



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

Technical Bulletin

NORTHQUEST 2050

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 2050 is a low molecular weight partially neutralized acrylic acid/acrylamide co-polymer. It is highly effective as a dispersant and scale inhibitor in industrial water treatment, boiler water treatment, detergent as well as in all types of water based systems.

Features:

- Excellent Dispersant
- Low threshold inhibition
- An excellent alternative to the Buckman BSI 75

Technical Specifications: (AA/Acrylamide Co-polymer)

Form	Clear, colorless to pale yellow liquid
Nature	Almost Neutral
Molecular Weight	3500
pH Value (1% solution)	6.0 max
Specific Gravity @ 25° C	1.16 -- 1.20
Viscosity; Brookfield @ 25° C, cps	1000 cps max.
Total Solids, %	45% minimum

APPLICATIONS: NorthQuest 2050 inhibits deposition of calcium/magnesium (carbonates, sulphates), barium sulphate and other low solubility salts, which are responsible for the depositions of scales on surfaces. The low molecular weight polymer show good activity over a wide range of pH, high water hardness and temperature without precipitation. The product is non-foaming providing good environmental acceptability.

PACKAGING: Available in 250kg. (551.15 lb.) non-returnable drums.

SAFETY: Refer to MSDS for precautions.



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