



Uniphos Chemicals

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XF-336 (DTPMPA)

XF-336(DTPMPA) is a 50% solution of Diethylenetriaminepenta (methylene phosphonic acid). It is a general-purpose scale inhibitor, powerful sequestrant and excellent barium sulphate scale inhibitor. **XF-336** is recommended in applications of cooling water treatment, peroxide bleach stabilization and scale control in detergent formulations, I & I cleaners, geothermal water treatment, oil field scale control.

Abbreviation	DTPMPA
Molecular Formula	C ₉ H ₂₈ N ₃ O ₁₅ P ₅
Molecular Weight	573.2
Chemical name	Diethylenetriaminepenta (methylene phosphonic acid)
CAS Number	15827-60-8

Typical Properties

Appearance	Yellow to amber liquid
Active acid, %	≥50.0
pH @ 25°C, 1% solution	2.0 max.
Specific gravity @ 20°C, g/cm³	1.35 – 1.45
Iron, as Fe, ppm	20 max.
Chloride (Cl), %	12.0 – 17.0

Packaging

PE drum, IBC/Tote
MSDS is available upon request.