



# 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

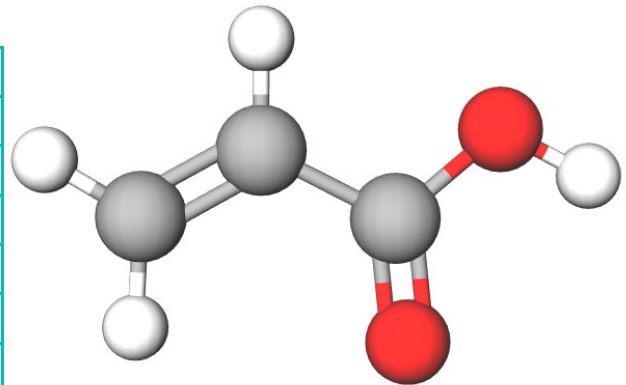
## Technical Data Sheet

### NorthQuest 1000

**NorthQuest 1000** is a low molecular weight, Polyacrylic Acid Homopolymer. It is highly effective as a dispersant and scale inhibitor in industrial water treatment, boiler-water treatment, and all water-based systems. It is especially effective at inhibiting deposition of calcium, magnesium, barium sulphate and other low-solubility salts. This product has good thermal stability to oxidizing agents such as chlorine. It is non-foaming, leading to environmental acceptability. CAS# 9003-01-4

#### Technical Specifications: Polyacrylic Acid Homopolymer

Appearance	Clear to light yellow liquid
Solids Content, %	47 - 51 %
pH (1% solution)	3.0 - 4.5
Specific Gravity @ 25°C	1.20 - 1.25
Acid Value (mg KOH/g)	100 - 350
Viscosity, cPs @ 25°C	100 - 400
Color, APHA	50 max
Molecular Weight	2000



\*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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