SAFETY DATA SHEET

Polypol E-8000

Revision date: 15-jun-20 **Version:** 2.0 **Code:** GHS-0010

Section 1. Identification

Identification

Product name: Polypol E-8000

Chemical name: Polyethylene glycol

Others means of identification: PEG-8000

Recommended use of the chemical and restrictions on use

Chemical

Suitable for use in industrial sector: chemical industry

Details of the supplier of the safety data sheet

POLIOLES S.A. de C.V.

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Carretera México - Toluca Km 52.5 Lote A
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Teléfono: +52 (722) 265 8600

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Colonia Condesa, México, D.F.
Teléfono: +52 (559) 140 0500

Emergency telephone number

Call SETIQ: +1 800 0021400. Available 24 hours, every day.

Section 2. Hazard Identification

Classification of the substance or mixture

No need for classification according to GHS criteria for this product.

GHS Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

Section 3. Composition/Information on ingredients

This product does not contain any components classified as hazardous under the referenced regulation.

Section 4. First-Aid Measures

Description of first aid measures

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and keep the person calm. Seek medical attention.

In case of skin contact and eye contact:

If on skin: Wash thoroughly affected areas with soap and water for at least 15 minutes. If irritation develops, seek medical attention. If in eyes: Immediately wash affected eyes for at least 15 minutes under running water, with eyelids held open. Consult an eye specialist.

If swallowed:

Immediately rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

Most important symptoms and effects, both acute and delayed:

The most important known symptoms and effects described in the labeling (see section 2 and/or in section 11 on this Safety Data Sheet).

Indication of any immediate medical attention and special treatment needed:

Note to physician treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5. Fire-Fighting Measures

Extinguishing media:

Suitable extinguishing media: water spray, dry powder, foam or carbon dioxide

Special hazards arising from substance or mixture:

On burning produce CO, CO2.

Polypol E-8000

Revision date: 15-jun-20 **Version:** 2.0 **Code:** GHS-0010

Advice for firefighters:

Protective equipment for fire-fighting: Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

Evacuate the area. Fight fire from maximum distance. If exposed to fire, keep containers cool by spraying with water.

Contaminated extinguishing water must be disposed of in accordance with official regulations.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective clothing. For personal protection see section 8. Ventilate the area and prevent the material from entering sewers, streams or aquifers. Handle in accordance with good industrial hygiene and safety practice.

Environmental precautions:

Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up:

For small amounts: pick up with absorbed material (e.g. sand, sawdust, general purpose binder). Dispose of absorbed material in accordance with regulations. For large amounts: pump off product. Place absorbed material in the same container as the spilled substance/product for disposal.

Section 7. Handling and Storage

Precautions for safe handling:

Prevent the release of dust and vapors in the air within the workplace. Always ensure adequate ventilation in areas of management. Keep emergency equipment available. Label containers. Keep closed when not occupied. Empty containers may contain residues.

Conditions for safe storage, including incompatibilities:

We recommend storing in an indoor, dry, well ventilated, at room temperature, away from direct sunlight and heat sources.The tank should be equipped with provisions for padding with a dry inert gas under slight pressure to further ensure product quality.

Section 8. Exposure Controls/Personal Protection

Control parameters:

No applicable information.

Appropriate engineering controls:

Provide local exhaust ventilation to control dust formation. Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Take off immediately all contaminated clothing. Wash soiled clothing immediately.

Individual protection measures:

Personal protective equipment. Respiratory protection: Wear respiratory protection if ventilation is inadequate. Breathing protection if breathable vapours are formed. Hand protection: chemical resistant protective gloves. Consult with glove manufacturer for testing data. Eye protection: safety glasses with side-shields. Body protection: body protection must be chosen based on level of activity and exposure, e.g. head protection, protective boots, chemical-protection suit.

Section 9. Physical and Chemical Properties

Appearance:	Solid							
Form:	Flake							
Colour:	White							
Odour:	Characteristic							
Odour threshold:	No data available							
pH:		**Minimum**	4.5	**Maximum**	7.5	5% aqueous		
Melting point:	60	°C						
Boiling point:	300	°C						
Flash point:	268	°C	COC					
Density:	1.095	g/cm2	60	°C				
Bulk density:	No data available							
Viscosity:		**Minimum**	470	**Maximum**	900	cSt	210	°F
Vapour pressure:	No data available							
Vapour density:	No data available							
Molar mass:	~ 8000	g/mol						
Partition coefficient n-octanol/water:	No data available							

Polypol E-8000

Revision date: 15-jun-20 **Version:** 2.0 **Code:** GHS-0010

Evaporation rate: No data available
Flammability (solid, gas): No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available

Section 10. Stability and Reactivity

Reactivity: Corrosion to metals: no corrosive effect on metal.
Chemical stability: The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions: The product is chemically stable.
Conditions to avoid: None know.
Incompatible materials: No substances known that should be avoided. Avoid moisture to protect product quality.
Hazardous decomposition products: No hazardous decomposition products known.

