



PETRONAS

# PRODUCT DATA SHEET

## Ethonas PEG 1000

Produced using technology licensed by The Dow Chemical Company.

### CHEMICAL DESCRIPTION:

Name : Polyethylene Glycol  
CAS number : 25322-68-3  
Type : Oxyalkylene Polymer

Ethonas PEG 1000 is a water-soluble linear polymer, produced based on the addition polymerization of oxyethylene group.

### APPLICATIONS:

- Adhesives
- Agriculture
- Chemical intermediates
- Inks
- Mold release agent
- Lubricants

### TYPICAL PROPERTIES:

Physical Property*	Units	Typical Value
Physical appearance (25°C)	-	Soft solid
Odour		None/mild
Molecular weight	g/mol	950-1050
pH (5% aq @ 25°C)	-	4.5-7.5
Water	wt%, max	0.5
Colour	PtCo, max	18
Acidity, as Acetic Acid	wt%, max	0.02
Viscosity @ 99°C	cSt	16.0-19.0
Boiling point	°C	>200 (decompose)
Melting point	°C	37-40
Solubility in water @ 20°C	%	100

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

### FOR MORE INFORMATION

Please contact **PETRONAS Chemicals Group Berhad (PCGB)**

Level 33, Tower 1, PETRONAS Twin Towers, Kuala Lumpur City Centre, 50088, KUALA LUMPUR, MALAYSIA.

Tel: +(603) 20515000 or visit our site <https://www.petronas.com/pcg/>

Sales contact person; Tel: +(603) 2392 6698, Email: [hazlina.ralim@petronas.com](mailto:hazlina.ralim@petronas.com)



MS ISO 9001:2000 REG. NO. AR4.088  
(DERIVATIVES PLANT)

MS ISO 14001 CERT. NO. 00081001



### 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.