

Technical Data Sheet

Monoethanolamine (MEA) · CAS 141-43-5 · C₂H₇NO

TECHNICAL DATA SHEET (DRAFT) - Monoethanolamine

Chemical Name: Monoethanolamine (MEA)

CAS No: 141-43-5

Formula: C₂H₇NO

Physical Properties

- Boiling Point: 170.8°C
- Freezing Point: 10.3°C
- Flash Point (PMCC): 93°C
- Density at 20°C: 1.018 g/cm³
- Viscosity at 20°C: 24 mPa·s

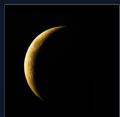
Typical Specifications

- Appearance: Clear liquid, free of suspended matter
- Assay (MEA): "e 99.5 % wt
- Water Content: "d 0.20 % wt
- Color (Pt-Co): "d 15
- DEA Content: "d 0.40 % wt
- TEA Content: "d 0.10 % wt
- Specific Gravity: 1.017 - 1.019

Usage Profile

MEA is used as a feedstock for the manufacture of sequestering agents and as a gas-scrubbing reagent in ammonia and hydrogen production.

Note: These specifications are typical but not exhaustive. Batch-specific COA available upon request.



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