

TouCor PP-1 Corrosion Inhibitor

Protection of metal components in oil- and gas installations

Version 13/07/2020

TECHNICAL DATA SHEET

Description	TouCor PP-1 is an organic film-forming corrosion inhibitor.	
Functionality	TouCor PP-1 has a positive charge that attracts to the negatively charged metal surface. The hydrophobic parts create a protecting layer, minimizing contact between the water and pipe and reducing the corrosion potential.	
How to use	TouCor PP-1 is optimized for sweet corrosion inhibition for low- and moderate temperatures. It performs without or with enhancers (e.g. Na-thiosulfate)	
General information	Appearance	amber to greenish liquid
	Imidazoline content (M _w = 359)	> 72 wt. %
	Total amine	4.70 - 5.20 meq/g
	pH	10.5 - 12.5 (3 wt. % in 80/20 water/IPA)
	Water content	< 0.1 wt. %
	Density	926 kg/m ³ at 20 °C
	Flash point	> 125 °C
	Viscosity	200 mPa*s
	Solubility	soluble in diesel, aromatic and aliphatic solvents, insoluble in water
Safety and Handling	The product is hygroscopic and should be stored in a dry place > 0 °C (see MSDS). When stored in tank cover with a layer of nitrogen gas for protection. Always homogenize the product before use.	
Typical shelf life	12 months (closed container, stored at ambient temperature)	
Packaging	Drum (180 kg), IBC (900 kg)	
Contact	info@tougas-oil.com TouGas Oilfield Solutions GmbH, Germany www.tougas-oil.com	

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