

Ethanolamine Product Specification

# Diethanolamine 99 Low Freeze

Product Code: Bulk – 5031

CAS #: 111-42-2

**Description**

Diethanolamine is a clear, hygroscopic liquid with a mild ammoniacal odor at above room temperature. At room temperature it is a white crystalline solid. Diethanolamine is used in cosmetics, surface-active agents, petroleum demulsifiers, plasticizing agents, rubber chemicals and pharmaceuticals. It also acts as a gas-scrubber in refinery and natural gas operations.

**Specifications**

Diethanolamine, wt. % min.	83.5
Monoethanolamine, wt. % max.	0.9
Triethanolamine, wt. % max.	0.9
Color (APHA) max.	25
Water, wt. % max.	14.0 – 16.0

**Typical Properties**

Freezing point, °C (°F)	-2.2 (28)
Specific gravity at 20/20°C	1.08
Weight/gal. (US) in lbs. at 30°C	9.0

The information on this document is, to our knowledge, true and accurate. However, since the particular uses and the actual conditions of use of our products are beyond our control, establishing satisfactory performance of our products for the intended application is the customer's sole responsibility. All uses of Equistar products and any written or oral information, suggestions or technical advice from Equistar are without warranty, express or implied, and are not an inducement to use any process or product in conflict with any patent.

Equistar materials are not designed or manufactured for use in implantation in the human body or in contact with internal body fluids or tissues. Equistar makes no representation, promise, express warranty or implied warranty concerning the suitability of these materials for use in implantation in the human body or in contact with internal body tissues or fluids.

More detailed safety and disposal information on our products is contained in the Material Safety Data Sheet (MSDS). All users of our products are urged to retain and use the MSDS. A MSDS is automatically distributed upon purchase/order execution. You may request an advance or replacement copy by calling our MSDS Hotline at 800.700.0946.



Lyondell Chemical Company  
1221 McKinney, Suite 700  
P.O. Box 2583  
Houston, Texas 77252-2583  
800.615.8999  
<http://www.Lyondell.com>