Section 11. Toxicological Information

Acute toxicity: No applicable information available.
Oral: No applicable information available.
Type of value: -
Value: -
Inhalation: No applicable information available.
Type of value: -
Value: -
Remarks: None.
Dermal: No applicable information available.
Type of value: -
Value: -
Skin corrosion/irritation: No applicable information available.
Serious eye damage/irritation: No applicable information available.
Respiratory or skin sensitization: No applicable information available.
Germ cell mutagenicity: No applicable information available.
Carcinogenicity: No applicable information available.
Teratogenicity: No applicable information available.
Reproductive toxicity: No applicable information available.
Specific target organ toxicity-single exposure: No applicable information available.
Specific target organ toxicity-repeated exposure: No applicable information available.
Aspiration hazard: No applicable information available.

Section 12. Ecological Information

Toxicity: No applicable information available.
Acuatic toxicity: No applicable information available.
Persistence and degradability: No applicable information available.
Bioaccumulative potential: No applicable information available.
Mobility in soil: No applicable information available.
Other adverse effects: No applicable information available.

Section 13. Disposal Considerations

Waste disposal of substance: Dispose of in accordance with national, state and local regulations. Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Polypol E-8000

Revision date: 15-jun-20 **Version:** 2.0 **Code:** GHS-0010

Section 14. Transport Information

ADR/RID (Land)

Not classified as a dangerous good under transport regulations

IMDG (Sea)

Not classified as a dangerous good under transport regulations

IATA (Air)

Not classified as a dangerous good under transport regulations

Section 15. Regulatory Information

Safety, health and environmental regulations specific for the product:

Not applicable

Other regulatory information (Montreal Protocol, Stockholm Convention and Rotterdam Convention):

Registration status: Chemical TSCA, US released / listed CERCLA RQ: 100 lbs CAS Number:123-91-1 Chemical name: 1,4-dioxane CERCLA RQ: 10 lbs CAS Number: 75-21-8 Chemical name: Ethylene Oxide Massachusetts: Right To Know Components: CAS Number: No components are subject to the Massachusetts Right to Know Act. New Jersey: Right To Know Components: CAS Number: 25322-68-3 Chemical name: Polyethylene glycol Pennsylvania: Right To Know Components: CAS Number: 25322-68-3 Chemical name: Polyethylene glycol State regulations: CA Prop. 65: WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY.

Other federal regulation:

This safety data sheet was updated according to the requirements of the Globally Harmonized System, in attention to compliance with a mexican regulation (NMX-R-019-SCFI-2011). It notes that this policy is currently, not mandatory for manufacturers and distributors of chemicals in Mexico.

NFPA Hazard codes:		HMIS III rating	
Health:	1	**Health:**	1
Fire:	1	**Fire:**	1
Reactivity:	0	**Reactivity:**	0
Special:	Not applicable	**PPE:**	Not applicable

Section 16. Other Information

a) Revision date: 15-jun-20

b) Explanation of abbreviations and acronyms:

TWA (Time weighted average): is the average exposure to any hazardous gas in the workplace based on an eight-hour workday or 40-hour work week. It is the maximum amount one may be exposed to without experiencing significant adverse health effects over said period. Once the TWA has been exceeded, the worker may not re-enter the space for the remainder of the day. STEL (Short-term exposure limit): is an allowable average exposure over a short period of time, typically 15 minutes, and should not be exceeded more than four times in a day as long as the time weighted average is not exceeded. If the predetermined limit has been exceeded, the worker must remove him- or herself from the hazard for at least one hour. PEL (Permissible exposure limit): is a regulatory limit on the amount or concentration of a substance in the air. This is usually based on an eight-hour time weighted average (TWA), although some are based on short-term exposure limits (STEL). WEEL (Workplace environmental exposure limit): may be expressed as TWA. Different time periods are specified depending on the properties of the agent. An eight-hour TWA indicates a time weighted average concentration for a normal eight-hour workday and a 40-hour work week. It could also be expressed as a ceiling limit and that should not be exceeded at any time during the workday. IDLH (Immediately dangerous to life or health): is “an exposure to airborne contaminants that is likely to cause death or immediate or delayed permanent adverse health effects or prevent escape from such an environment” as defined by NIOSH. REL (Recommended Exposure Limit) MAK (Maximum Allowable Concentrations).
BAT (Biological Tolerance Values)

c) References:

TLVs® and BEIS® Based on the Documentation of the Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices. ACGIH. 2012. OSHA Z-1NIH. U.S National Library of Medicine (Web page)

Detail of corrections and/or clarifications of HDS, if is necessary:

This safety data sheet was updated according to the requirements of the Globally Harmonized System. The product has not been tested. Some information on safety principally (physical hazard, health hazard and environmental hazard statements), toxicology information, and ecotoxicology information, have been taken/derived from products of a similar structure and/or composition in attention to compliance with Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Polypol E-8000

Revision date: 15-jun-20 **Version:** 2.0 **Code:** GHS-0010

NOTICE

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END OF DATA SHEET.