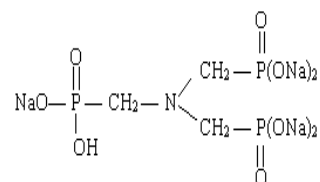


SolQuest® 2006 Penta sodium salt of Amino Trimethylene Phosphonic Acid (ATMP•Na5)

CAS NO.: 20592-85-2(x-Na),
2235-43-0 (5-Na)

Structural Formula:



Molecular Formula: C₃H₇NO₉P₃Na₅

Physico-Chemical Properties:

Appearance	Clear, Colorless to pale yellow aqueous solution
Active content (ATMP)%	27.8-30.7
Active content (ATMP•Na5) %	38.0-42.0
Total phosphoric acid(PO ₄ ³⁻) %	26.6-28.6
Chloride (as Cl-)%	1.0 max
PH(1% water solution)	10.0-11.0
Density (20°C) g/cm ³	1.38-1.48
Fe, mg/L	10.0 max

General Information

Penta sodium salt of Amino Trimethylene Phosphonic Acid is the salt of ATMP, it can inhibit calcium carbonate particularly in water treatment system . Penta sodium salt of Amino Trimethylene Phosphonic Acid can be used in circulating cool system in power plant, oil refinery plant and oilfield refill water system . Penta sodium salt of Amino Trimethylene Phosphonic Acid is a general low cost scale inhibitor, it has good corrosion inhibition to zinc salt and phosphate, its chelating ability is good as well.

Penta sodium salt of Amino Trimethylene Phosphonic Acid is used together with other organophospho-nic acid, polycarboxylic acid or salt to form organic alkaline agents. Penta sodium salt of Amino Trimethylene Phosphonic Acid can be used in circulating cool water system for all water quality.

Safety Protection

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