

PRODUCT DATA SHEET

TRIETHANOLAMINE (TEA) Commercial

Triethanolamine, $(\text{HOC}_2\text{H}_4)_3\text{NH}$. Produced using technology licensed by The Dow Chemical Company.

CHEMICAL DESCRIPTION:

Name : Triethanolamine
CAS number : 102-71-6
Type : Alkanolamine

APPLICATIONS:

- Neutralising agent
- Chemical intermediate
- Gas treating
- Corrosion inhibitor
- Cement grinding

Physical Property*	Units	Typical Value
Triethanolamine	wt%	85.0 - 89.0
Monoethanolamine	wt%	0.1 Max
Diethanolamine	wt%	11.0 - 15.0
Water	wt%	0.2 Max
Color	PtCo	40 Max
Physical State	-	Liquid
Boiling Point @ 1 atm (nominal)	°C	310.3
Freezing Point @ 1 atm (nominal)	°C	15.8
Solubility in Water	wt%	100

*These properties are typical but do not constitute specifications.

FOR MORE INFORMATION

Please contact **PETRONAS Chemicals Group Berhad (PCGB)**, Level 15, Tower 1, PETRONAS TWIN TOWER, KLCC, 50088 KUALA LUMPUR, MALAYSIA.

Tel: +(603) 20515000 Fax: +(603) 20511501 or visit our site www.petronaschemicals.com

Sales contact person; Tel: 03-23318238 Email: zaki_azzudin@petronas.com.my



IMPORTANT NOTICE:

Information contained in this document is accurate and reliable to the best of the knowledge and belief of PETRONAS Chemical Group Berhad. The suggestions and recommendations offered herein serve as a guide in the use of these material, and cannot be guaranteed because the conditions of use are beyond PCGB's control. PCGB assumes no responsibility for the use of information supplied, the application, adaption or processing of the products described herein and here by disclaims all liability (except as otherwise provided by the law) in regard to such use.