CARPENTER
We bring comfort to your life. ®

SAFETY DATA SHEET

SECTION 1 - Identification

1.1 Product Identifier

Product Name • CARPOL® GP-240 Polyol

Synonyms • Polyether Polyol; Glycerol, Propoxylated

1.2 Recommended Use of the Chemical and Restrictions on Use

Recommended Use • Component of Polyurethane

Restrictions on Use • Industrial use only

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer • Carpenter Co.
5016 Monument Ave.
Richmond, Virginia 23230
(804) 233-0606

1.4 Emergency Telephone

Chemtrec • (800) 424-9300 (24-hr number)

SECTION 2 - Hazards Identification

2.1 Classification of the Substance or Mixture

This material is not classified as hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

2.2 GHS Label Elements

This material is not classified as hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

2.3 Hazards Not Otherwise Classified

None identified

SECTION 3 - Composition/Information on Ingredients

3.1 Substance

Name	Identifier	% (weight)
Polyether Polyol	CAS# 25791-96-2	100

3.2 Mixtures

Material does not meet the criteria of a mixture according to United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

SECTION 4 - First Aid Measures

4.1 Description of First Aid Measures

By route of inhalation	• Remove victim to fresh air.
By route of dermal contact	• Wash thoroughly with soap and water.
By route of eye contact	• Flush with plenty of water.
By route of ingestion	• If victim is conscious, give 1 to 2 glasses of water. Do not induce vomiting unless directed to do so by medical personnel.

4.2 Most Important Symptoms and Effects, Acute and Chronic

Refer to Section 11 Toxicological Information.

4.3 Indication of Immediate Medical Attention and Special Treatment If Needed

Treat symptomatically and supportively.

SECTION 5 - Firefighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media	• Dry chemical, foam, carbon dioxide, water fog or fine spray.
Unsuitable Extinguishing Media	• Do not use direct water spray. May spread fire.

5.2 Special Hazards Arising From the Substance or Mixture

• May produce oxides of carbon on combustion. Smoke may be toxic and/or irritating.

5.3 Special Protective Actions for Firefighters

• Responding personnel must wear positive-pressure, self-contained breathing apparatus (SCBA) and protective firefighting clothing. Spray cool water on fire exposed containers to reduce risk of rupture.

SECTION 6 - Accidental Release Measures

6.1. Personal Precautions, Protective Equipment, and Emergency Procedures

• Isolate the area. Keep unauthorized people away. Do not touch or walk through the spilled material. Spilled material may be slippery. Ensure adequate ventilation in enclosed area. Eliminate all ignition sources. Use protective equipment appropriate for the size of the spill.

6.1. Environmental Precautions

• Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

6.3 Methods and Materials for Containment and Clean Up

Methods	• Stop leak, dam spill, and transfer liquid into a suitable container. • Collect residue with absorbent and transfer into a suitable container for proper disposal.
Materials	• Inert absorbent (sand, earth or similar).

6.4 Reference to Other Sections

• Refer to Section 8 for exposure control and personal protective equipment information.
• Refer to Section 12 for ecological information.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

• Keep containers tightly closed when not in use.
• Do not eat, drink, or smoke in working area.
• Avoid contact with eyes and minimize contact with skin.
• Use good safety and industrial hygiene practices.
• Wash thoroughly after handling.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Storage	• Store materials in a cool, dry place. Do not transport with oxidizers.
Incompatibilities	•Oxidizing materials, strong alkalis and acids, Isocyanates.

SECTION 8: Exposure Controls/ Personal Protection

8.1 Control Parameters

Exposure Limits/Guidelines	• None established.

8.2 Exposure Controls

Engineering Controls	• Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limits.
Eye/Face Protection	• Safety glasses with side shields. Chemical goggles if there is a significant risk of splashing.
Respiratory Protection	• None required under normal use. If product is heated or sprayed, appropriate respiratory protection may be needed.
Skin Protection	• Wear suitable working clothes and shoes.

	• Depending on the potential for exposure, chemical resistant gloves may not be needed (e.g.incidental use). As with any chemical, skin contact should be minimized with good work practices and PPE where needed. Wear chemical resistant gloves appropriate for the intended use. Consult glove manufacturers for assistance in choosing appropriate gloves.
Ingestion	• Do not eat, drink or smoke in work area. Wash hands before eating or smoking.
Additional Protection Measures	• None

SECTION 9: Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	• Liquid	Odor	• Low odor
Color	• Clear	Odor Threshold	• No data available
General Properties			
Boiling Point	• No data available	Melting Point	• No data available
Decomposition Temperature	• No data available	pH	• 7.0 (ave)
Density (at 25°C)	• No data available	Water Solubility	• Low
Solvent Solubility	• No data available	Viscosity (at 25°C)	• No data available
Explosive Properties	• No data available	Specific Gravity/Relative Density	• 1.02 (H_2O=1)
Volatility			
Vapor Pressure	• No data available	Vapor Density	• No data available
Evaporation Rate	• No data available	VOC (Vol.)	• No data available
Volatiles (Vol.)	• No data available		
Flammability			
Flash Point	• >200°F (PMCC)	LEL	• No data available
UEL	• No data available	Flammability (solid, gas)	• No data available
Auto-ignition Temperature	• No data available		
Environmental			
Octanol/Water Partition Coefficient	• No data available		

9.2. Other Information

No additional information available

SECTION 10: Stability and Reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical Stability

Stable under normal temperatures and pressures.

