



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

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Polymers

Technical Data Sheet

NorthQuest 5000

NorthQuest 5000 is a carboxylate-sulfonate-maleic terpolymer. NQ5000 can be used in water treatment formulations to control Calcium Carbonate and Calcium Phosphate deposition, even in the presence of heavy metals. It is also able to hold high levels of Ortho-Phosphate in solution, even at a pH of 9.0. This property enables cooling-water systems at an alkaline pH to minimize corrosion without having Phosphate deposits. NorthQuest 5000 has very high dispersing properties towards silt, clay, silica, and metal oxides.
 CAS# 40623-75-4

Technical Specifications: Terpolymer of Acrylic Acid

| | |
|---------------------------------|---------------------|
| Appearance | Clear, Amber Liquid |
| Solids Content, % | 44.0 - 48.0 |
| pH (1% solution) | 1.5 - 3.5 |
| Specific Gravity | 1.15 - 1.25 |
| Brookfield Viscosity, cPs @25°C | 500 max |
| Color, Gardner | 12 max |

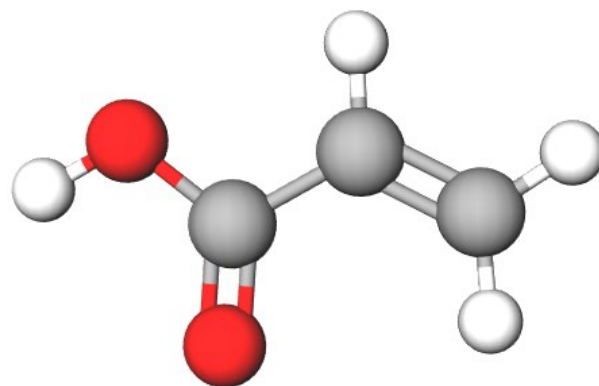


Image depicts Acrylic Acid

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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