



# Bhakti Chemicals Pvt Ltd

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## TECHNICAL DATA SHEET OF SEQUASOFT 270 (HEDP Disodium Salt)

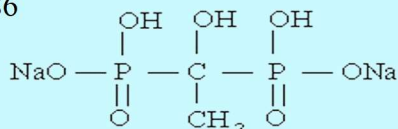
Chemical Name – Sequasoft 270 (HEDP Disodium Salt)

CAS No.: 29329-71-3

Molecular Formula: C<sub>2</sub>H<sub>6</sub>O<sub>7</sub>P<sub>2</sub>Na<sub>2</sub>

Molecular Weight : 286

Structural Formula:



### Specification:

Sequasoft 270 (HEDP Disodium Salt / HEDP 2Na)

Product Name	Sequasoft 270
Synonym	1-Hydroxyethylidene-1, 1- Diphosphonic Acid Disodium salt (Disodium salt of HEDP) (HEDP Na 2)
CAS No	29329-71-3
Appearance	White Fine Powder
pH	4.5 – 5.5
Molecular Formulae	C <sub>2</sub> H <sub>6</sub> O <sub>7</sub> P <sub>2</sub> Na <sub>2</sub>
Molecular Weight	286
Chelation Value	270
Active Acid Content % (Assay)	34 % Min
Active Salt Content	95%

### Uses / Application of Disodium Salt of HEDP

It is widely used in circulating cool water system, medium and low pressure boiler, oil field water pipelines as scale and corrosion inhibitor in fields such as electric power, chemical industry, metallurgy, fertilizer, etc. In light woven industry, It is also used as detergent for metal and nonmetal. In dyeing industry. It is used as peroxide stabilizer and dye-fixing agent; In non-cyanide electroplating.

### Package and Storage:

Packed in 25 Kg HDPE Bags / stored in cool, dark, ventilated and dry place