

Product Information

ATMP 50% Solution

Product Description:

ATMP known as aminotris(methylenephosphonic acid) is a colorless to light yellow transparent liquid that is water soluble and has chelating properties.

Applications:

ATMP is used as an admixture to concrete as a retarding agent and water reducing agent (plasticizer) to increase cement workability and concrete strength. It is a corrosion inhibitor in oil & gas well cementing systems. It is used as a scale and corrosion inhibitor in water systems such as thermal power plants and cooling systems. It is used as a chelating agent in textile dyeing, paints and coatings. It is used as a deflocculating agent in water-treatment.

Chemical Formula:

$C_3H_{12}NO_9P_3$

CAS No. :

6419-19-8

Specifications

Parameters (units)	Specifications
Appearance	Colorless to light yellow transparent liquid
Active acid (%)	≥ 50.0
Chloride (%)	≤ 2.0
pH, 1% aqueous solution	≤ 2.0
Iron (mg/L)	≤ 35.0
Density, at 20 °C (g/cm ³)	≥ 1.30
Color (APHA)	≤ 80

*% denoted represents wt/wt %, unless noted otherwise

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Packaging:

Material is available in 25 kg bags, 200 L plastic drums and 1000 L IBCs. Further packaging options may be available upon inquiry.

Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging. Product has a shelf-life of 10 months if stored in appropriate conditions.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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