



# Uniphos Chemicals

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## XF-333LC (ATMP) Scale Inhibitor

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.

**XF-333LC** is Low Chloride grade of **XF-333**.

<b>Abbreviation</b>	ATMP
<b>Molecular Formula</b>	C <sub>3</sub> H <sub>12</sub> NO <sub>9</sub> P <sub>3</sub>
<b>Commercial Form</b>	Aqueous solution
<b>Molecular Weight</b>	299
<b>Chemical Abstracts Name</b>	Amino tri (methylene phosphonic acid)
<b>CAS Number</b>	6419-19-8

### Typical Properties

<b>Appearance</b>	Clear colorless to pale yellow liquid
<b>Active Content</b>	48.0-52.0%
<b>pH (1% solution) @ 25°C</b>	<=2.0
<b>Specific Gravity @20°C, g/cm<sup>3</sup></b>	1.28-1.38
<b>Iron (as Fe)</b>	<=10ppm
<b>Chlorides (as Cl-), %</b>	<=0.50
<b>Hazen color, APHA</b>	<=125

### Packaging & Safety

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