



# Technical Data: Polyethylene Glycol (PEG) 8000

## Product Description

PEG 8000

Property	Units	Specifications	Typical	Test Method
Range of Avg. Molecular Weight			7000-9000	
Range of Avg. Hydroxyl #, mg KOH/g			12-16	
Density, g/cm <sup>3</sup> @70°C			1.0852	
Melting or Freezing Range, °C			55-62	
Solubility in Water @ 20°C	WT%		63	
Viscosity @100°C	cSt		821.7	
Avg # of Repeating Oxyethylene Units			181.4	
Avg. Liquid Specific Heat	cal/g/°C		0.51	
Heat of Fusion	cal/g		41	
pH @ 25°C, 5% Aqueous Solution			4.5-7.5	
Flash Point, Closed Cup	°C		222	
Flash Point, Open Cup	°C		271	
Physical Form			Granular, Powder, Flake, Molten	



# Technical Data: Polyethylene Glycol (PEG) 8000

Item Number	Date Created	Date Updated
	6/3/2015	6/3/2015



CAROLINA INTERNATIONAL SALES CO., INC.  
266 Rue Cezzan  
Lavonia, GA 30553  
770-904-7042  
[www.ciscochem.com](http://www.ciscochem.com)

## Limitations of Warranty & Liability

Seller warrants its product will meet the specifications listed herein and it has good title to the product, free and clear of all liens and security interests; SELLER MAKES NO OTHER WARRANTY, WHETHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer or user accepts liability for determining if the product is suitable for Buyer's or user's intended use. Any recommendation as to use made by Seller is done so at Buyer's or user's risk.

Buyer shall assume all risk and liability for and shall defend, indemnify, and hold Seller harmless from and against all claims, liabilities, costs, and expenses arising from or connected with the possession, transportation, handling, unloading, storage, processing or use of the product alone or in combination with other substances. Buyer's exclusive remedy and Seller's exclusive liability for damages under contract, tort, strict liability, negligence, or otherwise, shall be limited at Seller's option to the refund of the purchase price or the replacement of the product. In no event shall Seller be liable for incidental, indirect, special, or consequential damages.

Buyer acknowledges receipt of a Material Safety Data Sheet for the product and that the product may require special handling, storage, transportation, treatment or use to comply with applicable safety and environmental standards and will take all necessary action to comply therewith. Buyer further agrees to properly label the product if it is repackaged or resold and pass on all safety information and hazard warnings to its employees, purchasers, and users and their employees.