



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

609 E. King St.
York, PA 17403

Phone: (717) 845-8646
Email: north@northmetal.net
Web: www.northmetal.net

Phosphonates

Technical Data Sheet

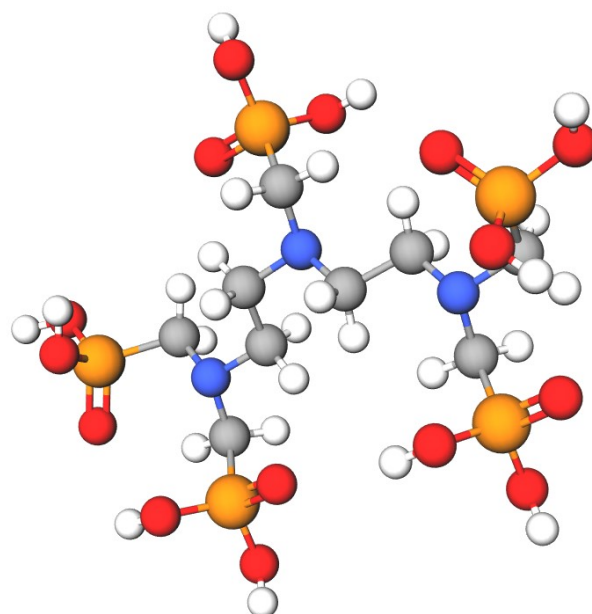
DTPMPA-Na7

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) | 7.0 - 9.0 |
| Specific Gravity @ 25°C | 1.300 - 1.450 |
| Total Phosphoric Acid, PO4 | 25.9 - 27.9% |
| Chloride (Cl), ppm | 5.0 max |
| Iron (Fe), ppm | 20 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.



DTPMPA-Na7 – Technical Data Sheet