

Material Safety Data Sheet

PFLDHB-G5-PEG20k-OH

1. Identification of the substance and the company

Product name:	PFLDHB-G5-PEG20k-OH
Synonyms:	Linear Dendritic Hyperbranched Poly Ethylene Glycol, polyethylene oxide, Bis-MPA, Dimethylolpropionic Acid
CAS number:	N/A
Application of the substance:	Laboratory chemical, manufacture of substances
Supplier:	Polymer Factory Sweden AB Teknikringen 48 SE-114 28 Stockholm, Sweden www.polymerfactory.com
Information in case of emergency:	(Int.) +46 8 337043 (Emergency Response Center, Sweden)

2. Hazards identification

Classification of the substance:	N/A
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3. First aid measures

General information:	Consult a physician. Show label and safety data sheet if possible.
Inhalation:	Move person to fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin contact:	Wash off with soap and plenty of water.
Eye contact:	Rinse with large amounts of water for 15 minutes. Consult a physician.
Ingestion:	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:** Powder
- **Colour:** White
- **Odour:** Faint
- **Melting point:** No data available
- **Boiling point:** No data available
- **Flash point:** No data available
- **Solubility in H₂O:** No data available
- **Viscosity:** No data available

9. Stability and reactivity

- Stability:** The product is stable
- Conditions to avoid:** Strong oxidizing agents.
- 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

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

12. Disposal considerations

Recommended disposal:	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

UN Identification No. :	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.