



NORTH METAL & CHEMICAL COMPANY
World Class Molybdenum & Tungsten Compounds

609 E. King St.
 York, PA 17403

Since 1921

Phone: (717) 845-8648
 Email: north@nmc-nic.com
 Web: www.northmetal.net

Polymers

Technical Data Sheet

NorthQuest 599

NorthQuest 599 is a non-phosphorous, multi-functional polymer for scale and deposit control in industrial water treatment. It has a unique combination of chemical groups that inhibit scale deposit resulting from carbonate and sulfate salts of calcium and magnesium. The presence of carboxylic and sulfonic acid groups in the polymer enhances the ability to disperse iron oxide, silt, and clay particles while providing better stability of Iron and Zinc ions in order to prevent metallic surface corrosion. CAS#: 40623-75-4

Technical Specifications: Terpolymer of Acrylic Acid

Appearance	Clear to light yellow liquid
Solids Content, %	39 - 41 %
pH (1% solution)	2.0 max
Specific Gravity @ 25°C	1.15 - 1.25
Acid Value (mg KOH/g)	150 - 350
Viscosity, cPs @ 25°C	200 - 400

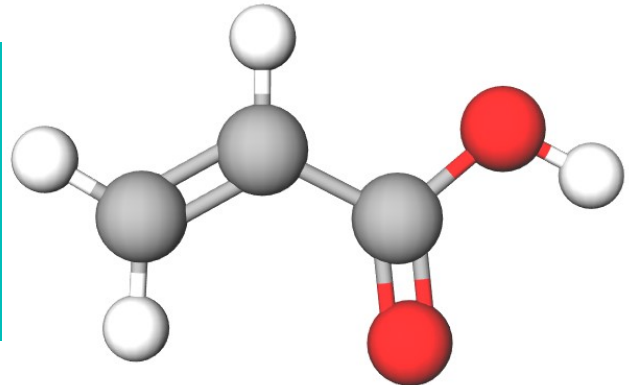


Image depicts Acrylic Acid

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 five years if properly stored in unopened container.

Safety: Use caution while handling and avoid contact with eyes. Refer to MSDS for specific information.



NorthQuest 599 – Technical Data Sheet