



Uniphos Chemicals

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XF-333 (ATMP) Scale Inhibitor

Certified by NSF

XF-333 is an aqueous solution of amino trimethylene phosphonic acid. XF-333 is widely used as a sequestering agent and calcium carbonate scale inhibitor for applications in industrial water treatment, industrial cleaning, oil production and textile bleaching. **Uniphos Chemicals** is a key manufacturer of this chemical in markets.

Abbreviation	ATMP
Molecular Formula	C ₃ H ₁₂ NO ₉ P ₃
Commercial Form	Aqueous solution
Molecular Weight	299
Chemical Abstracts Name	Amino tri (methylene phosphonic acid)
CAS Number	6419-19-8
Application Notes	Cooling water treatment, boiler treatment, I & I Cleaners, Metal Ion Control, Oil Field

Physical and Chemical Properties

Appearance	Clear water white to pale yellow liquid
Active content, %	48.0 – 52.0
pH, 1% solution @ 25°C	2.0 max
Specific gravity @ 20°C, g/cm³	1.28 – 1.38
Iron, as Fe, ppm	20 max
Chlorides (as Cl), %	2.0 max

Packaging & Safety

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