------------|----------------|----------------------|--------------|
| butane<br>106-97-8 / 203-448-7           | LC50 Inhalation | 658 g/m <sup>3</sup> | -              | 4 h                  | -            |
| propane                                  | LC50 Inhalation | -                    | 658 mg /l      | 4 h                  | rat          |

|                        |            |
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| Product / Substance name<br>CAS / EC no. | Dose descriptor | Value / Dose | Exposure route | Duration of exposure | Test animals |
|--|-----------------|--------------|----------------|----------------------|--------------|
| 74-98-6 / 200-827-9                      |                 |              |                |                      |              |

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Serious eye damage/eye irritation

**Germ cell mutagenicity**

Contains isocyanates. May produce an allergic reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Carcinogenicity**

Suspected of causing cancer.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard**

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

**11.2. Information on other hazards**

**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**SECTION 12: Ecological information**

**12.1. Toxicity**

No data available

**12.2. Persistence and degradability**

**Persistence and degradability**

| Product / Substance name<br>CAS / EC no. | Remark   |
|--|--|
| butane<br>106-97-8 / 203-448-7           | The substance is biodegradable .Unlikely to persist. |

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**Fogskum för pistol, vinter****12.3. Bioaccumulative potential****Bioaccumulative potential**

| Product / Substance name<br>CAS / EC no. | LogKow / LogPow | Result | Remark   |
|--|-----------------|--------|--|
| butane<br>106-97-8 / 203-448-7           | Log Pow         | 2.89   | Förväntas inte bioackumuleras på grund av låg log Kow (log kow <4) |

**12.4. Mobility in soil****Mobility**

| Product / Substance name<br>CAS / EC no. | Mobility  |
|--|---|
| butane<br>106-97-8 / 203-448-7           | På grund av sin höga flyktighet är det osannolikt att produkten orsakar mark- eller vattenföroreningar. |

**12.5. Results of PBT and vPvB assessment**

No data available

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**12.7. Other adverse effects**

No data available

**Other**

No data available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal considerations**

National regulatory information

**SECTION 14: Transport information****14.1. UN number**

1950

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**Fogskum för pistol, vinter****14.2. UN proper shipping name****ADR / RID / ADN proper shipping name**

AEROSOLS, flammable

**14.3. Transport hazard class(es)****Label**

ADR/RID/ADN



2.1

**ADR / RID Class**

2

**ADR / RID Classification code**

5F

**ADN Class**

2

**ADN Class Code**

5F

**14.4. Packing group**

Not applicable

**14.5. Environmental hazards**

Not applicable

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

Tunnel restriction code D

Transport category 2

**14.7. Maritime transport in bulk according to IMO instruments**

Not applicable

**Other**

Not applicable

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

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**Fogskum för pistol, vinter****15.2. Chemical safety assessment**

No data available

**SECTION 16: Other information****Changes to previous revision**

Changes compared to previous version: Special labelling required: see subsection 2.2 (other labelling) for further information.

**Phrase meaning**

Skin Irrit. 2 - Skin irritation, hazard category 2

Skin Sens. 1 - Skin sensitisation, hazard category 1

Eye Irrit. 2 - Eye irritation, hazard category 2

Acute Tox. 4 - inhalation - Acute toxicity, inhalation, hazard category 4

Resp. Sens. 1 - Respiratory sensitisation, hazard category 1

Carc. 2 - Carcinogenicity, hazard category 2

STOT RE 2 - Specific Target Organ Toxicity — Repeated exposure, hazard category 2

STOT SE 3 - Specific Target Organ Toxicity — Single exposure, hazard category 3

Flam. Gas 1A - Flammable gases, hazard category 1A

Press. Gas - Gases under pressure

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

H220 Extremely flammable gas.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure