



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Phosphonates

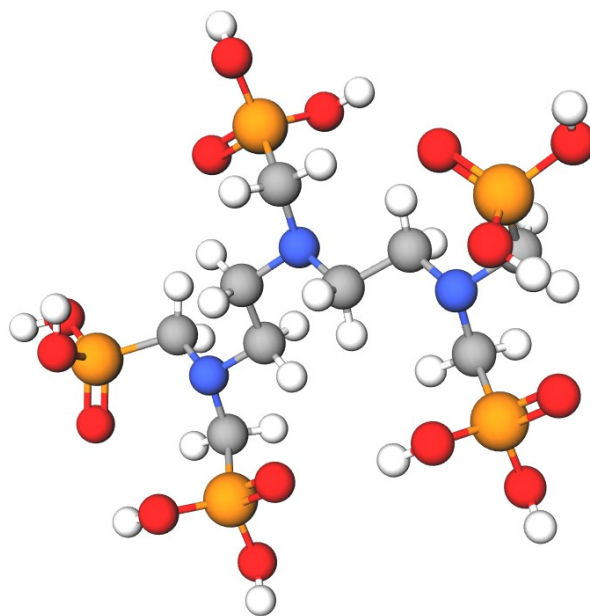
Technical Data Sheet

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), % | 12-17% |
| 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.

