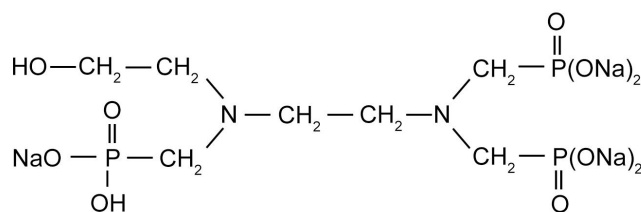


**Partially neutralized sodium salt of bis hexamethylene
triamine penta (methylene phosphonic acid)
BHMTPH.PN(Na₂)**



CAS No.	35657-77-3	EINECS No.	252-656-4
Molecular Formula	C ₁₇ H ₄₂ O ₁₅ N ₃ P ₅ Na ₂	Molecular Weight	731

Structural Formula



Product Features

BHMTPh.PN is an effective scale inhibitor for carbonate and sulfate scale. BHMTPh.PN has excellent hydrolytic and thermal stability over a wide range of pH values at temperatures above 120°C. BHMTPh.PN has good calcium compatibility.

Technical Specification

Items	Index
Appearance	Dark brown liquid
Active content(as acid), %	35.0-39.0
Fe, mg/L	65 max
Density (20℃), g/cm³	1.21-1.31
PH (1% water solution)	2.5-4.5




Applications & Usage

BHMTPH.PN can be used as scale and corrosion inhibitor for oilfield water, industrial circulating cool water and boiler. As a pre-neutralized version of BHMTPH.PN, BHMTPH.PN allows direct injection at well sites.




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			

Package & Storage

BHMTPH•PN(Na ₂) 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.	