



PETRONAS

PRODUCT DATA SHEET

Ethonas NP-10

Produced using technology licensed by The Dow Chemical Company.

CHEMICAL DESCRIPTION:

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

Ethonas NP-10 are based on branched nonylphenol with 10 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	-	10
Molecular weight	g/mol	682
pH (1% in 10/16 IPA/water)	-	5.0-8.0
Water	wt%, max	0.3
Colour	PtCo, max	50
Cloud point, 1% aq	°C	60-65
Critical Micelle Concentration, 1% aq	ppm	61
HLB (nominal)	-	13.2
Pour point	°C	6
Surface tension (0.1% @ 25°C)	mN/m	33

*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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