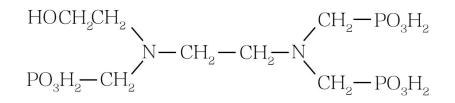


# Aminoethyl Ethanolamine Tri(Methylene Phosphonic Acid) (HEDTMP)(AEEA Phosphonate)



CAS No.	186614-90-4	EINECS No.	809-925-1
Molecular Formula	$C_7H_{21}N_2O_{10}P_3$	Molecular Weight	386

Structural Formula



#### **Product Features**

AEEA Phosphonate(HEDTMP) is an effective scale inhibitor for a squeeze or continuous treatment of calcium and magnesium carbonate, strontium, calcium and barium sulfate and iron scales in water system of high temperatures. AEEA(HEDTMP) Phosphonate is also an anodic corrosion inhibitor, can be used as a scale/corrosion inhibitor for cooling water, boilers, water floods, or drilling system.

### **Technical Specification**

Parameter	Standard	
Appearance	Clear, Colorless to pale yellow aqueous solution	
Active content (as acid), %	35.0 min	
Chloride (as Cl <sup>-</sup> ), %	6.0 max	
Fe, ppm	20.0 max	
Density (20℃), g/cm³	1.25 min	
PH (1% water solution)	2.0 max	



### **Applications & Usage**

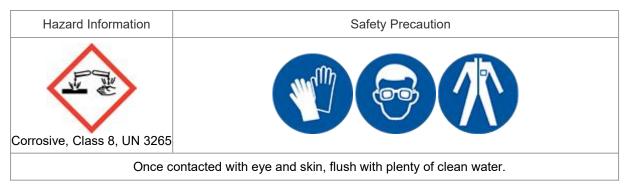
AEEA Phosphonate has very little effects on the rheological properties of drilling mud and excellent tolerance to high calcium-content brines.

AEEA Phosphonate is an excellent anodic corrosion inhibitor in the presence of oxygen with application in cooling towers and drilling fluids..

#### Package & Storage



## Hazard & Safety Precaution



### Alternative Name / Synonyms

- HEDTMP
- AEEA Phosphonate
- Aminoethyl Ethanolamine Tri(Methylene Phosphonic Acid)

### AEEA Phosphonate(HEDTMP) Salts

• Aminoethyl Ethanolamine Tri(methylene phosphonic acid) Sodium Salt (AEEA Phosphonate Sodium Salt) (HEDTMP.Na5)