# JIYUAN QINGYUAN WATER TREATMENT CO., LTD

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***Product Information:***

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| **Chemical Name** | Amino Tri (Methylene Phosphonic Acid) |
| **Abbreviation** | ATMP |
| **Molecular Formula** | $C_3H_{12}NO_9P_3$ |
| **Molecular Weight** | 299.05 |
| **CAS Number** | 6419-19-8 |
| **Application Notes** | ATMP has excellent chelation, low threshold inhibition and lattice distortion ability. It can prevent scale formation, calcium carbonate in particular, in water system. ATMP has good chemical stability and is hard to be hydrolyzed in water system. At high concentration, it has good corrosion inhibition. |
| **Recommended Uses** | ATMP is used in industrial circulating cool water system and oilfield water pipeline in fields of thermal power plant and oil refinery plant. ATMP can decrease scale formation and inhibit corrosion of metal equipment and pipeline. ATMP can be used as chelating agent in woven and dyeing industries and as metal surface treatment agent.<br>The solid state of ATMP is crystal powder, soluble in water, easily deliquescence, suitable for usage in winter and freezing districts. Because of its high purity, it can be used in woven & dyeing industries and as metal surface treatment agent. |

***Product Specification:***

| Items | Index |
|---|---|
| Appearance | Colorless to pale yellow clear liquid |
| Active Acid (%) | 48.0-52.0 |
| Chloride (as $Cl^-$, %) | 1.0 max |
| pH(1% solution)@20°C | 2.0 max |
| Density (20°C), g/cm3 | 1.330 min |
| Iron, as Fe (ppm) | 35.0 max |
| Colour (Hazen) | 50 max |

***Package and Storage:***

ATMP Liquid: normally in 200L HDPE drum 1000L IBC and ISO TANK.

Storage for 12 months in room shady and dry place.

***Safety Protection:***

Acidity, avoid contact with eye and skin, once contacted, flush with plenty water.