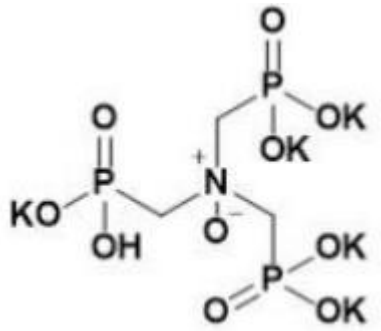
N-oxide, Pentapotassium Salt of Amino Trimethylene Phosphonic Acid (ATMP-N-Oxide.K_5)

CAS No.	255830-15-0	**EINECS No.**	700-903-6
Molecular Formula	$C_3H_7NO_{10}P_3K_5$	**Molecular Weight**	505.6

Structural Formula



Product Features

ATMP-N-Oxide.K_5 is a chemical which is called as Amino Trimethylene Phosphonic Acid N-oxide, pentapotassium salt .ATMP-N-Oxide.K_5 is a modified organophosphonate exhibiting sequestration of metal ions at stoichiometric concentration. ATMP-N-Oxide.K_5 also exhibits superior stability towards chlorine. ATMP-N-Oxide.K_5 can be used as effective mild scale inhibitor in alkaline condition.

Technical Specification

Items	Index
Appearance	Clear, Colorless to pale yellow aqueous solution
Active content (ATMP-N-Oxide), %	24-26
pH (1% water solution)	9.5-10.5
Density (20℃), g/cm^3	1.38 min

Applications & Usage

ATMP-N-Oxide.K_5 is a chloride stable Phosphonate. ATMP-N-Oxide.K_5 can be used as scale inhibitor in various industrial applications with superior performance in presence of chlorine.ATMP-N-Oxide.K_5 could be used in industrial detergents, disinfectants and treatment of swimming pool water.

Package & Storage

ATMP-N-Oxide.K_5 liquid			
25L Drum	200L Drum	1000L IBC	ISO Tank
			
Storage for ten months in shady room and dry place.			

Hazard & Safety Precaution

Hazard Information	Safety Precaution
Not regulated	
Once contacted with eye and skin, flush with plenty of clean water.	

Alternative Name / Synonyms

- [nitrilotris(methylene)]trisphosphonic acid N-oxide, pentapotassium salt
- Aminotrismethylenphosphonic acid N-oxid pentapotassium salt
- ATMP-N-oxide-5K