

Product identifier: base L smokefluid
Revision date: 19.03.15
Print date: 31.03.15
Version: 3.1.0

1. Identification of the mixture and of the company/undertaking

1.1 Product identifier

base L smokefluid

1.2 Relevant identified uses of the mixture and uses advised against

To produce smoke and dust

1.3 Details of the supplier of the safety data sheet

Company name:
hazebase

Street:
Stargarder Straße 2

Place:
D-30900 Wedemark

Telephone for technical information:
+49 (0) 5130 / 371005

Telephone / Telefax / E-Mail
+49 (0) 5130 / 371005 / +49 (0) 5130 / 371006 / e-mail: info@hazebase.com

1.4 Emergency telephone

+49 61 31 / 19 24 0 (Giftinfo Mainz, 24 h in Deutsch und Englisch)

2. Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with ordinance (EC) no. 1272/2008

This mixture is not classified as dangerous according to Directive (EG) Nr. 1272/2008.

Classification in accordance with EU guidelines 67/548/ EEC or 1999/45/ EC

This mixture is not classified as dangerous according to Directive 1999/45/EC.

2.2 Label elements

Not necessary

2.3 Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

3. Composition/information on ingredients

3.1 This product is a mixture

3.2 Chemical characterization

Mixture related information: Water, Propantriol and Glycol.

4. First aid measures

4.1 Description of first aid measures

Remove contaminated clothing.

After contact with skin: After contact with skin, wash immediately with: Water and soap

After contact with eyes: Flush eyes with water while holding eyelids open. Rest eyes for 30 minutes. If redness, burning, blurred vision, or swelling persist, transport to the nearest medical facility for additional treatment.

After ingestion: In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No data available
Effects: No important effects known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire fighting measures

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5.1 Suitable extinguishing media

Atomized water, extinguishing powder, alcohol resisted Foam, CO₂.

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

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

Additional information

Use water spray/stream to protect personnel and to cool endangered containers.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Guide people to safety.

6.2 Environmental precautions

Do not empty into drains or the aquatic environment.

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

Protection measures see section 7 and 8.

7. Handling and storage

7.1 Precautions for safe handling

If using chemicals the usual precautions have to be observed.
After work wash your hands.

7.2 Conditions for safe storage, including any incompatibilities

Keep container closed.
Suitable container materials: PE, PP, PET, stainless steel, glass.
Recommended storage temperature: max. 40°C / 104°F

7.3 Specific end use(s)

Smoke fluid

8. Exposure controls/personal protection

8.1 Control parameters

Not applicable

8.2 Exposure controls

Personal protective equipment

Hand protection:

Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN 374, US:F739) made from the following materials may provide suitable chemical protection: Longer term protection: PVC, neoprene rubber, nitrile rubber. Suitability and durability of a glove is dependent of usage, e.g. frequency and duration of dexterity. Always seek advice from glove suppliers.

Eye protection:

Chemical splash goggles.

Occupational exposure controls:

If using chemicals the usual precautions have to be observed.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- | | |
|--|---|
| - Physical state: Liquid | - Boiling point (1013 hPa): 153-159°C / 307 – 318°F |
| - Colour: Colourless | - Flashpoint: >113°C / 235°F |
| - Odour: Odourless, mild | - Ignition temperature: >420°C / 788°F |
| - Melting point: -41°C / -41,8°F | - Vapour pressure (20°C/68°F): Not determined |
| - Density (20°C/68°F): Ca. 1,06g/cm ³ | - Water solubility (20°C/68°F): Complete miscible |
| - pH-Value: 6,0 - 7,0 | - Viscosity / dynamic (20°C/68°F): 48 mPa.s |

9.2 Other information

Other data have not been determined.

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10. Stability and reactivity

10.1 Reactivity

None if used as intended

10.2 Chemical stability

Stable under normal temperature and pressure conditions

10.3 Possibility of hazardous reactions

None if used as intended

10.4 Conditions to avoid

None

10.5 Incompatible materials

Strong oxidising agents. Strong acids

10.6 Hazardous decomposition products

Violent reactions with strong oxidising agents

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD50: >28.000mg/kg (rat)

Irritation, corrosivity, sensitization

Skin: May cause moderate skin irritation (but insufficient to classify)

Eyes: Moderately irritating to eyes (but insufficient to classify)

Sensitisation: Not expected to be a skin sensitizer.

Repeated dose toxicity

No data available

Carcinogenicity, mutagenicity, reproductive toxicity

The product does not contain relevant concentrations of carcinogenic, mutagenic and toxic to reproduction properties.

Other information

Additional advice: If the using of the product is intended, there will be no harmful effect.

12. Ecological information

12.1 Toxicity

LC50 : > 10.000 mg/l (Pimephales promelas; 96 h)

EC50 : > 100 mg/l (Daphnia magna (water fleas); 48 h)

12.2 Persistence and degradability

Readily biodegradable > 70 % (OECD 301 A)

12.3 Bioaccumulative potential

Bioaccumulation is not expected

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Mixture is not considered to be persistent, bioaccumulating nor toxic (PBT).

Mixture is not considered to be very persistent and very bioaccumulative nor (vPvB).

12.6 Other adverse effects

Do not empty into drains or the aquatic environment.

Other information

The toxicological data of this product have not been determined experimentally. The figures are calculated from the evaluations or tests of similar products.

13. Disposal considerations

13.1 Waste treatment methods

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Small amounts diluted with water, dispose with wastewater. Larger amounts back to the manufacturer.

Packaging

Completely emptied packing can be re-cycled.
Advice cleaner: Water, in case with cleaner

14. Transport information

14.1 UN-No

14.2 Proper shipping name:

14.3 Class(es)

No dangerous goods under the provisions of ADR road transport / RID railway transport / AND / IMDG sea transport / IATA air transport

14.4 Packing group

14.5 Environmental hazards

Dangerous for the environment: No

14.6 Special precautions for user

See section 6-8

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

This product is not intended for transport in bulk.

15. Regulatory information

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

National regulatory information (D):

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

15.2 Chemical Safety Assessment

Chemical safety assessments for this mixture were not carried out.

16. Other information

Applicable EC-Directives

Preparations Directive (1999/45/EG), at last amended by Regulation (EG) Nr. 1907/2006.
Substances Directive (67/548/EEG), at last amended by Directive 2009/2/EG.
REACH-Regulation (EG) Nr. 1907/2006 at last amended by Regulation (EU) Nr.474/2014.
CLP-Regulation (EG) Nr. 1272/2008, at last amended by Regulation (EU) Nr. 605/2014.

Other information

Section was revised

The data correspond to our present state of knowledge and experience. Warranty or guarantee of the properties is not associated with.

DS 1412-1 MW Material Safety Data Sheet 50604300