

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)
Version 2.1 Authorization Date 15.04.2015

PEG NHS ester disulfide

Section 1: Identification of Chemical Product and Company

Polypure product no.	38157-0795
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.	
Health Effects	Eyes:	Unknown
	Skin:	Unknown
	Inhalation:	Unknown
	Ingestions:	Unknown

Section 3: Composition / Information on Ingredients

Molecular Formula	$C_{46} H_{80} N_2 O_{24} S_2$
Molecular Weight	1 109.3
CAS Number	947601-98-1

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

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

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

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Section 13: Disposal Considerations

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.

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 16: Other Information

Added version changes