



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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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 - 53 %
pH (1% solution)	3.0 - 4.5
Specific Gravity @ 25°C	1.200 - 1.250
Acid Value (mg NaOH/g)	100 - 350
Viscosity, cPs @ 25°C	100 - 400
Color, APHA	500 max
Molecular Weight	2000

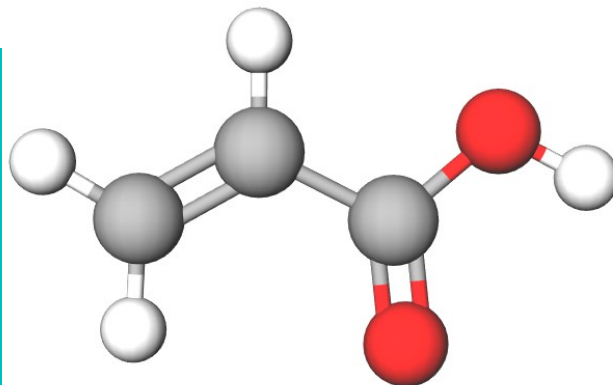


Image depicts Acrylic Acid

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 three 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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