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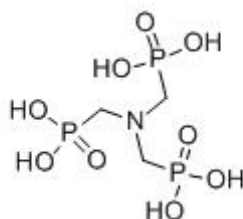
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Technical Data Sheet

ATMP

Product Information

Chemical Name	Amino Trimethylene Phosphonic Acid
CAS #	6419-19-8
Formula	C3H12NO9P3
Molecular Weight	299.05
Synonyms	ATMP;Amino Tri(Methylene Phosphonic Acid)
Chemical Structure	



Description

The solid state of ATMP is crystal powder, soluble in water, easily deliquescent, 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.

Specification

Items	Index	
	Liquid	Solid
Appearance	Clear, Colorless to pale yellow aqueous solution	White crystal powder
Active acid %	50.0 min	95.0 min
Chloride (as Cl-)%	1.0 max	1.0 max
pH (1% water solution)	2.0 max	2.0 max
Fe, mg/L	10.0 max	20.0 max

Density (20°C)g/cm3	1.30 min	-
Colour APHA (Hazen)	30.0 max	-

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

ATMP is usually used together with organophosphoric acid, polycarboxylic acid and salt to built all organic alkaline water treatment agent.

ATMP can be used in many different circulating cool water system. The dosage of 1-20mg/L is recommended. As corrosion inhibitor, the dosage of 20-60mg/L is preferred.

Packaging

Liquid: 250kg per steel drum,80drums per 20ft container

Solid: 25kg per bag,25mt per 20ft container

Storage & Handling

Do not store in direct sunlight. Store in a tightly closed container.

Store in a cool, dry, well-ventilated area away from incompatible substances.

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation.

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Keep container tightly closed.

Avoid ingestion and inhalation.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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