



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Phosphonates

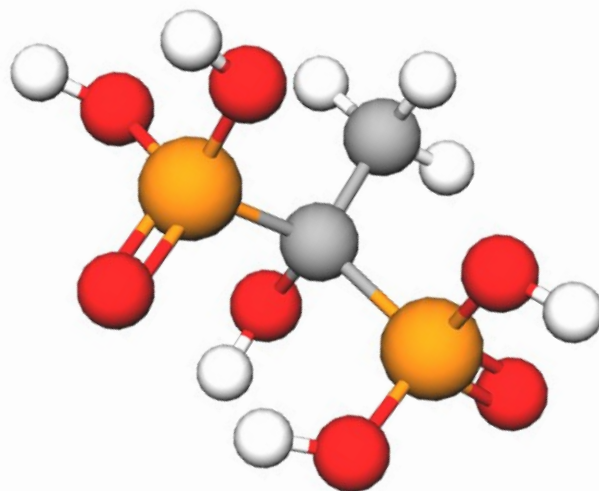
Technical Data Sheet

NorthQuest 5660

NorthQuest 5660 is our Dry Hydroxyethylidene Diphosphonic Acid, **HEDP**. Primarily used as a scale and corrosion inhibitor, targeting calcium carbonate, it is highly stable in boilers and cooling towers, even in the presence of halogens. As a non-hazardous phosphonate, NorthQuest 5660 is easy to transport and apply; it will not freeze and performs in temperatures up to 250 degrees Celsius. CAS#: 25211-86-3

Technical Specifications: $C_2H_8O_7P_2$

Appearance	White Crystalline Powder
Assay (HEDP·H ₂ O)	98% min
Active Content as HEDP, %	92% min
Phosphorous Acid, % PO ₃	0.8% max
Phosphoric Acid, % PO ₄	0.5% max
pH (1% solution)	2.0 max
Chloride (Cl), %	0.1% max
Iron (Fe), ppm	5 max



Packaging: Available in 55 lb. bags.

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: HEDP is corrosive to the skin and eyes. Inhalation of vapors may irritate the respiratory tract. Refer to MSDS for additional precautions.



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