



双创国际有限公司
TWIN INTERNATIONAL CO., LIMITED

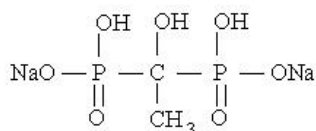
CERTIFICATE OF ANALYSIS

Disodium of 1-Hydroxy Ethylidene-1,1-Diphosphonic Acid
(HEDP.Na2)

CAS No.: 7414-83-7

Molecular Formula: C₂H₆O₇P₂Na₂

Molecular weight: 250



Properties:

HEDP•Na2 is an organophosphonic acid corrosion inhibitor, it can chelate with Fe, Cu, and Zn ions, it can dissolve the oxidized materials, has good scale and corrosion inhibition effects even under 250°C.

Specification:

Items	Specifications	Results
Appearance	White powder	White powder
Active content (HEDP•Na2)%	90 min	92.49
Active content (HEDP) %	74.0-79.0	76.21
density (20°C)g/cm3	--	--
Fe Ions(Fe ³⁺) PPM	35 max	6.39
Phosphorous acid (as PO ₃ -)%	2 max	1.06
Moisture, %	3.0-6.0	4.06
PH (1% water solution)	4.0-6.0	5.88

Usage:

HEDP.Na2 is widely used in circulating cool water system, medium and low pressure boiler, oil field water pipelines as scale and corrosion inhibitor in fields such as electric power, chemical industry, metallurgy, fertilizer, etc.. In light woven industry, HEDP.Na2 is used as detergent for metal and nonmetal. In dyeing industry, HEDP.Na2 is used as peroxide stabilizer and dye-fixing agent; In non-cyanide electroplating, HEDP.Na2 is used as chelating agent.

Package:

25kg/bag, and can make special specification according to customers' requirement.



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