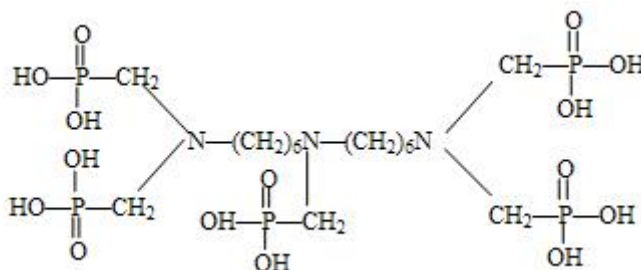


Bis(HexaMethylene Triamine Penta (Methylene Phosphonic Acid)) BHMTMPMA



CAS No.	34690-00-1	EINECS No.	252-156-6
Molecular Formula	C ₁₇ H ₄₄ O ₁₅ N ₃ P ₅	Molecular Weight	685

Structural Formula



Product Features

BHMTMPMA is an effective threshold scale inhibitor for carbonate and sulfate scales. BHMTMPMA has good water-soluble properties and heat tolerance. BHMTMPMA has high calcium ion tolerance in a wide pH ranges and temperature as high as 120°C. When it is used for circulating water treatment, the concentration ratio of circulating water can be increased effectively, and the water consumption rate of circulating water can be reduced.

Technical Specification

Parameter	Standard
Appearance	Dark brown liquid
Active content, %	43.0-48.0
Chloride (Cl ⁻), %	6.0 max
Fe, mg/L	35 max
Density (20°C), g/cm ³	1.20 min
pH (1% water solution)	2.0 max





Scale & Corrosion Inhibition Performance

CaCO ₃ inhibition	CaSO ₄ inhibition	BaSO ₄ inhibition	Iron control	Calcium tolerance
Very Good	Very Good	Very Good	Yes	Good
Sequestration	Steel corrosion inhibition		--	--
Good	Excellent		--	--



Applications & Usage

BHMTMPMA can be used as scale and corrosion inhibitor for oilfield water, industrial circulating cool water and boiler.

Package & Storage

BHMTMPMA Liquid			
25L Drum	200L Drum	1000L IBC	ISO Tank
			
Storage for 10 months in shady room and dry place.			

Hazard & Safety Precaution

Hazard Information	Safety Precaution
 Corrosive, Class 8, UN 3265	
Once contacted with eye and skin, flush with plenty of clean water.	

Alternative Name / Synonyms

- BHMT
- BHMTMPMP
- BHMTPh.PN(Nax)
- Bis(HexaMethylene Triamine Penta (Methylene Phosphonic Acid))
- Partially Neutralised Sodium Salt of Bis Hexamethylene