



Uniphos Chemicals

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XF-333SA (ATMP.Na4)

Scale & Corrosion Inhibitor

XF-333SA is the neutral pH sodium salt of **XF-333**. It is a cost-effective scale inhibitor based on amino tri methylene phosphoric acid. **XF-333SA** is an excellent calcium carbonate (CaCO₃) scale inhibitor in oil field injection applications and is compatible with other additives. Preferred to use in neutral to acidic formulations, **XF-333SA** generates no ammonia odor.

Abbreviation	ATMP.Na4
Chemical Name	Sodium salt of Amino Tri(Methylene Phosphonic Acid)
Molecular Formula	C ₃ H ₈ NO ₉ P ₃ Na ₄
Molecular Weight	387
CAS Number	20592-85-2

Typical Properties

Appearance	Clear pale yellow solution
Active %, as acid	29.4 – 32.4
Active %, as salt	38.0 – 42.0
pH, 1% solution @ 25°C	6.0 – 8.0
Specific gravity @ 20°C, g/cm³	1.35 – 1.45
Iron, as Fe, ppm	35 max

Packaging:

PE drum, IBC/Tote