

TECHNICAL DATA SHEET

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DIETHANOLAMINE (DEA) 99%

PRESENTATION:

Diethanolamine is a polyfunctional organic compound which is both a secondary amine and a diol. Pure diethanolamine is a white solid at room temperature (melting point + 28 °C), but its tendency to absorb water means it is often encountered as a colorless, viscous liquid.

APPLICATIONS:

DEA is used as a surfactant and a corrosion inhibitor. It is used to remove hydrogen sulfide and carbon dioxide from natural gas. It is used in the production of diethanolamides, which are common ingredients in cosmetics and shampoos added to confer a creamy texture and foaming action.

TYPICAL PROPERTY

PROPERTY	UNIT	TYPICAL	TEST METHOD
Purity	% wt	99.4	GC*
Solidification point	°C	23.2	ASTM D 1493*
Color Hazen (Pt-Co) (APHA)		100	ASTM D 1209*
Water	% wt	0.3	ASTM E 203*

*or equivalent method

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