



NORTH METAL & CHEMICAL COMPANY
World Class Molybdenum & Tungsten Compounds
 Since 1921

TDS_NQ6207-41218

Technical Bulletin

About us.....

- Founded in York, PA in 1921, NM&C remains a financially stable, family owned producer of *World Class Molybdenum & Tungsten* compounds serving the Metal Finishing, Agriculture, Water Treatment, Pigment, and Antifreeze markets worldwide.
- NM&C maintains over \$2 million inventory of finished goods and ore concentrates to guarantee our customers a stable and secure source of molybdate in the event of a crisis or shortage.
- All orders for one drum to truckload quantities are shipped the next business day or as requested.
- NM&C molybdates are American Made and backed by full 'Cradle-to-Grave' product liability.
- NM&C is unrivaled in customer service and technical support.
- Strict Quality Assurance programs and ISO 9002 practices assure products of the highest quality and consistency.



NorthQuest 6207 DTPMPA-Na7

(Hepta Sodium Salt of Diethylenetriamine Penta Methylene phosphonic Acid)

Description: DTPMPA-Na7, or NorthQuest 6207, works well as a scale inhibitor and chelating agent for use in industrial water treatment programs; works especially well on barium sulphate in particular.

Technical Specifications: (CAS No. 68155-78-2)

ELEMENT	SPECIFICATION
Appearance	Brown Transparent Liquid
Active Content (DTPMPA), %	31.5 - 33.5
Solids Content (Neutralizing Agent as DTPMPA-Na7); % wt.	40.0 - 42.5
Specific Gravity	1.34 - 1.44
pH Value	6.0 - 9.0
Total Phosphoric Acid, PO4 %	25.9 - 27.9 %
Chloride, as Cl ⁻ (%)	5.0 max
Iron, ppm	20.0 max

APPLICATION: Scale inhibition, chelating agent, and stabilizer in industrial water treatment. Very effective against Barium Sulphate.

PACKAGING: Available in 551.16 lb. (250 Kgs) drums.

SAFETY: Avoid contact with eye and skin, once contacted flush with water. Refer to MSDS for additional precautions.



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