



PETRONAS

PRODUCT DATA SHEET

Ethonas NP-6

Produced using technology licensed by The Dow Chemical Company.

CHEMICAL DESCRIPTION:

Name : Nonylphenol Ethoxylate
CAS number : 127087-87-0
Type : Nonionic surfactant

Ethonas NP-6 are based on branched nonylphenol with 6 moles of ethylene oxide adducts.

APPLICATIONS:

- Industrial and institutional cleaner
- Emulsifying agent
- Paint & coating
- Textile auxiliaries
- Metal working fluid

TYPICAL PROPERTIES:

Physical Property*	Units	Typical Value
Physical appearance (25°C)	-	Colourless liquid
Average moles of EO	-	6
Molecular weight	g/mol	467-492
pH (1% in 10/16 IPA/water)	-	5.0-8.0
Water	wt%, max	0.2
Colour	PtCo, max	100
Cloud point, 1% aq	°C	N/A (Insoluble in water)
Critical Micelle Concentration, 1% aq	ppm	N/A (Insoluble in water)
HLB (nominal)	-	10.9
Pour point	°C	-26
Surface tension (0.1% @ 25°C)	mN/m	N/A (Insoluble in water)

*These properties are typical but do not constitute specifications.

FOR MORE INFORMATION

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

MS ISO 14001 CERT. NO. 00081001



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