



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

PHOSPHONATE

Technical Bulletin

NQ 6300-PAPEMP

NORTHQUEST 6300(PAPEMP)

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 6300 is a new water treatment agent that has high chelation and dispersion effects, high value of calcium tolerance, and good scale inhibition effects. NQ6300 can be used as scale and corrosion inhibitor in circulating cool water system, and oil-field refill water system in situations of high hardness, high alkali and high pH value. NQ6300 has excellent scale inhibition ability to calcium carbonate, calcium sulfate and calcium phosphate. NQ6300 can efficiently inhibit the formation of silica scale, stabilize metal ions such as Zn, Mn and Fe.

Features:

- ♦ High chelation and dispersion effects.
- ♦ High value of calcium tolerance.
- ♦ Good scale inhibition effects.

Technical Specifications: (Polyamino Polyether Methylene Phosphonic Acid)

Appearance	Amber, Transparent Liquid
pH (neat)	1.5 — 2.5
Specific gravity @ 20° C	1.15 — 1.25
Active Component %	40.0 min
Molecular Weight	~600

APPLICATION: NorthQuest 6300 can be used as scale inhibitor for reverse osmosis system and multistep flash vaporization system in which high salt concentration, high turbidity and high temperature are usually encountered (such as high temperature and high turbidity in coal vaporization system), accessory agent for woven & dyeing.

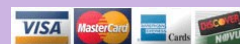
PACKAGING: Available in 551 lbs. drums and 2755 lbs. tote.

SAFETY: Refer to MSDS for precautions.



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NORTHQUEST 6300 - Technical Data Sheet