



HC-328 1-Hydroxy ethylidene-1.1-diphosphonic acid (HEDPA)

HEDP is a multifunctional phosphonate providing all the properties of polyphosphates, phosphate esters, polymers and chelating agents. HEDP is employed as a scale control agent for cooling water treatment, Besides, it can improve corrosion control, or inhibit iron fouling and assist dispersion of solids. HEDP is with the following key functions:

1. Threshold effect Hydrolytic stability
2. Sequestration Chlorine stability
3. Crystal growth modification

Applications:

Scale control for cooling water & boiler water treatment
Scale & corrosion control for oilfield water treatment
Bottle washing: prevent from scale, spotting and filming
Textile industries: stabilized peroxide, improve bleaching performance

Properties:

CAS Number:	2809-21-4
Appearance	colorless to pale yellow solution
Typical active content:	58-60%
Specific gravity at (20°C)	≥1.45
pH , 1% solution at 25°C	≤1.82
Iron, ppm	< 15
Chloride, %	< 0.18
Limiting viscosityd l/g (30°C):	38

Packing:

250kg per PE drum

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