

Tetra sodium salt of Amino Trimethylene Phosphonic Acid

(ATMP•Na₄)

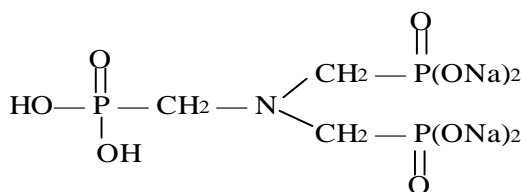
CAS No. 20592-85-2

Dequest 2006A

Molecular Formula: C₃H₈NO₉P₃Na₄

Molecular Weight:387

Structural Formula



Properties and usage:

ATMP•Na₄ is the salt of ATMP, it can inhibit the scale formation, calcium carbonate in particular, in water system. ATMP•Na₄ can be used in circulating cool system in power plant, oil refinery plant and oilfield refill water system. ATMP•Na₄ has good synergistic effects with other additives, in neutral to acidic condition, no ammonia smell is let off.

Specification:

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Appearance	Colorless or light yellow transparent liquid
Active content (ATMP) %	29.4-32.4
Active content (ATMP•Na ₄) %	38.0-42.0
PH (1% water solution)	6.5-7.5
Fe (Fe ³⁺) ppm	35max
Density (20°C) g/cm ³	1.35-1.45

Usage:

ATMP•Na₄ is used together with other organophosphonic acid, polycarboxylic acid or salt to form organic alkaline agents, it is used in circulating cool water system for all water quality.

Package and Storage:

Normally In 250kg net Plastic Drum, IBC drum can also be used as required. Storage for ten months in room shady and dry place.