



## KOR PA

**CHEMICAL NAME** Nitrilotrimethylenetris  
(phosphonic acid)  
(ATMP Acid)

**Molecular Formula** C<sub>3</sub>H<sub>12</sub>NO<sub>9</sub>P<sub>3</sub>

**CAS No** 6419-19-8

**EC No** 229-146-5

### PRODUCT FEATURES

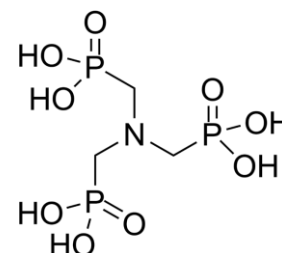
- The product an Organophosphoric acid corrosion inhibitor
- Excellent CaCO<sub>3</sub> scale inhibition and chlorine stability
- It can chelate Fe, Cu and Zn ions
- Built together with other water treatment chemicals, product performs good synergitic performance.
- Product is hard to be decomposed under normal light and heat conditions

### USE AREA

- Water treatment
- Oil field
- Detergent/soap
- Metal treatment
- Industrial cleaners
- Electroplating
- Photographic/printing ink
- Construction chemical

## ATMP Acid

### STRUCTURE



### PHYSICAL PROPERTIES

<b>Active Content%</b>	48 - 52
<b>Chloride %</b>	max. 1,0
<b>Boiling Point, °C</b>	Approx. 100 °C
<b>Specific Gravity @23°C, g/cm<sup>3</sup></b>	1,31 - 1,35
<b>pH(%10)</b>	0,0 - 1,5
<b>Appearance</b>	Light Yellow liquid

### Safety

UN 3265 Corrosive Liquid, Acidic, Organic, N.O.S. (Amino trimethylene phosphonic acid), Class 8, P.G. III

### Package

Container, Drum and IBC

### Storage

Material should be kept cool and dry for best results

**MKS DevO Chemicals**

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