



EcoWaterTech-P-206

**Hydroxy Ethylidene-1,1-Diphosphonic Acid
(HEDP)**

Chemical Name: 1-Hydroxy Ethylidene-1,1-Diphosphonic Acid (HEDP)
Brand Name: EcoWatertech P-206
CAS NO.: 2809-21-4
Chemical Formula: C₂H₈O₇P₂
Molecular Weight: 206.02

Application:

EcoWatertech P-206 is used as scale and corrosion inhibition in circulating cool water system, oil field and low-pressure boilers in fields such as electric power, chemical industry, metallurgy, fertilizer, etc. In light woven industry, it is used as detergent for metal and nonmetal. In dyeing industry, it is used as peroxide stabilizer and dye-fixing agent; in non-cyanide electroplating, it is used as chelating agent.

Technical Data Sheet

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| Appearance | Colorless or light yellow transparent liquid | White crystal powder |
| Active Content (HEDP) % | 58.0-62.0 | 89.0 min |
| Phosphorous Acid (as PO₃) % | 2.0 max | 0.5 max |
| Phosphoric Acid (as PQ₄³⁻) % | 0.8 max | 0.5 max |
| Chloride (as Cl⁻)% | 0.01 max | 0.01 max |
| pH (1% solution) | 2 max | 2 max |
| Density <20 c> g/cm³ | 1.40 | — |
| Fe ion ppm | 10 max | 20 max |
| Color APHA (Hazen) | 40 max | — |

Packing:

EcoWatertech P-206 Liquid: Normally In 250kg net Plastic Drum, IBC drum can also be used as required
EcoWatertech P-206 Solid: 25kg inner liner polyethylene (PE) bag, outer plastic woven bag, or confirmed by clients.