



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

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Since 1921

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Phosphonates

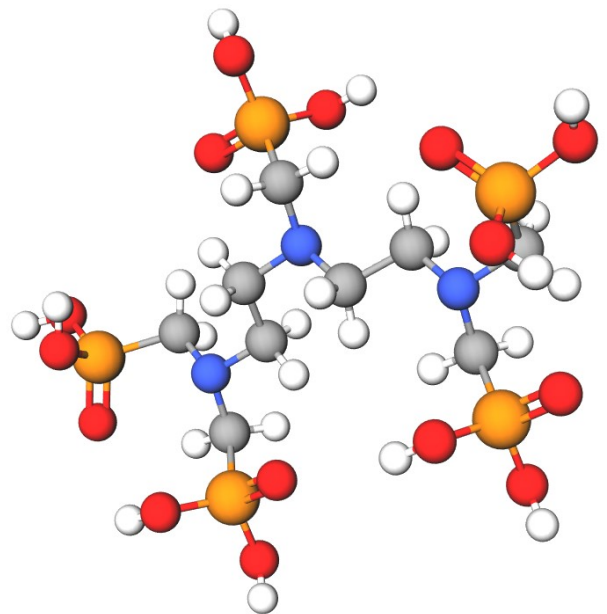
Technical Data Sheet

DTPMPA - Diethylenetriamine Penta Methylene Phosphonic Acid

NorthQuest 6200, Diethylenetriamine Penta Methylene Phosphonic Acid (**DTPMPA**) works well as a scale inhibitor and dispersing agent for use in industrial water treatment programs; when used at high alkali and temperatures (above 210°C) it is more effective than other phosphonates. DTPMPA is a very good inhibitor of the precipitation of barium sulfate. CAS#: 15827-60-8

Technical Specifications: $C_3H_7NO_9P_3Na_5$

Appearance	Brown Transparent Liquid
Molecular Weight	573
Active Content (DTPMPA), %	50% min
pH (1% solution)	2.0 max
Specific Gravity @ 25°C	1.35 - 1.45
Freezing Point	-25°C
Chloride (Cl), ppm	20 max
Iron (Fe), ppm	25 max



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Packaging: Available in 55lb drums and 275lb 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.

