



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

609 E. King St.
York, PA 17403

Since 1921

Phone: (717) 845-8646
Email: north@northmetal.net
Web: www.northmetal.net

Polymers

Technical Data Sheet

NorthQuest 780

NorthQuest 780 is a low molecular weight Carboxylate Copolymer. Due to the presence of strong, and weak, acid function groups, NQ780 shows optimal scale inhibition through solubility enhancement. It also demonstrates excellent stabilization of Zinc and Calcium Carbonate and works as a strong dispersant, holding the silt and other solids in suspension, preventing fouling. This product is widely used in Cooling Water Towers for phosphate/zinc or all-organic based treatment programs. CAS#: 40623-75-4

Technical Specifications: Acrylic Copolymer

Appearance	Clear to light yellow liquid
Solids Content, %	42.5 - 45.0 %
pH (1% solution)	4.0 - 5.0
Specific Gravity @ 25°C	1.185 - 1.225
Acid Value (mg NaOH/g)	100 - 250
Viscosity, cPs @ 25°C	100 - 500

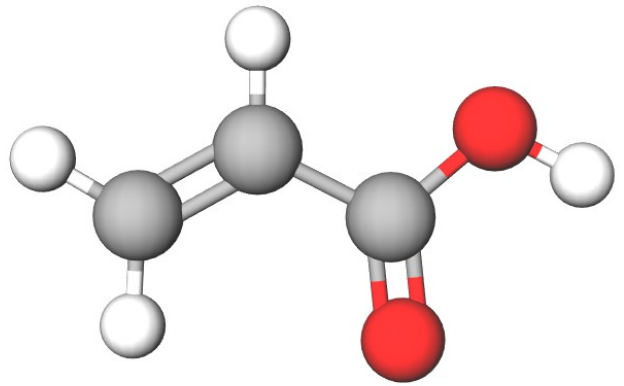


Image depicts Acrylic Acid

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.



NorthQuest 780 – Technical Data Sheet