



VINIPUL INORGANICS PVT. LTD.

(Formerly Known as AKASH PUROCHEM PVT. LTD.)

Vinipul Inorganics Pvt Ltd 1/3, Kandhari Colony, 2nd Road,
Chembur (E), Mumbai - 400071, Maharashtra, India
(An ISO 9001:2015 & 14001:2015 Certified Company)

CIN NO: U24200MH1986PTCO41136

HEDP Acid 60%



Specification No:- VIPL/SPEC/QC/HEDP/23/02	CAS No:- 2809-21-4
Molecular formula:- C ₂ H ₈ O ₇ P ₂	Mol. Wt.:- 206
Grade:- Industrial	Other Name:- 1-Hydroxy Ethylidene- 1, 1 Diphosphonic Acid

Parameters	Unit	Specified Value
Appearance	Visual observation	Clear, colourless to pale yellow liquid
Solubility in water	% w/v	Soluble in all proportions of water
pH of 1% solution in D/W	% w/w	Less than 2.0
Active content (HEDP)	% w/v	60.0 ± 2.0
Chloride (as Cl)	% w/w	0.015% max.
Iron (as Fe)	% w/w	0.0035% max.
Chelation Value (pH@11 ± 0.2)	Mg/gm	Min. 500 mg/gm of CaCO ₃ .
Specific gravity	gm/cc	1.40 – 1.50

***Storage:-** Keep in a tightly closed container, in dry & ventilated area, protect from any physical damage to packing.