

SAFETY DATA SHEET acc. to REGULATION (EC) No 1907/2006 (REACH) (amended by Regulation (EU) No 453/2010)

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Trade name: Güpoflex-ALF Art. 141 for AITM6-9005

Version: 2.0

Page: 1/4

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier** : Güpoflex-ALF Art. 141
- 1.2.1 Relevant identified uses** : Density check acc. to AITM6-9005
(Airbus Test Method for Inspection Processes)
- 1.2.2 Uses advised against** : -
- 1.3 Details of the supplier of the safety data sheet**
- Manufacturer** : Guepo GmbH
- Address** : Siemensstrasse 13, 77694 KEHL, GERMANY
- Phone / Fax** : +49-7851-99477-0 / +49-7851-99477-77
- E-Mail** : manfred.schmitt-bormann@guepo.de
- 1.4 Emergency phone no.** : +49-170-5582282

2. HAZARDS IDENTIFICATION

- 2.1 Classification acc. to CLP/GHS**
- Regulation (EC) No 1272/2008** : None.
- 2.2 Label elements acc. to Regulation (EC) No 1272/2008 (CLP/GHS)**
- Hazard pictograms** : -
- Hazard/precautionary statement:** P102 Keep out of reach of children.
P273 Avoid release to the environment.
P391 Collect spillage.
- 2.3 Other hazards** : Please note the best before date.

3. COMPOSITION INFORMATION ON INGREDIENTS

- 3.1 Substances REACH-No** : -
- 3.2 Mixture** : Foam producing solution. Mixture of non-ionic and cationic surfactants, alcohols and polyols in water.
These are subject to labelling:
Fatty alcohol with 8 moles EO (<1%)
Acute toxicity (oral), Cat.4 H302.
Serious eye damage/Eye irritation, Cat.1, H318.

4. FIRST AID MEASURES

4.1 Description of first aid measures

- General information** : Change contaminated, saturated clothing.
- Following inhalation** : Provide fresh air. If complains arise consult physician.
- Following skin contact** : Wash with water and soap. If complains arise consult physician.
- Following eye contact** : Flush with plenty of flowing water for 10 to 15 minutes holding the eyelids apart.
If complains arise consult physician.
- Following ingestion** : Rinse mouth with water and drink some.
- 4.2 Most important symptoms and effects, both acute and delayed** : No known symptoms to date.

4.3 Indication of any immediate medical attention and special treatment needed : -

5. FIREFIGHTING MEASURES

5.1.1 Extinguishing media, suitable: Water spray jet, alcohol resistant foam, carbon dioxide (CO₂), extinguishing powder, water mist.

5.1.2 ditto, unsuitable : Full water jet, to avoid scattering and spreading the fire.

5.2 Special hazards arising from the substance or mixture

: A fire causes hazardous gases/fumes to be given off (e.g. carbon monoxide and carbon dioxide).

5.3 Advice for fire-fighters

: Staying in the danger zone wear a self-contained breathing apparatus. Cool down containers with sprayed water from a safe distance. Keep fire extinguishing water away from drains, surface- and ground-water, soil.
Avoid skin contact by wearing suitable protective clothing and keeping safe distance.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

: Avoid contact with eyes.

6.2 Environmental precautions

: Avoid the entry of big amounts of product and contaminated washing water into surface water and soil.

6.3 Methods and material for containment and cleaning up

: Big amounts can be pumped. Taking up the spills with suitable absorbant materials. Collect in closed and suitable containers for disposal.

6.4 Reference to other sections

: Also see section 7, 8, and 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling : Protect from heat and temperatures exceeding 100°C.

7.2 Conditions for safe storage, including

any incompatibilities

: Store only in original containers, at ambient temperature, not above 100°C. Protect against frost below -25°C.
Keep away from food, drink and animal feedingstuffs.

Storage class

: 12.

7.3 Specific end uses

: -

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

: None.

8.1.1 Occupational exposure limits: None.

8.1.2 Biological limit values : None.

8.1.3 Exposure limits at intended use: None.

8.2 Exposure controls

8.2.1 Appropriate engineering controls: -

8.2.2 Personal protective equipment

Eye/face protection

: Danger of splashes: protective goggles.

