



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

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Since 1921

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Polymers

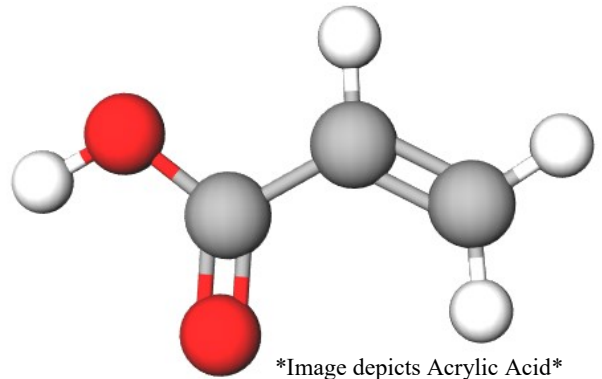
Technical Data Sheet

NorthQuest 4450

NorthQuest 4450 is a neutralized homopolymer of acrylic acid with an average molecular weight of 4450. Utilizing these properties, NQ4450 does well with anti-precipitation, inhibition of crystal growth, and fighting settling and scaling. NorthQuest 4450 has been developed as a multifunctional, formulation support agent in industrial water systems and other related applications, but can also be used to increase bleach stability and improve film maintenance through soil dispersion. Due to its high solubility in caustic products, NQ4450 should be used in medium alkaline to very alkaline solutions. CAS# 9003-01-4

Technical Specifications: Homopolymer of Acrylic Acid

Appearance	Clear, lightly yellow, liquid
Solids Content, %	45.0 min
pH (1% Solution)	6.0 - 9.0
Specific Gravity	1.26 - 1.36
Brookfield Viscosity, cPs @25°C	1000 max
Color, APHA	100 max



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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