



PETRONAS

# PRODUCT DATA SHEET

## Monoethanolamine

Produced using technology licensed by The Dow Chemical Company.

### CHEMICAL DESCRIPTION:

Name : Monoethanolamine  
CAS number : 141-43-5  
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
- Wood treating

### TYPICAL PROPERTIES:

Physical Property*	Units	Typical Value
Physical appearance (25°C)	-	Colourless liquid
Monoethanolamine	wt%	99.5-100.0
Diethanolamine	wt%, max	0.2
Water	wt%, max	0.3
Colour	PtCo, max	15
Boiling point @ 1 atm (nominal)	°C	167-180
Freezing point @ 1 atm (nominal)	°C	10.5
Solubility in water	%	100

\*These properties are typical but do not constitute specifications.

### FOR MORE INFORMATION

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(DERIVATIVES PLANT)

MS ISO 14001 CERT. NO. 00081001

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