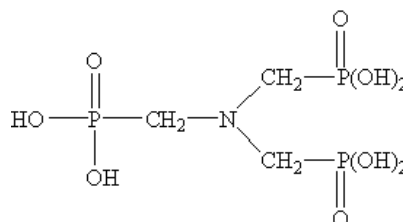


SolQuest® 2000 Amino Trimethylene Phosphonic Acid (ATMP)

CAS NO.: 6419-19-8 **Structural Formula:**

Molecular Formula: $N(CH_2PO_3H_2)_3$



Physico-Chemical Properties:

Appearance	Clear, Colorless to pale yellow aqueous solution
Active acid %	50.0 min
Chloride (as Cl-)%	1.0 max
PH(1% water solution)	2.0 max
Density (20°C) g/cm ³	1.30 min
Fe, mg/L	20.0 max

General Information

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.

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.

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.

Safety Protection

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