

Armohib® PC-100

Specifications

	Min	Max
Appearance (@ 25C)	Clear pale	yellow liquid
Moisture (%)	14.00	19.00
pH (10% Aqueous)	6.5	7.5
Activity (%)	9.0	10.0

Solvent	I	P	D	S	C	G	E
10% in Water							X
50% in Water					X		
50% in Xylene				X			
						X	
50% in Aromatic 150					X		
10% in Kerosene				X			
50% in Kerosene				X			
10% in Xylene							X
50% in Xylene				X			
							X
10% in Isopropyl Alcohol							X
50% in Isopropyl Alcohol						X	

I - Insoluble, **P** - Partially Dispersible,
D - Dispersible, **S** - Slightly Soluble,
C - Soluble, **G** - Gel,
E - Emulsion

Typical Properties

Odor	Bland
Appearance (@25 C)	Liquid, Pale Yellow
Water Content (%)	17
pH (5% in 3:1 IPA/H2O)	7
Brookfield Viscosity (@77 F) (cps)	60
Pour Point (C)	<-17.8
Density (@77 F) (Lbs/Gal)	8.67
Flash Point (C)	54.4

Advantages

Armohib PC-100 is one of Akzo Nobel's high performance line of paraffin control chemicals. Armohib PC-100 has been specially designed to combine the effective paraffin control of a dispersant with the protection of an inhibitor, making it suitable for use in a wide range of applications. As a dispersant, Armohib PC-100 penetrates, removes and prevents the redeposition of paraffin deposits, effectively cleaning the production equipment of accumulations. As an inhibitor, Armohib PC-100 prevents paraffin precipitation and reduces the flow resistance of hydrocarbons in flowlines and pipelines under cold conditions. Armohib PC-100 may be applied alone or in conjunction with other paraffin products in periodic batch or continuous treatments. Armohib PC-100 is compatible with most other paraffin chemicals, additives and organic solvents typically used in the formulation of paraffin compounds. In most systems, Armohib PC-100 is non-emulsifying.

How it Works

Armohib PC-100 is a blend of a paraffin surfactant, dispersant and inhibitor. The surfactant in Armohib PC-100 penetrates and removes existing paraffin masses. The dispersant breaks up and returns the removed paraffinic material to a stable dispersion within the hydrocarbon. Deposition of paraffin is controlled by the inhibitor portion of Armohib PC-100 which prevents paraffin crystal precipitation, and by the surfactant/dispersant portions which prevent any paraffin crystals which might form from accumulating. The result is a clean and efficiently operating system, free from the troublesome, production restricting effects of paraffin deposition.

The specifications & properties listed above are for products manufactured in the United States.

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