



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Polymers

Technical Data Sheet

NorthQuest 400

Northquest 400 is an antiscalant that has been developed as a Calcium Phosphate and Calcium Carbonate inhibitor and a multifunctional, formulation support agent in industrial water systems and other related applications; its active ingredient is Phosphinocarboxylic Acid Co-Polymer. NQ400 is not affected by chlorine, or other oxidizing biocides, under normal-use conditions and has excellent thermal and chemical stability, offering increased shelf life. Test for compatibility with long chain nitrogen compounds, aliphatic amines and quaternary ammonium compounds. CAS# 68037-40-1

Technical Specifications: CH₃O₂P

Appearance	Clear, to light yellow, liquid
Solids Content, %	48.0 - 52 %
pH (1% solution)	1.5 - 2.5
Specific Gravity @ 25°C	1.22 - 1.25
Viscosity, cPs @ 25°C	225 - 450

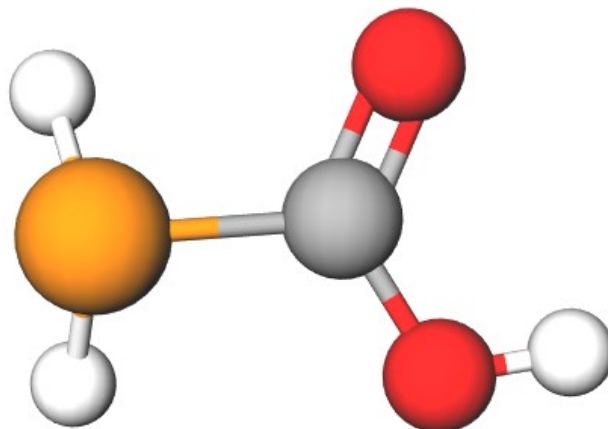


Image depicts Phosphinocarboxylic Acid

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: NQ400 is nonflammable and noncombustible. Refer to MSDS for specific information.



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