

Material Safety Data Sheet

PFD-G5-TMP-COOH

1. Identification of the substance and the company

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| Product name: | PFD-G5-TMP-COOH |
| Synonyms: | Dendrimer-G5-TMP-COOH |
| 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

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

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| 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:** Solid
- **Colour:** White
- **Odour:** No data available
- **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:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
- Chronic health effects:** To the best of our knowledge, 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.

13. Transport information

UN Identification No. : N/A

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.