

Material Safety Data Sheet

According to EG 1907/2006



Date Updated: 04/08/2009

Version: 1.0

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1. Identification of the substance and of the company	
Product name	Poly(propylene glycol)
Manufacturer / supplier identification	
Company	PSS Polymer Standards Service GmbH In der Dalheimer Wiese 5 D - 55023 Mainz
Technical Phone	+49 6131 - 96239 - 0
Fax	+49 6131 - 96239 -11
Email	Info@polymer.de
Emergency Phone	+49 6131 - 1924 - 0
2. Composition / information on ingredients	
CAS-No.:	25322-69-4
EC No.:	500-039-8
Molecular formula:	-
3. Hazards identification	
SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT Not hazardous according to Directive 67/548/EEC.	
4. First aid measures	
AFTER INHALATION If breathed in, move person into fresh air. If not breathing give artificial respiration.	
AFTER SKIN CONTACT In case of contact, wash off with soap and plenty of water.	
AFTER EYE CONTACT In case of contact with eyes, flush eyes with water as a precaution.	
AFTER INGESTION If swallowed, never give anything by mouth to an unconscious person. Rinse mouth with water.	
5. Fire fighting measures	
CONDITIONS OF FLAMMABILITY no data available	
EXTINGUISHING MEDIA Suitable: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
SPECIAL RISKS no data available	
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS Wear self contained breathing apparatus for fire fighting if necessary.	
6. Accidental release measures	
PROCEDURE(S) OF PERSONAL PRECAUTION(S) Avoid breathing vapors, mist or gas. Do not let product enter drains.	

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METHODS FOR CLEANING UP Keep in suitable, closed containers for disposal.	
7. Handling and storage	
HANDLING Normal measures for preventive fire protection.	
STORAGE Keep container tightly closed in a dry and well-ventilated place. Store in cool place.	
8. Exposure controls / personal protection	
PERSONAL PROTECTIVE EQUIPMENT Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).	
HAND PROTECTION For prolonged or repeated contact use protective gloves.	
EYE PROTECTION Safety glasses	
HYGIENE MEASURES General industrial hygiene practice.	
9. Physical and chemical properties	
Appearance	
Form:	liquid
Safety data	
pH	no data available
Melting point	no data available
Boiling point	no data available
Flash point	112,8 °C - closed cup
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapour pressure	< 0,01 hPa at 20 °C
Density	1,00 g/mL at 20 °C
Water solubility	no data available
10. Stability and reactivity	
STABILITY Stable under recommended storage conditions. Materials to Avoid: Strong oxidizing agents.	
HAZARDOUS DECOMPOSITION PRODUCTS Hazardous decomposition products formed under fire conditions. - Carbon oxides.	
11. Toxicological information	
ACUTE TOXICITY LD50 Oral – rat - > 2.000 mg/kg	
IRRITATION AND CORROSION Eyes - rabbit - Mild eye irritation	
SENSITISATION no data available	

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CHRONIC EXPOSURE

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

POTENTIAL HEALTH EFFECTS

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin : May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

ADDITIONAL INFORMATION

RTECS NUMBER: TR5250000

12. Ecological information

ELIMINATION INFORMATION (persistence and degradability)

No data available

ECOTOXICITY EFFECTS

Toxicity to fish LC50 - *Oncorhynchus mykiss* (rainbow trout) - > 10.000 mg/l - 96 h

FURTHER INFORMATION ON ECOLOGY

no data available

13. Disposal considerations

PRODUCT

Observe all federal, state, and local environmental regulations.

CONTAMINATED PACKAGING

Dispose of as unused product.

14. Transport information

RID/ADR

Not dangerous goods.

IMDG

Not dangerous goods.

IATA

Not dangerous goods.

15. Regulatory information

Labelling according to EC Directives

Further information:

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

16. Other information

WARRANTY

The information in this document is based on the present 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. PSS GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.

DISCLAIMER

For R&D use only. Not for drug, household or other uses.