



Technical Data: Diethanolamine

Product Description

A clear, colorless, hygroscopic liquid with a mild ammoniacal odor at temperatures higher than room temperature. At room temperature, the product is a white, crystalline solid.

Property	Units	Specifications	Typical	Test Method
Appearance, 30°C		Free and Clear		ST-30.1
Color, Pt-Co		15max		ST-30.12
Composition, wt %				ST-35.99
Diethanolamine		99 min		
Monoethanolamine		0.5max		
Triethanolamine		0.5max		
Equivalent weight		104-106		ST-5.5
Water, wt%		0.15max		ST-31.53, 6
Boiling point, 760mm Hg, °C			269 (decomposes)	
Flash point, PMCC, °F			349	
Melting Point, °C			28	
pH			11.5	
Specific Gravity, 30/20°C			1.0919	
Vapor Pressure, 20°C, mm Hg			<0.01	
Viscosity, cSt, 30°C			321	
Weight, 30°C,	lb/gal		9.1	

Item Number	Date Created	Date Updated
	5/20/2015	5/20/2015



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Limitations of Warranty & Liability

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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.