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

Product name : 100% PEG 200
Product number : MD2-100(250)-1
Company : Molecular Dimensions Limited
Unit 6 Goodwin Business Park
Willie Snaith Road
Newmarket
Suffolk
CB8 7SQ
Telephone : 01638 561051
Fax : 01638 660674
Email address : enquiries@moleculardimensions.com

2. COMPOSITION/INFORMATION ON INGREDIENTS.

Synonyms : Poly(ethylene glycol)
Formula : \((C_{2}H_{4}O)_{n}H_{2}O\)

<table>
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<tr>
<th>Reagent</th>
<th>CAS-No.</th>
<th>EC-No.</th>
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<tbody>
<tr>
<td>Poly(ethylene glycol) 200</td>
<td>25322-68-3</td>
<td>500-038-2</td>
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3. HAZARDS IDENTIFICATION

Risk advice to man and the environment
This substance is not classified as dangerous according to Directive 67/548/EEC.

4. FIRST AID MEASURES

If inhaled
If inhaled, move person into fresh air. If not breathing give artificial respiration

In case of skin contact
Wash off with soap and copious amounts of water.

In case of eye contact
Flush eyes with copious amounts of water for at least 15 minutes.

If swallowed
Rinse out mouth with water provided person is conscious.

5. FIRE-FIGHTING METHODS

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters
Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up
Use appropriate spill kit. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling
Normal measures for preventive fire protection.

Storage
Store in a cool place. Keep container tightly closed in a dry and well-ventilated place.
8. EXPOSURE CONTROL/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection

Respiratory protection is not required. Where protection is desired, use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Wear protective gloves.

Eye protection

Safety glasses.

Hygiene measures

General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form liquid

Safety data

pH 5.5 - 7.5
Melting point no data available
Boiling point no data available
Flash point 271°C - closed cup
Ignition temperature no data available
Lower explosion limit no data available
Upper explosion limit no data available
Density 1.123 g/mL at 20°C
Water solubility no data available

10. STABILITY AND REACTIVITY

Storage stability

Stable under recommended storage conditions.

Materials to avoid

Strong acids, strong bases, strong oxidizing agents.

Hazardous decomposition products

Formed under fire conditions: Carbon monoxide, Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Oral - rat - > 15,000 mg/kg

Irritation and corrosion

Skin - rabbit - Mild skin irritation - 24 h
Eyes - rabbit - Mild eye irritation - 24 h

Sensitisation

No data available.

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.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

No data available.

Ecotoxicity effects

No data available.

Further information on ecology

No data available.
13. DISPOSAL CONSIDERATIONS

Product
Observe all EU and local environmental regulations.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/RID
Not dangerous goods.

IMDG
Not dangerous goods.

IATA
Not dangerous goods.

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

Further information
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Molecular Dimensions Ltd., shall not be held liable for any damage resulting from handling or from contact with the above product.

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