

Potassium salt of 1-Hydroxy Ethylidene-1,1-Diphosphonic Acid



CAS No. 67953-76-8

Dequest 2014

Molecular Formula: $\text{C}_2\text{H}_{8-x}\text{O}_7\text{P}_2\text{K}_x$

Properties:

Dequest 2014 is the potassium salt of Dequest 2010, HEDP \cdot K_x has better dissolution ability than that of sodium salt under neutral condition. HEDP \cdot K_x 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 light yellow transparent liquid
Active component (HEDP) %	26.0-30.0
Total phosphoric acid (as PO_4^{3-}) %	24.7-26.7
Fe ppm	20max
Density (20°C) g/cm^3	1.30-1.40
pH value (1% water solution)	6.0-8.0

Package and Storage:

Normally In 250kg net Plastic Drum, IBC drum can also be used as required. Storage for ten months in room shady and dry place.