



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

POLYMER

NORTHQUEST 2100 - Technical Data Sheet

TDS051909

Technical Bulletin

NORTHQUEST 2100

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.



Description: NorthQuest 2100 is a Carboxylate Sulphonate Copolymer for use in boiler treatment and pulp & paper processing. It is designed to provide superior stabilization of Calcium Phosphate and demonstrates excellent stabilization of Zinc and Calcium Carbonate.

Features:

- Excellent calcium phosphate inhibition
- Moderate calcium carbonate inhibition
- Prevents calcium sulfate and calcium oxalate scaling in extreme pH environments
- High Iron tolerance
- Excellent thermal & chemical stability
- Widely used in cooling water for phosphate/zinc and all organic based treatment programs.

Technical Specifications:

Appearance	Clear colorless to pale yellow liquid
Nature	Acidic
pH (neat)	4.50—5.50
Specific Gravity @ 25° C	1.18—1.20
Viscosity @ 25° C, cps	80—100 cps
Molecular weight	11000
Total Solids (%)	37

APPLICATIONS: NorthQuest 2100 is widely used in Cooling Water for phosphate/zinc or all organic based treatment programs. It works as a strong dispersant, holding silt and other suspended solids in suspension and preventing fouling. 2100 has a synergistic effect with other additives in preventing scale as well as corrosion. It provides superior Iron tolerance in the presence of soluble Iron in the system.

PACKAGING: Available in 551.15 lb. drums.

SAFETY: Refer to MSDS for precautions.



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