

Material Safety Data Sheet

SpheriCal® Mix

1. Identification of the substance and the company

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| Product name: | SpheriCal® Mix |
| Synonyms: | Dendrimer MALDI-TOF Calibrants |
| CAS number: | N/A |
| Application of the substance: | Matrix-assisted laser desorption/ionization (MALDI) Time-of-Flight Mass Spectrometry Calibrants |
| 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: | Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. |
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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

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| Suitable extinguishing agents: | Water, alcohol-resistant foam, dry chemical or carbon dioxide |
| Special hazards arising from the substance: | Carbon oxides, Nitrogen oxides |
| Advice for firefighters: | Wear self-contained breathing apparatus for firefighting if necessary. |

5. Accidental release measure

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| 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: | Sweep up without creating dust. Keep in closed container for disposal. |

6. Handling and storage

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| 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

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| 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:** Yellow
- **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:** No data available
- Hazardous decomposition products:** No data available
- Incompatible materials:** Strong oxidizing agents, Strong bases

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. Polymer Factory shall not be held liable for any damage resulting from handling or contact with the product. Go to www.Polymerfactory.com for the terms and conditions of sale.