



NORTH METAL & CHEMICAL COMPANY
World Class Molybdenum & Tungsten Compounds

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Since 1921

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Phosphonates

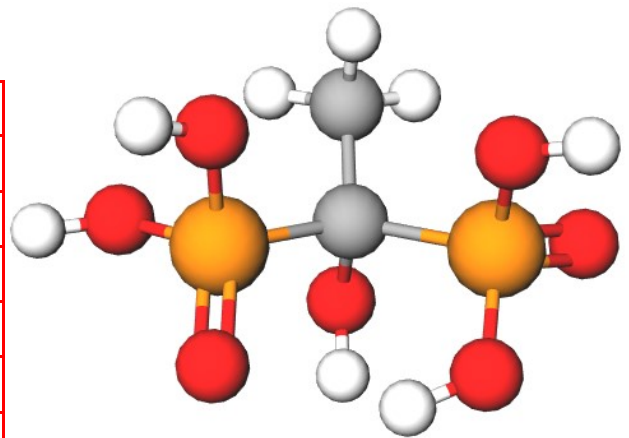
Technical Data Sheet

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: $C_2H_8O_7P_2$

Appearance	Clear, to pale yellow, liquid
Active Content as HEDP, %	59% min
Phosphorous Acid, % PO_3	2.5% max
pH (1% solution)	2.0 max
Specific Gravity @ 25°C	1.40 - 1.48
Sequestration Value @ 11pH	500 min
Color, APHA	80 max
Chloride (Cl), %	1.0% max
Iron (Fe), ppm	35 max



HEDP – Technical Data Sheet

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 five 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.

