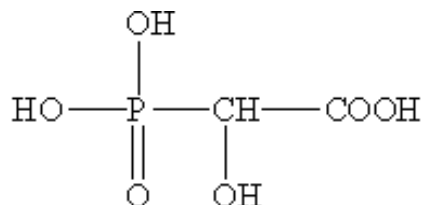


SolQuest® 575 2-Hydroxy Phosphonoacetic Acid (HPAA)

CAS NO.: 23783-26-8

Structural Formula:

Molecular Formula: C₂H₅O₆P



Physico-Chemical Properties:

Appearance	Dark amber liquid
Solid content %	50.0 min
Phosphorous acid (as PO ₃ ³⁻)%	1.5 max
Total Phosphoric acid (as PO ₄ ³⁻)%	25 min
PH(1% water solution)	3.0 max
Density (20°C) g/cm ³	1.30 min

General Information

HPAA is chemically stable, hard to be hydrolyzed, hard to be destroyed by acid or alkali, safety in use, no toxicity, no pollution. HPAA can improve zinc solubility. Its corrosion inhibition ability is 5-8 times better than that of HEDP and EDTMP. When built with low molecular polymers, its corrosion inhibition effect is even better.

HPAA is mainly used as cathode corrosion inhibitor in oilfield refill water system in fields such as steel & iron, petrochemical, power plant and medical industries. When built with zinc salt, the effect is even better..

Safety Protection

Acidity, Avoid contact with eye and skin, once contacted, flush with water.