

**SAFETY DATA SHEET**

Version 2.0 Revision date 20/11/2014

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

Product name : 50% w/v PEG 3350

Product number : MD2-100(250)-9

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**2. HAZARDS IDENTIFICATION****Risk advice to man and the environment**

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

**3. COMPOSITION/INFORMATION ON INGREDIENTS.**

**Synonyms** : Poly(ethylene glycol)

**Formula** :  $(C_2H_4O)_nH_2O$

Reagent	CAS-No.	EC-No.
Poly(ethylene glycol) 3350	25322-68-3	500-038-2

**4. FIRST AID MEASURES****If inhaled**

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

**In case of skin contact**

Wash off with soap and plenty of water.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

**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****Personal precautions**

Avoid dust formation.

**Environmental precautions**

Do not let product enter drains.

**Methods for cleaning up**

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

**7. HANDLING AND STORAGE****Handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Storage**

Store in a cool place. Keep container tightly closed in a dry and well-ventilated place.

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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

### Personal protective equipment

#### Respiratory protection

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.

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## 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	no data available
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Water solubility	no data available

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## 10. STABILITY AND REACTIVITY

### Storage stability

Stable under recommended storage conditions.

### Materials to avoid

Strong oxidizing agents.

### Hazardous decomposition products

nature of decomposition products not known.

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## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

no data available.

### Oxidation and corrosion

No data available.

### 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

<b>Inhalation</b>	May be harmful if inhaled. May cause respiratory tract irritation.
<b>Skin</b>	May be harmful if absorbed through skin. May cause skin irritation.
<b>Eyes</b>	May cause eye irritation.
<b>Ingestion</b>	May be harmful if swallowed.

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## 12. ECOLOGICAL INFORMATION

### Elimination information (persistence and degradability)

No data available.

### Ecotoxicity effects

No data available.

### Further information on ecology

No data available.

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## 13. DISPOSAL CONSIDERATIONS

### Product

Observe all EU and local environmental regulations.

### Contaminated packaging

Dispose of as unused product.

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**14. TRANSPORT INFORMATION**

**ADR/RID**

Not dangerous goods.

**IMDG**

Not dangerous goods.

**IATA**

Not dangerous goods.

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**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.

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**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.

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