KİMYEVİ MADDELER SANAYİ VE TİCARET A.Ş.

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TEQPHOS 2010 TDS

HEDP is an aqueous solution of 1-Hydroxyethylidene -1, 1-diphosphonic acid,(HEDP)and is noted for excellent CaCO3 scale inhibition and chlorine stability. **HEDP**is widely used in industry as a sequestering agent and calcium carbonate scale inhibitor for applications in cooling water treatment, boiler water treatment, industrial and institutional cleaners, swimming pool stain prevention, personal care products, metal ion control.

Abbreviation	HEDP
Molecular Formula	$C_2H_8O_7P_2$
Molecular Weight	206
Chemical Name	1-Hydroxyethylidene -1, 1-diphosphonic acid
CAS Number	2809-21-4

Typical Properties

Appearance	Water white to pale yellow liquid
Active acid, %	58.0 – 62.0
pH, 1% solution @ 25 ℃	2.0 max.
Specific gravity @ 20 ℃ , g/cm^3	1.42 – 1.47
Iron, as Fe, ppm	20 max.
Phosphorous acid, %	4.0 max.
Color APHA (Hazen)	150 max.
Chlorides (as Cl, ppm)	100 max.