



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

Technical Bulletin

TDS_DEAE030110

DEAE (diethylaminoethanol)

About us.....

- Founded in York, PA in 1921, NM&C remains a financially stable, family owned producer of *World Class* Molybdenum & Tungsten compounds serving the Metal Finishing, Agriculture, Water Treatment, Pigment, and Antifreeze markets worldwide.
- NM&C maintains over \$2 million inventory of finished goods and ore concentrates to guarantee our customers a stable and secure source of molybdate in the event of a crisis or shortage.
- All orders for one drum to truckload quantities are shipped the next business day or as requested.
- NM&C molybdates are American Made and backed by full 'Cradle-to-Grave' product liability.
- NM&C is unrivaled in customer service and technical support.
- Strict Quality Assurance programs and ISO 9002 practices assure products of the highest quality and consistency.



Description:

Diethylaminoethanol (DEAE) is a clear, colorless liquid, free of suspended matter. Completely soluble in water @ 20°C and alcohols.

Technical Specifications: (C₆H₁₅NO)

CAS 100-37-8

Odor	Characteristic ammoniacal odor
Chemical Formula	(C ₂ H ₅) ₂ NC ₂ H ₄ OH
Molecular Weight	117.2
Freezing point, °C	-56°C (-69 °F)
Specific gravity @ 20°C g/cm ³	0.88 – 0.89
Flash point, °C	52°C; 125 °F
Boiling point range, °C	158 - 163.5 (316 - 326 °F)
Weight/gallon, lbs.	7.4
Diethylaminoethanol, % wt.	≥ 99.6 min.
Water, wt. %	≤ 0.20 max.
Viscosity @ 20°C	3.5 cps
Color, APHA	≤ 50

Applications: DEAE is used as a neutralizing agent in boiler treatment and as a chemical intermediate in the production of floor polishes, pesticides, coatings and pharmaceuticals.

Packaging: Available in 397 lb. poly drums.

Shelf Life: Has an almost unlimited shelf life when properly stored in unopened container

Safety: DEAE is corrosive to the skin and eyes. Inhalation of vapors may irritate the respiratory tract. Flammable.



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