



CARPENTER

CARPOL[®] NIONIC[™] P4000 Polyglycol

CARPOL[®] NIONIC[™] P4000 Polyglycol is a linear polymer produced by the polymerization of propylene oxide with propylene glycol. The P4000 nomenclature indicates a propylene oxide based product with a molecular weight of 4000. It is a clear, viscous liquid at room temperature with a low vapor pressure. It exhibits excellent lubricity and can be used in synthetic lubricant applications. It is suitable as an antifoam agent in latex formulations, pulp and paper processing, emulsion paints, and various food processes.

Typical Physical Properties

Actives (wt%)	100
Flash Point	> 200F
Contains EO	No
Pour Point (°C)	x
Appearance	Clear Liquid
Viscosity at 25 °C (cP)	935
Density at 25 °C (g/ml)	1.00

The values above are not specifications

Benefits

- **Lubricity**
- **Foam Control**
- **Organic Solvency**
- **Chemical Stability**
- **Low Ash**
- **Non-Varnishing**

Applications

- **Synthetic Lubricants**
- **Paints and Coatings**
- **Pulp and Paper Processing**
- **Food Processing**
- **Mold Release Agents**
- **Chemical Intermediates**

CARPOL[®] NIONIC[™]



Storage Information

CARPOL® NIONIC™ P4000 Polyglycol will absorb water if the product container is not secured properly. This may affect reactivity, appearance, and performance. Therefore, it is advised that all receptacles containing this material be tightly fastened and stored in a dry place.

Consult the Safety Data Sheet for additional information.

Health and Safety Information

Health and safety information is available in the form of a Safety Data Sheet. This literature, describing proper precautions and personal protective gear, is available for review. To receive this information please contact a Carpenter Co. representative.

Ordering and Shipping Options

Sample Sizes

1 quart

1 gallon

5 gallon

Products Packaged/Shipped

Drum 460 lb net wt.

Totobin 2,300 lb net wt.

Tankwagon 40,000-45,000 lb net wt.

Railcar 185,000-189,000 lb net wt.

For additional information please contact:

Carpenter Co.

Chemicals Division

Customer Service 800-260-5373

5016 Monument Avenue

Richmond VA 23230

www.carpenter.com



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Important: The information contained in this product data sheet is offered for your consideration, investigation, and verification. The data is presented in good faith and is believed 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. For further information please consult the appropriate Carpenter Safety Data Sheet.

Warning: These products can be used to prepare a variety of polyurethane products. Polyurethanes are organic materials and must be considered combustible.

