



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

1.1. Product identifier

Name of product Hand Protective Foam Spray
Code-Nr. 118500

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

Recommended intended purpose(s)

Technical Aerosols

1.3. Details of the supplier of the safety data sheet

Distributor

WEICON GmbH & Co. KG
Königsberger Str. 255,, DE-48157 Münster
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322 - 244
E-Mail : msds@weicon.de
Internet : www.weicon.de

Advice

Produktsicherheit / Product-Safety-Department
Phone ++49(0)251 / 9322 - 0
E-mail (competent person):
msds@weicon.de

1.4. Emergency telephone number

EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel:
++44 1865 407333 (English)
TRANSPORT EMERGENCY CONTACT - UK, UAE, South
Africa (24h): Tel: ++44 1865 407333 (English)

Manufacturer

WEICON GmbH & Co. KG
Königsberger Str. 255, DE-48157 Münster

1.4. Emergency telephone number

GIFTNOTRUF/TRANSPORTNOTRUF - Deutschland (24h):
Tel: ++49 69 222 25285 (Deutsch, Englisch)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard Statements

H229 Pressurised container: May burst if heated.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard Statements

H229 Pressurised container: May burst if heated.

Precautionary Statements

P102 Keep out of reach of children.



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 04.08.2016

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Hand Protective Foam Spray

| | |
|-------------|--|
| 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. |
| P410 + P412 | Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. |
| P501 | Dispose of contents/container to hazardous or special waste collection point. |

Special rules for supplemental label elements for certain mixtures

Contains 11,7% flammable substances.

2.3. Other hazards

Information pertaining to special dangers for human and environment

Although this product is not subject to reporting requirements for hazardous products, we recommend compliance with the safety recommendations.

Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

Preparation of propellant and a mixture of stearate, propylene glycol, glycerole, liposomes, water and process materials.

Hazardous ingredients

| CAS No | EC No | Name | [% weight] | Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] |
|----------|-----------|-----------|------------|--|
| 75-28-5 | 200-857-2 | isobutane | 1 - 10 | Flam. Gas 1, H220 / Press. Gas |
| 106-97-8 | 203-448-7 | butane | 1 - 10 | Flam. Gas 1, H220 / Press. Gas |
| 74-98-6 | 200-827-9 | propane | 1 - 10 | Flam. Gas 1, H220 / Press. Gas |

REACH

| CAS No | Name | REACH registration number |
|---------|---------|---------------------------|
| 74-98-6 | propane | 01-2119486944-21 |

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Not required

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

No special measure necessary.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Seek medical advice.



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

No information available.

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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam

Dry powder

Carbon dioxide

Water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Danger of bursting

In case of fire formation of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Additional information

Cool endangered containers with water spray jet.

Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

Keep away sources of ignition.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Disposal according to regulations.

Take up with absorbent material.

Additional Information

Sort out leaky cans and dispose according to regulations.

6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8



SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas.

General protective measures

Do not inhale gases/vapours/aerosols.

Avoid contact with the eyes.

Hygiene measures

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Do not spray on a naked flame or any incandescent material.

Pressurized container.

Do not pierce or burn even after use.

Avoid effect of heat.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in closed original container.

Adhere to administrative regulations relating to storage of compressed gas cylinders / containers.

Further information on storage conditions

Keep container in a well-ventilated place

Storage temperature may not exceed 50°C (=122°F).

Recommended storage temperature: room temperature.

7.3. Specific end use(s)

Recommendation(s) for intended use

See section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with occupational exposure limits to be monitored

| CAS No | Name | Code | [mg/m3] | [ppm] | Remark |
|----------|--------|------------|---------|-------|-----------|
| 106-97-8 | Butane | 8 hours | 1450 | 600 | EH40/2005 |
| | | Short-term | 1810 | 750 | |

Additional advice

The statutory local and national regulations have to be observed.

8.2. Exposure controls

Respiratory protection

Not required

Hand protection

Not required

Eye protection

Not required

Other protection measures

Not required



Appropriate engineering controls
Sufficient ventilation and exhaustion.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | | |
|-------------------|---------------|----------------|
| Appearance | Colour | Odour |
| aerosol | whitish | characteristic |

Odour threshold

not determined

Important health, safety and environmental information

| | Value | Temperature | at | Method | Remark |
|--|------------------------|-------------|----|--------|-----------------------------------|
| pH value | not determined | | | | |
| boiling point | not applicable | | | | |
| Melting point / Freezing point | not determined | | | | |
| Flash point | > 55 °C | | | | |
| Vapourisation rate | not applicable | | | | |
| Flammable (solid) | not applicable | | | | |
| Flammability (gas) | not determined | | | | |
| Ignition temperature | 365 °C | | | | |
| Self ignition temperature | | | | | The product is not self-igniting. |
| Lower explosion limit | not determined | | | | |
| Upper explosion limit | not determined | | | | |
| Vapour pressure | 6500 hPa | 20 °C | | | |
| Relative density | 0,92 g/cm ³ | 20 °C | | | |
| Vapour density | not determined | | | | |
| Solubility in water | | | | | miscible |
| Solubility/other | not determined | | | | |
| Partition coefficient n-octanol/water (log P O/W) | not determined | | | | |
| Decomposition temperature | not determined | | | | |
| Viscosity | not determined | | | | |



Oxidising properties

No information available.

Explosive properties

The product is considered non-explosive ; nevertheless explosive vapour/air mixtures can be generated .

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Keep away from heat.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

| | Value/Validation | Species | Method | Remark |
|---------------------------|------------------|---------|--------|--------|
| Skin irritation | non-irritant | | | |
| Eye irritation | non-irritant | | | |
| Skin sensitization | non-sensitizing | | | |

Experiences made from practice

Swallowing may cause vomiting and diarrhoea.

Inhalation causes impairment of sense of coordination and response time.

Additional information

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

**Hand Protective Foam Spray**

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects**General regulation**

Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Waste code No.**

15 01 04

15 01 10*

Name of waste

metallic packaging

packaging containing residues of or contaminated by hazardous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Dispose of according to the local waste regulations.

Recommended cleansing agent

Water

General information

For proper waste disposal a complete emptying of the tin is necessary.

SECTION 14: Transport information

| | ADR/RID | IMDG | IATA-DGR |
|---|----------------|-------------|-------------------------|
| 14.1. UN number | 1950 | 1950 | 1950 |
| 14.2. UN proper shipping name | AEROSOLS | AEROSOLS | Aerosols, non-flammable |
| 14.3. Transport hazard class(es) | 2.2 | 2.2 | 2.2 |
| 14.4. Packing group | - | - | - |
| 14.5. Environmental hazards | No | No | No |

14.6. Special precautions for user

Caution: Gases

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

Land and inland navigation transport ADR/RID

Hazard label(s) 2.2

tunnel restriction code E

Classification code 5A

transport in "limited quantities" according to 3.4 ADR is possible



Transport/further information

24h EMERGENCY CONTACT (TRANSPORT) +49(0)178 433 7434 (Consultank Lutz Harder GmbH)

SECTION 15: Regulatory information

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

VOC standard

VOC content 12,17 %

VOC value ca.92 g/L

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

For industrial use only.

Further information

Each user is responsible for the implementation of the national special regulations.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 8.4

H220 Extremely flammable gas.