10.3 Possibility of Hazardous Reactions

No hazardous reactions if handled and stored as recommended.

10.4 Conditions to Avoid

Elevated temperatures

10.5 Incompatible Materials

Oxidizing materials, strong alkalis and acids, isocyanates.

10.6 Hazardous Decomposition Products

No data available.

SECTION 11: Toxicological Information

11.1 Information on Toxicological Effects

Acute Toxicity

Chemical	CAS #	LD_{50} oral rat	LD_{50} dermal rabbit	LC_{50} inhalation rat
Polyether Polyol	25791-96-2	>2000 mg/kg	>2000 mg/kg	Not available

Skin Corrosion/Irritation

• Based on available information, skin corrosion/irritation is not expected under normal conditions of use.

Serious Eye Damage/Irritation

• Based on available information, eye damage/irritation criteria are not met.

Respiratory or Skin Sensitization

• Based on available information, sensitization criteria are not met.

Germ Cell Mutagenicity

• Available studies have not indicated this material to be a mutagen.

Carcinogenicity

• This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, OSHA or NTP.

Reproductive Toxicity

• No data available

Specific Target Organ Toxicity (single exposure)

• No data available

Specific Target Organ Toxicity (repeated exposure)

• No data available

Aspiration Hazard

• No data available

11.2 Potential Health Effects

Inhalation

Acute	• Not expected to be a hazard due to low vapor pressure.
Chronic	• None known.

Skin

Acute	• None known.
Chronic	• None known.

Eye

Acute	• May cause mild irritation.
Chronic	• None known.

Ingestion

Acute	• Small amounts swallowed may cause gastrointestinal discomfort.
Chronic	• None known.

SECTION 12: Ecological Information

12.1 Ecotoxicity

This product is not expected to cause significant effects in the aquatic environment.

12.2 Persistence and Degradability

No data available

12.3 Bioaccumulative Potential

No data available

12.4 Mobility in Soil

No data available

12.5 Other Adverse Effects

No data available

SECTION 13: Disposal Considerations

13.1 Waste Disposal Method

Product Waste

• Do not dump into any sewers, on the ground, or into any body of water.

• All disposal methods must be in compliance with Federal, State/Provincial, and local regulations.

Packaging Waste

• Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport Information

U.S. DOT

Not regulated as hazardous for shipment.

SECTION 15: Regulatory Information

15.1 Regulatory Status

CERCLA Hazardous Substances (40 CFR 302): None reportable.

SARA 311/312: None reportable.

SARA 313: None reportable.

15.2 US State Regulations

STATE RIGHT-TO-KNOW: To the best of our knowledge, this product contains no chemical known to the State of California to cause cancer, birth defects, or other reproductive harm. (California Health and Safety Code Section 25249.6).

15.3 Canadian Regulations

DSL: All components of this product are listed on, or exempt from the DSL.

WHMIS Information: Not a "Controlled Product" under WHMIS.

15.4 International Inventories*

United States: All components of this product are listed on the TSCA inventory.
Australia: All components of this product are listed on the AICS.
China: All components of this product are listed on the IECSC.
Japan: All components of this product listed on the ENCS.
Korea: All components of this product are listed on the ECL.
Philippines (PICCS): All components of this product are listed on the PICCS.
REACH: Listed as a registered substance.

*=Although a chemical may be listed on a country's inventory, it may not indicate a hazard or regulatory control for use.

SECTION 16: Other Information

16.1 HMIS AND NFPA RATINGS

HMIS Classification
Health: 0
Flammability: 1
Reactivity: 0

NFPA Ratings
Health: 0
Flammability: 1
Instability: 0
Special: None

16.2 EU CLP Relevant Phrase

Not classified

16.3 Preparation By

I.H. Department

16.4 Preparation Date

June 9, 2010

16.5 Last Revision Date

February 17, 2015

16.6 Disclaimer/Statement of Liability

The data in this Safety Data Sheet is offered for your consideration, investigation and verification. The data is presented in good faith and was obtained from sources Carpenter believes to be reliable. Carpenter, however, makes no representation as to the completeness or accuracy. Carpenter makes no warranty, express or implied, with respect to the data contained herein. Carpenter cannot anticipate all conditions under which this data and the product may be used. The conditions of handling, storage, use, and disposal of the product are beyond Carpenter's control. Thus, we expressly disclaim responsibility or liability for any loss, damage or expense arising out of reliance on the information contained herein. You are advised to make your own determination as to safety, suitability and appropriate manner of handling, storage, use and disposal.