



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

609 E. King St.
York, PA 17403

Since 1921

Phone: (717) 845-8648
Email: north@nmc-nic.com
Web: www.northmetal.net

Polymers

Technical Data Sheet

NorthQuest 2000

NorthQuest 2000 is a low molecular weight Carboxylate Sulphonate Copolymer. NQ2000 shows optimal scale-inhibition efficiency through solubility enhancement by threshold effect, crystal modification, and higher dispersing activity. It is designed to provide superior stabilization of Calcium Phosphate and demonstrates excellent stabilization of Zinc and Calcium Carbonate. This product also works as a strong dispersant, holding silt and other suspended solids in suspension and prevents fouling. This product is widely used in cooling-water systems. CAS# 9003-01-4

Technical Specifications: Copolymer of Acrylic Acid

Appearance	Light Amber Liquid
Solids Content, %	42.5 - 44.5
pH (1% solution)	3.0 - 5.0
Specific Gravity @ 25°C	1.18 - 1.25
Acid Value (mg KOH/g)	100 - 200
Viscosity, cPs @ 25°C	100 - 400
Color, APHA	55 max
Molecular Weight	4500

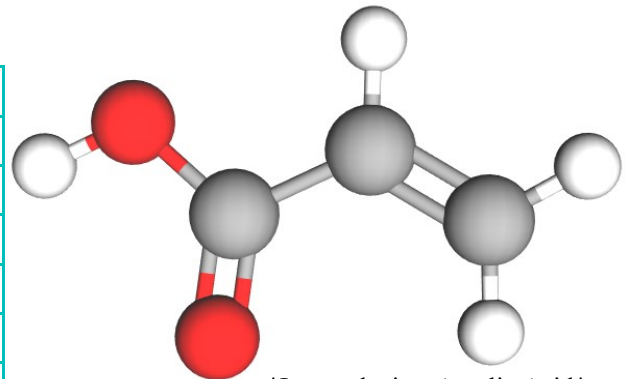


Image depicts Acrylic Acid

Packaging: Available in 529lb drums and 2646lb totes. Small packs available by request.

Storage: Store in a cool, dry area. Keep containers closed when not in use.

Shelf Life: At least five years if properly stored in unopened container.

Safety: Use caution while handling and avoid contact with eyes. Refer to MSDS for specific information.



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