



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

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Polymers

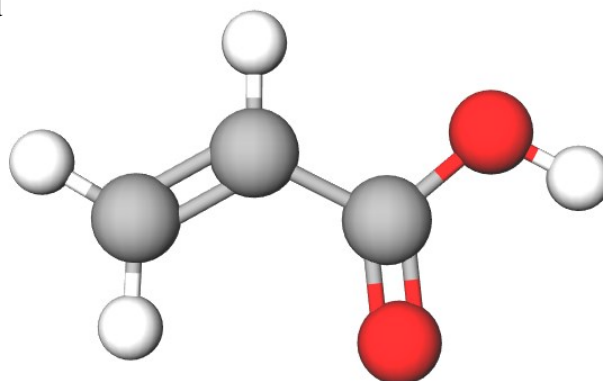
## Technical Data Sheet

### 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 - 46
pH (1% Solution)	2.0 - 3.75
Specific Gravity	1.150 - 1.250
Acid Value, mg NaOH/g	100 - 300
Color, APHA	300 max
Brookfield Viscosity @ 25°C, cPs	750 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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