

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)
Version 2.1 Authorization Date 07.04.2015

PEG thiol acid

Section 1: Identification of Chemical Product and Company

| | |
|--------------------------------|--|
| Polypure product no. | 37156-0795 |
| Company | Polypure AS, Gaustadalléen 21, N-0349 Oslo, Norway |
| Contact | Tel: (+47) 21 08 07 40 Email: info@polypure.com |
| Emergency telephone number 24h | Tel: (+47) 22 59 13 00 Giftinformasjonssentralen |

Section 2: Hazard Identification

| | |
|----------------|--|
| Main Hazard | Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC. |
| Health Effects | Eyes: Unknown Skin: Unknown Inhalation: Unknown Ingestions: Unknown |

Section 3: Composition / Information on Ingredients

| | |
|-------------------|--|
| Molecular Formula | C ₁₉ H ₃₈ O ₁₀ S ₁ |
| Molecular Weight | 458.6 |
| CAS Number | 866889-02-3 |

Section 4: First Aid Measures

| | |
|------------|--|
| Eyes | Flush with copious amounts of water for 10 minutes, separating eyelids with fingers. Call a physician. |
| Skin | Flush with copious amounts of water for 15 minutes. |
| Ingestion | Wash out mouth with water. Call a physician. |
| Inhalation | Move into fresh air. If breathing becomes difficult call a physician. |

Section 5: Fire Fighting Measures

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|--|--|
| Extinguisher Medium | CO ₂ , foam, powder |
| Protective Equipment for Fire Fighting | Wear self contained breathing apparatus for fire fighting if necessary. Keep a safe distance from the fire when extinguishing. |

Section 6: Accidental Release

| | |
|---------------------------|--|
| Personal Precautions | Wear suitable protective clothing when handling material. Avoid breathing vapors, mist or gas. |
| Environmental Precautions | Do not allow product to enter drains. |

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Section 7: Handling and Storage

| | |
|-----------------|--|
| Handling | Wear latex laboratory gloves and a lab coat. |
| Storage | 2-8°C. After opening, carefully reseal the container and keep it upright to prevent leakage. |

Section 8: Exposure Controls/Personal Protection

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|-----------------------------------|---|
| Respiratory Protection | Required when vapours/aerosols are generated. |
| Hand Protection | Latex gloves |
| Eye Protection | Safety goggles should be worn. |
| Other Protective Equipment | Wear a lab coat. |
| Hygiene Measures | General industrial hygiene practice. |

Section 9: Physical and Chemical properties

| | |
|-------------------------|--------------------|
| Form | Liquid |
| Color | Colorless |
| pH | data not available |
| Melting Point | data not available |
| Boiling Point | data not available |
| Flash Point | data not available |
| Ignition Point | data not available |
| Water Solubility | data not available |

Section 10: Stability and Reactivity

| | |
|---|---|
| Storage Stability | Stable under recommended storage conditions |
| Materials to Avoid | Strong oxidizing agents |
| Hazardous Decomposition Products | See section 5 in case of fire. |

Section 11: Toxicological Information

| | |
|---------------------------------|-------------------|
| Acute Toxicity | no data available |
| Irritation and Corrosion | no data available |
| Sensitisation | no data available |

Section 12: Ecological Information

| | |
|---------------------------------------|-------------------|
| Persistence/Degradability | no data available |
| Ecotoxicity Effects | no data available |
| Further Information on Ecology | no data available |

Section 13: Disposal Considerations

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|--------------------|---|
| Destruction | Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. |
| Note | Observe all federal, state, and local environment regulations. |

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Section 14: Transportation Information

| | |
|-----------|--------------------------------|
| RID/ADR | Non-hazardous for road freight |
| IMDG | Non-hazardous for sea freight |
| ICAO/IATA | Non-hazardous for air freight |

Section 15: Regulatory Information

| | |
|----------------------|--|
| Labelling | According to EC Directives |
| Additional Labelling | Caution! Substance not yet fully tested. |

Section 16: Other Information

It is recommended that persons using this substance or material are fully acquainted with the hazards/safety in use procedures before handling.

Changes in version 2.1:

Section 1: Identification of Chemical Product and Company

Changed company telephone number.

Deleted fax number.

Added emergency contact number.

Section 2: Hazard Identification

Added new information under Main Hazard

Section 3: Composition / Information on Ingredients

Added CAS number

Section 16: Other Information

Added version changes