



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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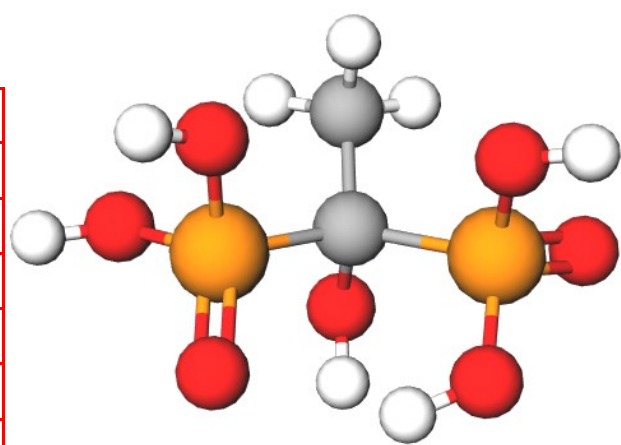
Phosphonates

Technical Data Sheet

HYDROXYETHYLIDENE DIPHOSPHONIC ACID

Hydroxyethylidene Diphosphonic Acid, **HEDP**, is used as a scale and corrosion inhibitor, deflocculant, sequestrant, water stabilizer in water treatment pipelines, and detergents with high temperature and pH values. It is freely miscible in water, alcohol, and organic solvents. CAS#: 2809-21-4

Technical Specifications: C₂H₈O₇P₂



Appearance	Clear, to pale yellow, liquid
Active Content as HEDP, %	58-62%
Phosphorous Acid, % PO ₃	2.5% max
pH (1% solution)	2.5 max
Specific Gravity @ 25°C	1.400 - 1.480
Sequestration Value @ 11pH	500 min
Color, APHA	80 max
Chloride (Cl), %	1.0% max
Iron (Fe), ppm	35 max

Packaging: Available in 55lb drums and 2755lb 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: HEDP is corrosive to the skin and eyes. Inhalation of vapors may irritate the respiratory tract. Refer to MSDS for additional precautions.



HEDP – Technical Data Sheet