

TECHNICAL DATA SHEET

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DIMETHYLETHANOLAMINE (DMEA)

PRESENTATION:

Dimethylethanolamine, also known as Dimethylaminoethanol (DMEA and DMAE respectively), is an organic compound which is industrially produced by the reaction of ethylene oxide with dimethylamine. It contains both an amine group and a hydroxyl group, and can therefore react as as an amine or an alcohol. It is a transparent, pale-yellow liquid.

APPLICATIONS:

Dimethylaminoethanol is used as a catalyst, corrosion inhibitor, additive to paint removers/boiler water/amino resins and it is used in cosmetic and biomedical products.

TYPICAL PROPERTY

PROPERTY	UNIT	TYPICAL	TEST METHOD
Density at 20 °C	g/cm ³	0.886	ASTM D 4052*
Purity	% wt	99.7	GC*
Color Hazen (Pt-Co) (APHA)		15	ASTM D 1209*
Water	mg/kg	0.1	ASTM E 203*

*or equivalent method

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