

SAFETY DATA SHEET

according to EC directive 91/155/EC



Version 2.0

Immersion glycerine

Material: 000000-0106-645

Revision date: 10.02.2004

print date: 11.04.2008

1. Identification of the substance / preparation and the company / undertaking

Trade name : Immersionsglycerin

Manufacturer/supplier : Carl Zeiss
Address : Carl-Zeiss-Straße 22
D-73447 Oberkochen

Telephone : +49(0)7364/20-0

Contact for information : Forschung & Technologie; Technologie Chemie (FT-TC)
Telephone : +49(0)7364/20-4599
Telefax : +49(0)7364/20-4521
:

Emergency telephone : Poisoning Control Center
number : +49(0)551/19240

Use of the Substance / Preparation

For application information, consult the processing instructions. Processing instructions or technical information sheet available on request.

2. Composition / information on ingredients

Chemical characterization

Alcoholic solution.

Synonyms :
CAS-No. :
EC-No. :
INDEX No. :

Hazardous components

Description	Number	Concentration	Symbol(s)	R-phrases
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3. Hazards identification

Classification

Not applicable.

4. First aid measures

Inhalation : Move to fresh air. If symptoms persist, call a physician.
Skin contact : Wash off with soap and water.
Eye contact : Rinse immediately with plenty of water for at least 5 minutes. If symptoms persist, call a physician.
Ingestion : Clean mouth with water and drink afterwards plenty of water. If symptoms persist, call a physician.

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5. Fire-fighting measures

- Suitable extinguishing media : carbon dioxide (CO₂), dry chemical, foam, water spray jet
- Extinguishing media which must not be used for safety reasons : high volume water jet
- Hazards caused by the substance/combustion products/origin of gases : In case of fire formation of carbonoxides and other toxic gases/vapors possible. In the event of fire and/or explosion do not breathe fumes.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

6. Accidental release measures

- Personal precautions : Do not breathe vapours or spray mist.
- Removal : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel.

7. Handling and storage

Handling

- Safe handling advice : When using, do not eat, drink or smoke.
- Advice on protection against fire and explosion : normal measures of preventive fire protection

Storage

- Requirements for storage areas and containers : Keep tightly closed.

8. Exposure controls / personal protection

Exposure limit(s)

Components	CAS-No.	Value	Basis	Concentration
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- Note : None

Occupational exposure controls

- Protective measures : Avoid contact with eyes. Wash hands before breaks and at the end of workday.
- Hygiene measures : Take off all contaminated clothing immediately. When using, do not eat, drink or smoke.
- Respiratory protection : Not required; except in case of aerosol formation.
- Hand protection : not required
- Eye protection : safety glasses
- Skin and body protection : Use personal protective equipment.

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9. Physical and chemical properties

General Information

Form : liquid
Colour : clear
Odour : slight

Important Health Safety and Environmental Information

Boiling point/range : ca. 100 °C
Flash point : ca. 180 °C
Density : 1,23 g/cm³ at 20 °C
Water solubility : completely soluble
Viscosity, dynamic : 136 mPa.s at 25 °C

10. Stability and reactivity

Thermal decomposition : No decomposition if used as directed.
Hazardous reactions : Vapours may form explosive mixture with air.

Conditions to avoid : Strong heating.
Materials to avoid : strong oxidizing agents, peroxides, Halogens
Hazardous decomposition products : None known, Under fire conditions: acrolein

11. Toxicological information

Other information on toxicity : The preparation itself is not examined.

12. Ecological information

Persistence and degradability

Biological degradability : Readily biodegradable.

Further Information

Other data : The preparation itself is not examined. The data refer to the specifications of the ingredients. Do not discharge into sewerage system, surface water or soil.

13. Disposal considerations

Product : In accordance with local and national regulations.
Uncleaned packaging : Dispose of as unused product.

14. Transport information

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Other information

ADR, IATA_C, IATA_P, IMDG : Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

Labelling name

Code letter and hazard labeling of product

The product does not need to be labelled in accordance with EC directives or respective national laws.

Hazardous components which must be listed on the label:

EC-No. :

16. Other information

The information in this safety sheet is based on the data available at the time of compilation and is intended to describe the product with respect to the precautions to be taken in its use. This information is provided without any guarantee of the properties specified.

Relevant changes to the previous version are symbolized by vertical bars at the left edge.

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