



# Uniphos Chemicals

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## XF-333D(ATMP) Scale Inhibitor

**XF-333D(ATMP)** is a powder, which is ideal for post-mixing in solid grade formulations and tablets. **XF-333D(ATMP)** is widely used in cooling water treatment, boiler water treatment, industrial and institutional cleaning, oilfield water treatment, general purpose metal ion control and etc.

<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>Molecular Weight</b>	299.05
<b>Chemical Abstracts Name</b>	Amino Tri (methylene phosphonic acid) ATMP Solid
<b>CAS Number</b>	6419-19-8

### Physical and Chemical Properties

<b>Appearance</b>	White crystalline powder
<b>Active Acid (%)</b>	90.0 min
<b>Phosphorous acid asPO<sub>3</sub><sup>3-</sup> (%)</b>	4.0 max
<b>Phosphoric acid asPO<sub>4</sub><sup>3-</sup> (%)</b>	0.8 max
<b>Chloride (as Cl) %</b>	1.0 max
<b>pH (1% solution) @ 25°C</b>	2.0 max
<b>Iron (as Fe) ppm</b>	35.0 max

### Packaging & Safety

25kgs/bag with pallet  
MSDS is available upon request.