



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Polymers

Technical Data Sheet

NorthQuest 3100

NorthQuest 3100 is a water treatment terpolymer that controls boiler deposits by keeping harmful foulants that can accumulate in boiler tubes, in suspension. This highly effective, proprietary terpolymer controls both dried, and hydrated, Iron Oxide in condensate return and well water. NQ3100 contains three functional groups: Strong acids (sulfonates), weak acids (carboxylates), and a nonionic that provide optimal dispersion for most particulates under a broad range of operating conditions. CAS#: 40623-75-4

Technical Specifications: Terpolymer of Acrylic Acid

Appearance	Light Amber Liquid
Solids Content, %	42 - 45
pH (1% solution)	2.0 - 3.5
Specific Gravity	1.15 - 1.25
Acid Value, mg KOH/g	100 - 300
Color, APHA	200 max
Brookfield Viscosity @ 25°C, cPs	500 max

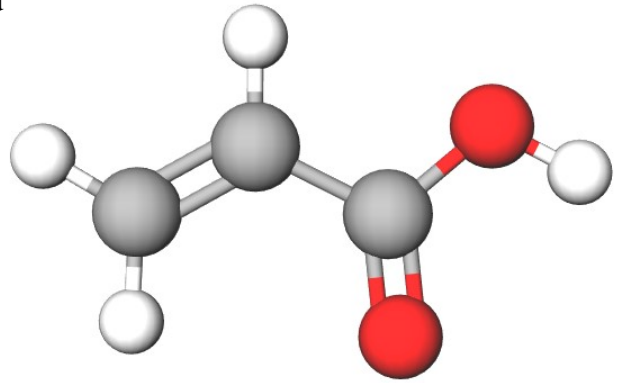


Image Depicts Acrylic Acid

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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