



PETRONAS

PRODUCT DATA SHEET

Ethonas FAE-3

Produced using technology licensed by The Dow Chemical Company.

CHEMICAL DESCRIPTION:

Name : Alkyl alcohol (C12-C14) Ethoxylate
 CAS number : 68439-50-9
 Type : Nonionic surfactant

Ethonas FAE-3 are based on primary linear alkyl alcohol (C12-C14) with 3 moles of ethylene oxide adducts.

APPLICATIONS:

- Homecare and I&I cleaner
- Emulsifying agent
- Chemical intermediates
- Textile auxiliaries
- Metal working fluid

TYPICAL PROPERTIES:

Physical Property*	Units	Typical Value
Physical appearance (25°C)	-	Colourless liquid
Average moles of EO	-	3
Hydroxyl number	mg KOH/g	172-180
pH (1% in 10/16 IPA/water)	-	6.0-7.5
Water	wt%, max	0.1
Colour	PtCo, max	20
Cloud point, 1% aq	°C	N/A (Insoluble in water)
Critical Micelle Concentration, 1% aq	ppm	N/A (Insoluble in water)
HLB (nominal)	-	8
Pour point	°C	8
Surface tension (0.1% @ 25°C)	mN/m	N/A (Insoluble in water)
Free EO	ppm, max	1.0
1,4-Dioxane	ppm, max	10.0
PEG content	wt%, max	1.0

*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



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.