



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

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Since 1921

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Polymers

Technical Data Sheet

NorthQuest 4100

NorthQuest 4100, Sodium Salt of Polyaspartic Acid (PASP), has a molecular structure that makes it a good dispersing agent and corrosion inhibitor. It is biodegradable, and environmentally friendly. NQ4100 is a versatile product that can fit many needs; it is an excellent scale inhibitor of Calcium Carbonate, it is used widely in industrial water treatment, and it can be used as a fertilizer synergist. Adding it to urea can improve fertilizer efficiency by 20 - 40%. It also benefits from being a “green” product. CAS# 181828-06-8

Technical Specifications: PolyAspartic Acid

Appearance	Yellow to Umber Liquid
Solids Content, %	40.0 min
pH (1% solution)	9.0 - 11.0
Specific Gravity	1.20 - 1.30
Color, Gardner	25 max
Brookfield Viscosity @ 25°C, cPs	100 max
Molecular Weight	1000 - 5000

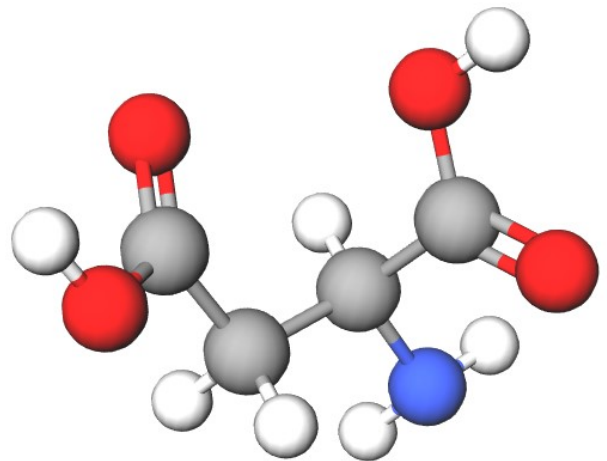


Image depicts Aspartic Acid

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.



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