



PETRONAS

PRODUCT DATA SHEET

Diethanolamine (DEA)

Produced using technology licensed by The Dow Chemical Company.

CHEMICAL DESCRIPTION:

Name : Diethanolamine
CAS number : 111-42-2
Type : Alkanolamine

Ethanolamines exhibits a unique combination of amine and alcohol properties, making them desirable in various application.

APPLICATIONS:

- Homecare and I&I cleaner
- Construction
- Gas treating
- Chemical intermediate
- Textile auxiliaries
- Metal working fluid
- Polyurethane

TYPICAL PROPERTIES:

Physical Property*	Units	Typical Value
Physical appearance (25°C)	-	Colourless liquid
Diethanolamine	wt%	99.0-100.0
Monoethanolamine	wt%, max	0.5
Triethanolamine	wt%, max	0.5
Water	wt%, max	0.15
Colour	PtCo, max	15
Freezing point @ 1 atm (nominal)	°C	28
Solubility in water	%	100

*These properties are typical but do not constitute specifications.

FOR MORE INFORMATION

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