

## Material Safety Data Sheet

### PFd-G4-mPEG2k-COOH

#### 1. Identification of the substance and the company

<b>Product name:</b>	PFd-G4-mPEG2k-COOH
<b>Synonyms:</b>	Linear Dendritic Hybrids Poly Ethylene Glycol, polyethylene oxide, Bis-MPA, Dimethylolpropionic Acid, succinic acid
<b>CAS number:</b>	N/A
<b>Application of the substance:</b>	Laboratory chemical, manufacture of substances
<b>Supplier:</b>	Polymer Factory Sweden AB Teknikringen 48 SE-114 28 Stockholm, Sweden www.polymerfactory.com
<b>Information in case of emergency:</b>	(Int.) +46 8 337043 (Emergency Response Center, Sweden)

#### 2. Hazards identification

<b>Classification of the substance:</b>	N/A
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#### 3. First aid measures

<b>General information:</b>	Consult a physician. Show label and safety data sheet if possible.
<b>Inhalation:</b>	Move person to fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>Skin contact:</b>	Wash off with soap and plenty of water.
<b>Eye contact:</b>	Rinse with large amounts of water for 15 minutes. Consult a physician.
<b>Ingestion:</b>	Rinse mouth with plenty of water. Consult a physician.

#### 4. Fire-fighting measures

**Suitable extinguishing agents:** N/A

**Special hazards arising from the substance:** N/A

#### 5. Accidental release measure

**Personal precaution:** Use personal protective equipment. Avoid dust formation.  
Ensure adequate ventilation. Avoid breathing in dust.

**Environmental precautions:** Do not allow to enter sewers.

**Methods for cleaning/collecting:** Pick up mechanically without creating dust. Keep in closed container for disposal.

#### 6. Handling and storage

**Precautions for safe handling:** Avoid contact with skin and eyes. Wear protective clothes and glasses.  
Avoid formation of dust

**Conditions for safe storage:** Store in cool, dry, well-ventilated place in tightly closed container.

#### 7. Exposure control/Personal protection

**Workplace control parameter:** N/A

**Personal protective equipment**

- **Respiratory protection:** The usual precautionary measures are to be adhered to when handling chemicals. Care should be taken to avoid dust- and aerosol production.
- **Skin protection:** Protection gloves. Protective lab coat.
- **Eye protection:** Safety goggles

## 8. Physical and chemical properties

### Information on general physical and chemical properties:

- **Form:** Viscous solid
- **Colour:** Colourless
- **Odour:** Faint
- **Melting point:** No data available
- **Boiling point:** No data available
- **Flash point:** No data available
- **Solubility in H<sub>2</sub>O:** No data available
- **Viscosity:** No data available

## 9. Stability and reactivity

- Stability:** The product is stable
- Conditions to avoid:** Strong oxidizing agents. Strong acids.
- Hazardous decomposition products:** Carbon monoxide, Carbon dioxide.
- Incompatible materials:** N/A

## 10. Toxicological information

- Acute health effects:** The chemical, physical, and toxicological properties have not been thoroughly investigated.
- Chronic health effects:** The health effect of the material has not been thoroughly investigated.

## 11. Ecological information

<b>Toxicity:</b>	No data available
<b>Mobility in soil:</b>	No data available
<b>Persistence/Degradability:</b>	No data available
<b>Bioaccumulation:</b>	No data available

## 12. Disposal considerations

<b>Recommended disposal:</b>	Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.
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## 13. Transport information

<b>UN Identification No. :</b>	N/A
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## 14. Other information

The information in this safety data sheet is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions.