

# PRODUCT DATA SHEET

## Triethanolamine (TEA) 99%

Produced using technology licensed by The Dow Chemical Company.

### CHEMICAL DESCRIPTION:

Name : Triethanolamine  
 CAS number : 102-71-6  
 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 |
| Triethanolamine                  | wt%       | 99.0-100.0        |
| Monoethanolamine                 | wt%, max  | 0.10              |
| Diethanolamine                   | wt%, max  | 0.50              |
| Water                            | wt%, max  | 0.2               |
| Colour                           | PtCo, max | 40                |
| Boiling point @ 1 atm (nominal)  | °C        | 335.4             |
| Freezing point @ 1 atm (nominal) | °C        | 21.6              |
| Solubility in water              | %         | 100               |

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

### FOR MORE INFORMATION

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