

**TECHNICAL DATA SHEET**

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**MONOETHANOLAMINE (MEA) 99%**

**PRESENTATION:**

Ethanolamine, also called 2-aminoethanol or monoethanolamine (often abbreviated as ETA or MEA), is an organic chemical compound that is both a primary amine and a primary alcohol (due to a hydroxyl group). Like other amines, monoethanolamine acts as a weak base. Ethanolamine is a toxic, flammable, corrosive, colorless, viscous liquid with an odor similar to that of ammonia.

**APPLICATIONS:**

MEA is used in aqueous solutions for scrubbing certain acidic gases. It is used as feedstock in the production of detergents, emulsifiers, polishes, pharmaceuticals, corrosion inhibitors, chemical intermediates. In pharmaceutical formulations, MEA is used primarily for buffering or preparation of emulsions. MEA can be used as pH regulator in cosmetics.

**TYPICAL PROPERTY**

PROPERTY	UNIT	TYPICAL	TEST METHOD
Density at 20 °C	g/cm <sup>3</sup>	1.017	ASTM D 4052*
Purity Monoethanolamine (MEA)	% wt	99.5	GC*
Diethanolamine (DEA)		0.3	GC*
Solidification point	°C	+ 9.8	ASTM D 1493*
Color Hazen (Pt-Co) (APHA)		5	ASTM D 1209*
Water	% wt	0.2	ASTM E 203*

\*or equivalent method

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