



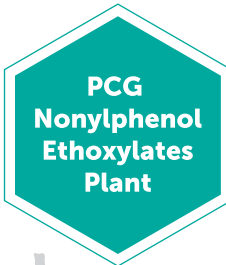
PETRONAS

TERGITOL™ NP SERIES

**NONYLPHENOL
ETHOXYLATES**

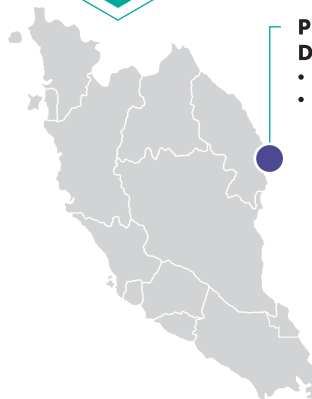
PETRONAS CHEMICALS GROUP BERHAD
CHEMISTRY FOR GROWTH





TERGITOL™ NP SERIES

TERGITOL™ NP SERIES (NONYLPHENOL ETHOXYLATES) has some of the most widely used members of the larger alkylphenol family of nonionic surfactants. They are used in industrial cleaning products, processes, agricultural formulations and paints. PCG's TERGITOL™ NP SERIES consists of NP 4, 6, 7.5, 8, 9, 10 and 40.



PETRONAS CHEMICALS DERIVATIVES SDN. BHD. (PCDSB)
 • Kertih, Terengganu
 • 10 KMPA Nonylphenol Ethoxylates

Product Applications

APPLICATIONS	FUNCTIONS	RECOMMENDED TERGITOL™ NP SERIES						
		4	6	7.5	8	9	10	40 (70%AQ)
Cleaners & degreasers	Emulsifier, cleaning & dispersant	•	•			•		
Adhesive & agrochemicals	Wetting, emulsifier & stabiliser		•	•				•
Textile processing	Detergency, wetting			•	•		•	
Metal working fluid	Emulsifier, wetting				•	•	•	
Dry cleaning	Low foam, stabiliser	•	•					
Floor polish stripper	Cleaning, wetting					•		
Paint & coating	Water soluble emulsifier, stabiliser, wetting						•	•

Product Specifications

COMPONENTS	UNITS	TERGITOL™ NP SERIES						
		4	6	7.5	8	9	10	40 (70%AQ)
Molecular weight	MW Unit	380 - 420	467 - 492	-	-	-	-	-
pH-1% in 10/6 ISOP/H ₂ O	-	5.0 - 8.0	5.0 - 8.0	5.0 - 8.0	5.0 - 8.0	5.0 - 8.0	5.0 - 8.0	4.0 - 8.0
Water	% Weight	0.5 max	0.2 max	0.3 max	0.0 - 0.3	0.3 max	0.3 max	27.5 - 30.5
Colour	Pt-Co	100 max	100 max	75 max	50 max	70 max	50 max	150 max
Cloud point-Propanol/H ₂ O 25°C	ml	-	68 - 90	-	-	-	-	-
Cloud point 1% Aq	°C	-	-	29 - 33	41 - 46	52.0 - 56.0	60 - 65	-
Specific Gravity at 20/20°C	-	-	-	-	-	1.052 - 1.062	-	-
Polyethylene Glycols	% Weight	-	-	-	-	-	-	2.8 max

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