



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

PHOSPHONATES

Technical Bulletin

NQ 575\_121113

NORTHQUEST 575 - Technical Data Sheet

**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 575 (Stabilized HPA)**

**Description:** NorthQuest 575, (Hydroxyphosphono Acetic Acid), is a commonly used organic corrosion and scale inhibitor for mild steel in industrial water systems. It functions by forming a thin film with calcium at the cathodic site to prevent oxygen from reaching the metal surface. A stabilizing agent is formulated into product in order to perform in the presence of oxidizing agents (i.e. chlorine). The stabilized formulation is ideally suited for more demanding higher temperature and high pH environments. A lower cost alternative to the more expensive Belcor 575.

**Technical Specifications:**

Appearance	Dark, Brown Liquid
pH (neat)	3.0 max.
Specific gravity @ 25° C	1.30 max.
Total Solids (%)	50.0 min.

**APPLICATION:** NorthQuest 575 (HPA) is formulated with a stabilizing agent for scale and corrosion inhibition in more demanding and stressed industrial water treatment programs where higher temperatures and higher pH levels are prevalent.

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

**SAFETY:** Refer to MSDS for precautions.



**NORTH METAL & CHEMICAL CO.**  
 P.O. Box 1904, 609 E. King St.  
 York, PA 17402

**Phone:** (717) 845-8646  
**FAX:** (717) 846-7350  
**Email:** north@nmc-nic.com  
**Web:** www.nmc-nic.com

