



PETRONAS

PRODUCT DATA SHEET

Ethonas FAE-7

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-7 are based on primary linear alkyl alcohol (C12-C14) with 7 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)	-	Clear to slightly hazy liquid
Average moles of EO	-	7
Hydroxyl number	mg/g	109-115
pH (1% in 10/16 IPA/water)	-	6.0-7.5
Water	wt%, max	0.1
Colour	PtCo, max	30
Cloud point, 1% aq	°C	54-62
Critical Micelle Concentration, 1% aq	°C	16
HLB (nominal)	-	12
Pour point	°C	17
Surface Tension 0.1% @ 25°C	mN/m	28
Free EO	ppm, max	1.0
1,4-Dioxane	ppm, max	10.0
PEG content	ppm, max	1.0

*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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