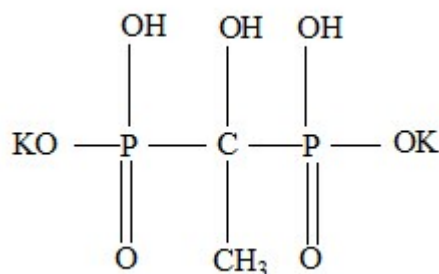


Potassium Salt of 1-Hydroxy Ethylidene-1,1-Diphosphonic Acid ($\text{HEDP}\cdot\text{K}_2$)

CAS No. 67953-76-8

Molecular Formula: $\text{C}_2\text{H}_6\text{O}_7\text{P}_2\text{K}_2$

Structural Formula:



Properties:

[\$\text{HEDP}\cdot\text{K}_2\$](#) is the potassium salt of [HEDP](#), [\$\text{HEDP}\cdot\text{K}_2\$](#) has better dissolution ability than that of sodium salt under neutral condition. [\$\text{HEDP}\cdot\text{K}_2\$](#) is a good scale inhibitor for calcium carbonate, it can be used in metal corrosion inhibitor, antifouling agent of swimming pool, metal cleaning, volume cleaning, iron dust controlling, metal pretreatment, low pressure boiler water treatment and circulating water treatment, etc.

Specification:

Items	Index
Appearance	Colorless to yellowish transparent liquid
Active content(HEDP), %	26.0-30.0
Total phosphoric acid (PO_4^{3-}), %	24.7-26.7
Fe, mg/L	20 max
Density (20°C), g/cm^3	1.30-1.40

pH (1% water solution)	6.0-8.0
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Package and Storage:

200L plastic drum,IBC(1000L),customers' requirement. Storage for ten months in shady room and dry place.

Synonyms:

(1-hydroxyethylidene)bisphosphonic acid;potassium salt

Keywords: [HEDP·K₂](#)

Related Products:

[Potassium Salt of 1-Hydroxy Ethylidene-1,1-Diphosphonic Acid](#)

[Tetra Sodium Salt of 1-Hydroxy Ethylidene-1,1-Diphosphonic Acid \(HEDP·Na₄\)](#)

[1-Hydroxy Ethylidene-1,1-Diphosphonic Acid \(HEDP\)](#)

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