



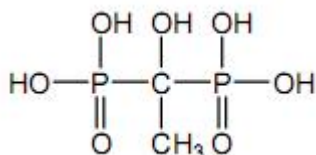
常州科益化工有限公司
CHANGZHOU KOYE CHEMICAL CO.,LTD.

RM 1116, 1117 ECO BUSINESS PLAZA, 66, EAST GUANHE ROAD, CHANGZHOU, JIANGSU, CHINA

PRODUCT DATA SHEET

HEDP

Synonyms	1-Hydroxy Ethylidene-1,1-Diphosphonic Acid;
CAS Number	2809-21-4
Einecs Number	220-552-8
UN No.	3265
Molecular Formula	C ₂ H ₈ N ₃ O ₇ P ₂
Molecular weight	206.02
Structural Formula	



Product Grade	Industrial
Description & Application	A scale and synergistic corrosion inhibitor for iron rust and mineral scale from pipes of cooling circulation water units and boilers; Metal chelate agent for color fixing and bleaching in textile; Complexing agent for electron plate and scale cleaning agent for metals.
Safety Protection	Acidity, avoid contact with eye and skin, once contacted, flush with water.
Specification	Active content (as acid)% : 58.0-62.0 Phosphorous acid(as PO ₃ ³⁻) %: ≤2.5 Phosphoric acid(as PO ₄ ³⁻)%: ≤0.7 Chloride (as Cl ⁻) %: ≤0.50 pH (1% solution) : ≤ 2.0 Density(20℃) g/cm ³ : 1.39 – 1.49 Calcium sequestration mg/g: ≥500 Appearance: colorless to pale yellow transparent liquid
Package	250L Drum, 1000L IBC or Bulk. Stored in cool and dry place.
Shelf Life	1 year.