



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Phosphonates

Technical Data Sheet

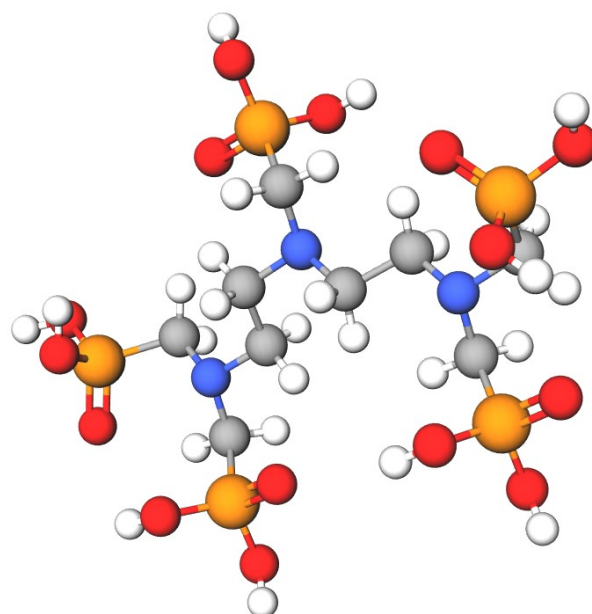
DTPMPA-Na7

Hepta Sodium Salt of Diethylenetriamine Penta Methylene Phosphonic Acid

NorthQuest 6207, **DTPMPA-Na7**, is our neutralized DTPMPA. It 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-Na7 is a very good inhibitor of the precipitation of barium sulfate. CAS#: 68155-78-2

Technical Specifications: $C_3H_7NO_9P_3Na_7$

Appearance	Brown Transparent Liquid
Solids Content (Neutralizing Agent as DTPMPA-Na7), %	40.0 - 42.5 %
Active Content (DTPMPA), %	31.5 - 33.5 %
pH (1% solution)	6.0 - 9.0
Specific Gravity @ 25°C	1.34 - 1.44
Total Phosphoric Acid, PO4	25.9 - 27.9%
Chloride (Cl), ppm	5.0 max
Iron (Fe), ppm	20 max



DTPMPA-Na7 – Technical Data Sheet

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 five years if properly stored in unopened container.

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

