

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

Creation date: 01.06.2010

Version 3.2 Revision date 11.01.2023



## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product name	<b>Octaethylene Glycol</b>
Product number	10110-0895
Brand	Polypure AS
CAS No.	5117-19-1

### 1.2 Relevant identified uses of the substance and uses advised against

Identified uses	Laboratory chemicals, manufacturing of substances. Not for human use.
-----------------	---

### 1.3 Details of the supplier of the safety data sheet

Company	Polypure AS
Address	Gaustadalléen 21 N-0349 Oslo Norway
Telephone	(+47) 21 08 07 40
E-mail	<a href="mailto:info@polypure.com">info@polypure.com</a>

### 1.4 Emergency telephone number

Poison Information Center (24h)	(+47) 22 59 13 00
CHEMTREC (24h/7days)	(+47) 21 93 06 78
Fire and large accidents	1 10
Ambulance and medical emergency	1 13

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272 /2008

The product does not need to be labelled in accordance with EC directives or respective national laws.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substance

Synonyms	3,6,9,12,15,18,21-Heptaoxatricosane-21,23-diol; PEG-8
Molecular Formula	C <sub>16</sub> H <sub>34</sub> O <sub>9</sub>

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

Creation date: 01.06.2010

Version 3.2 Revision date 11.01.2023



Molecular Weight	370.44 g/mol
CAS No.	5117-19-1
EC No.	225-856-4

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

#### a) General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### b) If inhaled

Move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

#### c) In case of skin contact

Wash with soap and plenty of water. Consult a physician.

#### d) In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### e) If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (section 2.2) and/or in section 11.

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Special hazards arising from the substance or mixture

Carbon oxides.

### 5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

For personal protection see section 8.

### 6.2 Environmental precautions

Do not let product enter drains.

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

Creation date: 01.06.2010

Version 3.2 Revision date 11.01.2023



## 6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.

## 6.4 Reference to other sections

For disposal see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

For precautions see section 2.2. Normal measures for preventive fire protection.

### 7.2 Condition for safe storage, including any incompatibilities

Store in a tightly closed container in a dry, well-ventilated and cool place (recommended storage temperature: 2 - 8 °C).

Storage class (TRGS 510): 10: Combustible liquids

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

No data available.

### 8.2 Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment:

##### a) Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dust are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards, such as NIOSH (US) or CEN (EU).

##### b) Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and food laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

##### c) Eye protection

Use safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

Creation date: 01.06.2010

Version 3.2 Revision date 11.01.2023



## d) Skin protection

Use impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Form: solid (4°C) Colour: white
Odour / Odour threshold	data not available
pH	data not available
Boiling point/ boiling range	data not available
Flash point	data not available
Flammability (solid, gas)	data not available
Explosive properties	data not available
Oxidising properties	data not available
Vapour pressure	data not available
Relative density	data not available
Solubility	data not available
Water solubility	data not available
Partition coefficient: n-octanol/water	data not available
Viscosity	Viscosity, kinematic: No data available Viscosity, dynamic: No data available
Vapour density	data not available
Evaporation rate	data not available

### 9.2 Other information

No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

This compound is stable under the recommended storage conditions (section 7.2).

### 10.3 Possibility of hazardous reactions

No data available. In the case of fire, see section 5.

### 10.4 Conditions to avoid

No data available.

### 10.5 Incompatible materials

Strong oxidising agents.

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

Creation date: 01.06.2010

Version 3.2 Revision date 11.01.2023



## 10.6 Hazardous decomposition products

No data available. In the case of fire, see section 5.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

a) Acute toxicity		no data available
b) Skin corrosion/irritation		no data available
c) Serious eye damage/eye irritation		no data available
d) Respiratory or skin sensitization		no data available
e) Germ cell mutagenicity		no data available
f) Carcinogenicity	IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
g) Reproductive toxicity		no data available
h) Specific target organ toxicity - single exposure		no data available
i) Specific target organ toxicity - repeated exposure		no data available
j) Aspiration hazard		no data available

Potential health effects	Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
	Ingestion	May be harmful if swallowed.
	Skin	May be harmful if absorbed through skin. May cause skin irritation.
	Eyes	May cause eye irritation.

### Additional information

RTECS: Not available

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

No data available.

### 12.2 Persistence and degradability

No data available.

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

Creation date: 01.06.2010

Version 3.2 Revision date 11.01.2023



## 12.3 Bioaccumulative potential

No data available.

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 12.6 Other adverse effects

No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### a) Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

#### b) Contaminated packaging

Dispose of as unused product.

#### c) Note

Observe all federal, state, and local environment regulations.

## SECTION 14: TRANSPORTATION INFORMATION

### 14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

### 14.2 UN proper shipping name

RID/ADR Not restricted chemical for road freight

IMDG Not restricted chemical for sea freight

ICAO/IATA Not restricted chemical for air freight

### 14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

### 14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

### 14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

Creation date: 01.06.2010

Version 3.2 Revision date 11.01.2023



## 14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

## SECTION 15: REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

## SECTION 16: OTHER INFORMATION

### Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

Polypure AS and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

### Version changes

Version 3.0 is a complete revision of content and lay-out of the previous version 2.1. The latest relevant information on this chemical entity has been retrieved from The European Chemical Agency homepage and/or other relevant sources.

The lay-out is in accordance with Annex II, Guide to the compilation of safety data sheets, as presented in the Official Journal of the European Union, 29 May 2007.

Version 3.2 is modified in the following sections:

S2.3: Added text

S 3.1: Added EC number.

S6.3: Added and modified text

S6.4: Added text

S7.2: Modified text

S9.1: Modified text

S14.6: Modified text

S15.2: Modified text