

Hepta sodium salt of Diethylene Triamine Penta (Methylene Phosphonic Acid)

(DTPMP • Na₇)

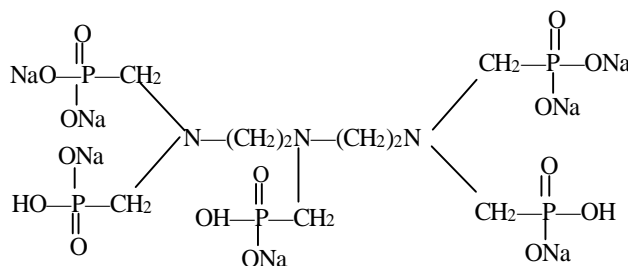
CAS No. 22042-96-2 (x-Na) 68155-78-2 (7-Na)

Dequest: 2066

Molecular Formula: C₉H₂₃O₁₅N₃P₅Na₇

Molecular weight: 727

Structural Formula:



Properties and usage:

DTPMP • Na₇ is a scale inhibitor, for barium sulphate in particular and a chelating agent. DTPMP • Na₇ can be used as stabilizer for peroxide bleaching, detergent auxiliaries, in industrial & municipal cleaning water, terrestrial heat water, oilfield water, etc.

Specification:

index		index	
Appearance		Umber transparent liquid	
Active content (DTPMPA)%	31.5-33.5		24.0-26.0
Active content (DTPMPANa ₇)%	40.0-42.5		30.5-33.0
Total phosphoric acid (PO ₄ ³⁻) %	25.9-27.9		19.7-21.7
Chloride (Cl) %	5.0max		5.0max
Fe ppm	20max		20max
PH (1% water solution)	7.0-9.0		7.0-9.0
PH (origin solution)	6.0-8.0		6.0-8.0
Density (20°C) g/cm ³	1.34-1.44		1.24-1.34

Package and Storage:

Normally In 250kg net Plastic Drum, IBC drum can also be used as required. Storage for ten months in room shady and dry place.

Safety Protection:

Avoid contact with eye and skin, once contacted, flush with water.