



Uniphos Chemicals

No. 8, Tonghai 2nd Road
Rudong, Nantong 226407, China

Tel.: +86-513-6990 8111 Fax: +86-513-6990 8155

XF-334SD (HEDP.Na4) Scale Inhibitor

XF-334SD, based on Sodium Salt of hydroxyl ethylidene (1-hydroxy ethylidene) diphosphonic acid, is noted for its excellent CaCO₃ scale inhibition. It is in powder form, ideal for solid grade formulations. Recommended applications of XF-334SD include cooling water treatment, boiler water treatment, I & I cleaners, swimming pool stain prevention, household cleaners, detergents and metal ion control.

Abbreviation	HEDP.Na ₄
Molecular Formula	C ₂ H ₄ O ₇ P ₂ Na ₄
Commercial Form	Powder
Molecular Weight	294
Chemical Name	Tetra sodium of (1-hydroxy ethylidene) diphosphonic acid
CAS Number	3794-83-0 (4-Na)

Typical Properties

Appearance	White crystalline powder
Active acid (as HEDP), %	>=60.00
Active salt (as HEDP.Na₄), %	>=85.00
P content (as PO₄³⁻), %	>=55
pH (1% solution) @ 25 °C	10.0 – 12.0
Iron, as Fe, ppm	35 max.

Packaging:

25 kg, plastic-woven bag