



Uniphos Chemicals

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XF-336S (DTPMPA.Na7)

XF-336S(DTPMPA.Na7), sodium salt of DTPMPA, is a general purpose scale inhibitor, powerful sequestrant and excellent barium sulphate scale inhibitor. It is recommended for application in cooling water treatment, peroxide bleach stabilization and scale control in detergent formulations, I & I cleaners, oil field scale control.

Abbreviation	DTPMPA.Na7
Molecular Form	$C_9H_{21}N_3O_{15}P_5Na_7$
Molecular Weight	727
Chemical Name	Sodium salt of Diethylene Triamine Penta (Methylene Phosphonic Acid)
CAS Number	68155-78-2

Typical Properties

Appearance	Amber liquid
Active acid, %	24.0 – 26.0
Active salt, %	30.5 – 33.0
pH @ 25°C, 1% solution	7.0 – 9.0
pH @ 25°C, as is	6.0 – 8.0
Specific gravity @ 20°C, g/cm³	1.25 – 1.35
Iron, as Fe, ppm	20 max
Chlorides (Cl), %	5.0 max

Packaging

210L PE drum, IBC/Tote

MSDS is available upon request.