



Uniphos Chemicals

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XF-339S (BHMTPh.PN)

XF-339S(BHMTPh.PN) is an effective threshold scale inhibitor for carbonate and sulfate scales. It has excellent hydrolytic and thermal stability over a wide range of pH values at temperatures above 120°C. **XF-339S** has good calcium compatibility. It is recommended in application for oil field water treatment. As a pre-neutralized version of **XF-339**, **XF-339S** allows direct injection at well sites.

Abbreviation	BHMTPh.PN
Molecular Formula	$C_{17}H_{44-x}N_3P_5O_{15}Na_x$
Molecular Weight	731 approx
Chemical Name	Bis (hexamethylene triamine penta (methylene phosphonic acid))
CAS Number	35657-77-3

Typical Properties

Appearance	Dark amber liquid
Active Acid (%)	35.0 – 39.0
Iron (as Fe, ppm)	65 max.
pH (1% solution) @ 25°C	2.5 – 4.5
Specific Gravity @ 20°C	1.24 -1.28

Packaging

PE drum, IBC/Tote