Skin protection

: For long lasting contact: gloves.

Respiratory protection

: None, in case of intended use.

Thermal hazards

: None, in case of intended use.

8.2.3 Environmental exposure controls: None, in case of intended use.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

- Physical state : Liquid.
- Colour : None.
- Odour : Characteristic.

9.2 Safety relevant basic data

- pH : Approx. 6.0
- Surface tension : < 40 mN/m.
- Boilingpoint : > 100°C, not exactly determined.
- Flashpoint : Not applicable.
- Freezingpoint : Approx. -25°C acc. ASTM D 1015.
- Vapour pressure : Like vapour pressure of water.
- Density : Approx. 1,05 g/cm³.
- Solubility in water : 100 %.
- Solubility in fat/oil : Not.
- Explosion limit, lower : Not applicable.
- Explosion limit, upper : Not applicable.
- Oxidizing properties : Not applicable.

10. STABILITY AND REACTIVITY

- 10.1 Reactivity : -
- 10.2 Chemical stability : Under normal ambient conditions chemically stable.
- 10.3 Possibility of hazardous reactions : None when handled and stored according to provisions.
- 10.4 Conditions to avoid : Temperatures above 100°C and below -25°C.
- 10.5 Incompatible materials : Oxidizing materials.
- 10.6 Hazardous decomposition products : None, in case of intended use.

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****11.1.2 For mixtures**

- Acute toxicity** : Components which may contribute to acute oral toxicity:
Fatty alcohol with 8 mol EO (<1%), LD50 (oral): 301 mg/kg.
LD50 (oral): 301 mg/kg.
- Calculated estimated value**
- acute toxicity** : ATE (mix): Not applicable.
- Skin irritation** : Relevant components: None.
- Skin corrosion** : Relevant components: None.
- Serious eye damage** : Relevant components: None.
- Serious eye irritation** : Relevant components: None.
- Specific target organ toxicity – Single exposure: Narcotic effects** : Relevant components: None.
- Sensitisation** : No effects known.
- Toxicity of repeated dosing** : -
- Carcinogenicity** : -
- Mutagenicity** : -
- Reproductive toxicity** : -

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity** : Components which may contribute to acute hazard to the aquatic environment: None.
- 12.2 Persistence and degradability:** Biodegradable.
- 12.3 Bioaccumulative potential** : No indication to bioaccumulation potential.
- 12.4 Mobility in soil** : No data available.
- 12.5 Result of PBT and vPvB assessment** : According to the available datas the classification criteria are not meet as PBT or vPvB.
- 12.6 Other adverse effects** : No data available.

13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods** : Dispose of waste according to applicable legislation.
- Waste code** : 150102 Plastics.
- Packaging** : Legal requirements are valid. Completely emptied packaging can be recycled. Also see section 6.
- Cleaned packaging** : Can be given to discarded metal. Not a hazardous material.

14. TRANSPORT INFORMATION

- 14.1 Land transport** No dangerous goods acc. to ADR/RID
- 14.2 Sea transport** No dangerous goods acc. to IMDG
- 14.3 Air transport** No dangerous goods acc. to IATA/DGR

15. REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** : Güpoflex-ALF Art. 141 for AITM6-9005 is not classified as a dangerous mixture or composition according to Regulation (EC) No. 1907/2006 (REACH)
- National regulations** : WGK 1 (VwVwS)
- Other relevant regulations** : -
- 15.2 Chemical safety assessment** : -

16. OTHER INFORMATION

- Indication of changes** : Conformation to GHS/CLP.
- Abbreviations and acronyms** : Cat. = Category.
- CLP labelling** : -
- H phrases / P phrases** : H302 Harmful as swallowed.
H318 Causes serious eye damage.
P102 Keep out of reach of children.
P273 Avoid release to the environment.
P391 Collect spillage.
- DIN DVGW Reg.-Number** : -
- Tariff code** : 3402 9010.
- International inventories** : -

TECHNICAL INFORMATION

- Dr. Abderrahim Elmouakibi
- Phone** : +49-7851-99477-55
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- Ingredients** : Glycols, water, glycerines, combinations of non-ionic and cationic surfactants.