



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Amines

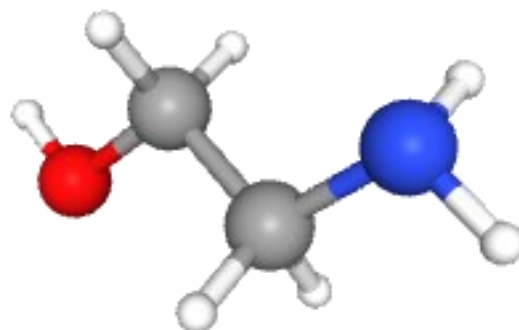
Technical Data Sheet

MONOETHANOLAMINE

Monoethanolamine (MEA) is a clear, colorless liquid with an ammonia-like odor. It is miscible with water and almost all common organic solvents. Monoethanolamine is used as a corrosion inhibitor in boiler feed water, and has important applications as a chemical intermediate in insecticides, dry-cleaning soaps, gas absorbents, rubber chemicals and plasticizers. CAS: 141-43-5

Technical Specifications: C_2H_7NO

Appearance	Colorless, transparent liquid
Monoethanolamine, % weight	99.5
Diethanolamine, % weight	0.20 max.
Moisture (Water %)	0.25 max
Specific Gravity @ 20°C	1.016 g/cm ³
Molecular Weight	99.17
Weight/gallon, lbs.	7.2
Flash Point, °F	185 °F
Color APHA (Hazen)	15.0 Max



Packaging: Available in 463 lb. steel drums.

Storage: Store in a cool, dry well-ventilated area. Keep containers closed when not in use. Avoid exposure to extreme temperatures, contact with incompatible chemicals, and uncontrolled contact with accelerants.

Shelf Life: At least three years if properly stored in unopened container.

Safety: Monoethanolamine is corrosive to the skin and eyes. Inhalation of vapors may irritate the respiratory tract. Flammable. Refer to MSDS for additional precautions.



Monoethanolamine - Technical Data Sheet