



NORTH METAL & CHEMICAL COMPANY
World Class Molybdenum & Tungsten Compounds

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Since 1921

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Phosphonates

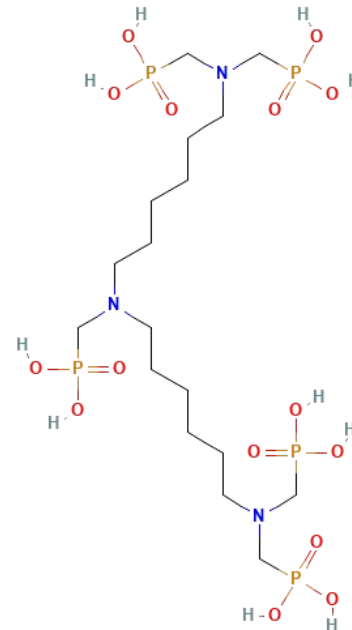
Technical Data Sheet

BHMTTPMPA - Bis(HexaMethylene Triamine Penta (Methylene Phosphonic Acid)) *NorthQuest 6800*

NorthQuest 6800, Bis(HexaMethylene Triamine Penta (Methylene Phosphonic Acid)) (BHMTTPMPA) works well as a highly efficient chelating scale inhibitor for use in industrial water treatment programs. BHMTTPMPA has good effect to carbonate and sulfate scale. It has good water soluble properties and heat tolerance. BHMTTPMPA has high calcium ion tolerance in a wide pH range and temperature as high as 120C . CAS#: 34690-00-1

Technical Specifications: C₁₇H₄₄N₃O₁₅P₅

Appearance	Brown Transparent Liquid
Molecular Weight	385
Active Content %	43-48% min
pH (1% solution)	2.0 max
Specific Gravity @ 20°C	1.20 min
Freezing Point	-12°C
Chloride (Cl), %	8.0 max
Iron (Fe), ppm	65 max



Packaging: Available in 551lb drums and 2755lb totes. Small packs available by request.

Storage: Store in a cool, dry area. Keep containers closed when not in use.

Shelf Life: At least three years if properly stored in unopened container.

Safety: Non-hazardous. Non-flammable. See MSDS for specific information.



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