



GLYCERIN

1. Identification of the product and of the company

Identification of the product : Lubricant glycerin 99,5 % food grade

Company : **ALBIN Pump**

Z.A de Fontgrave – F - 26740 MONTBOUCHER

2. Composition/information on ingredients

1,2,3 – Trihydroxypropane

3. Hazards identification of the product

None if used for intended purpose

4. First aid measures

No further precaution necessary after removal of the product

After inhalation :

- remove to fresh air

After skin contact :

- rinse with running water

After eye contact :

- immediately flush eyes with copious amounts of running water (for 10 minutes), if necessary see an oculist

After ingestion :

- flush oral cavity, drink plenty of water, see a physician.

5. Fire-fighting measures

Suitable extinguishing media :

- Foam, extinguishing powder, carbon dioxide, water spray jet

Extinguishing media which must not be used for safety reasons : none known

Special exposure hazards arising from the product itself, from combustion products or from resulting gases : non known

Special protective equipment for fire-fighters : wear protective equipment

6. Accidental release measure

Personal precautions :

- Avoid contact with skin and eyes

Environmental precautions :

- Do not allow to flow into drainage system

Methods of cleaning up/of removing

Remove with liquid-absorbing material (sand, peat, sawdust)

7. Handling and storage

Handling: Avoid open flames

Storage: Keep container tightly sealed

Store in a cool, dry place,

Storage class: VCI-storage class : 10 (BRD)

8. Exposure controls / personal protection

Information on the system design: No special measures required

Components with specific control parameters: None

Personal protection:

- Hand protection: suitable protective gloves

- Eye protection: protective goggles

9. Physical and chemical properties

Physical state: liquid

Colour: colourless, clear

Melting point: approx. 18° C

Boiling point: approx. 290° C

Flash point: approx. 180° C DIN ISO 2592 (Cleveland)

Vapour pressure: (50° C) 0.0025 mbar

Relative density: (20° C) 1,263 g/cm³

Solubility: Soluble in water (20° C) unlimited

10. Stability and reactivity

Conditions to avoid: No decomposition if used according to specifications

Material to avoid: None known if used for its intended purpose

Hazardous decomposition products: None if used for intended purpose

11. Toxicological information

Ingestion: Acute oral toxicity: LD₅₀ > 2000 mg/kg body weight, rat.

12. Ecological information

The following ecological data is estimated on the basis of the raw materials contained in the product and/or of structurally comparable substance.

Persistence and degradability:

The material is degraded quickly. All individual organic components contained in the product are, with at least 60 % BOD₂₈/COD in the Closed Bottle Test or with at least 70 % DOC removal in the Modified OECD Screening Test, readily biodegradable according to the OECD classification.

Aquatic toxicity:

- Acute fish toxicity : LC 50 > 100 mg product/l

- Chronic bacteria toxicity: EC 50 > 1 mg product/l.

13. Disposal considerations

Waste incineration with the approval of the responsible local authority.

14. Transport information

Not a hazardous material according to RID/ADR, GGVS/GGVE, ADNR, IMDG, ICAO-TI/IATA-DGR.

15. Regulatory information

Classification and labelling according to Gefstoffv.

Symbols of danger : Not subject of the identification regulations.

R-Phrases : Not applicable

S-Phrases : Not applicable

National prescriptions : Water hazard class (WGK) : 0 (classification by the German Commission)

16. Other information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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