

## Technical Data: Triethanolamine

## **Product Description**

A clear, viscous, hygroscopic liquid at room temperature.

Property	Units	Specifications	Typical	<b>Test Method</b>
Appearance, 30°C		Free and Clear		ST-30.1
Color, Pt-Co		40max		ST-30.12
Composition, wt %				ST-35.99
Diethanolamine		99.0 min		
Monoethanolamine		0.19max		
Triethanolamine		0.1max		
Equivalent weight		148-150		ST-5.5
Water, wt%		0.2max		ST-31.53, 6
Boiling point, 760mm Hg, °C			360	
Flash point, PMCC, °F			395	
Melting Point, °C			21	
рН			11	
Specific Gravity, 20/20°C		1.1240-1.1270		ST-30.31
Vapor Pressure, 20°C, mm Hg			<0.01	
Viscosity, cSt, 25°C			527	
Weight, 20°C,	lb/gal		9.38	
Iron	ppm		10max	ST-37.1



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**Item Number** 

**Date Created** 5/20/2015

**Date Updated** 5/20/2015



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## **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 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.