

Tetra Sodium Salt of 1-Hydroxy Ethylidene-1,1- Diphosphonic Acid (HEDP•Na₄ Granule)

Synonyms: Tetrasodium Etidronate

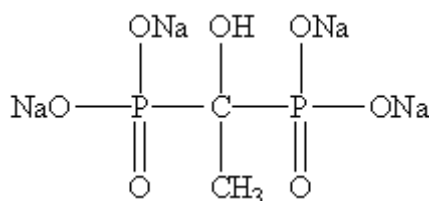
CAS No. :3794-83-0

EINECS No.: 223-267-7

Molecular Formula: C₂H₄O₇P₂Na₄

Molecular weight: 294

Structural Formula:



Properties:

[HEDP•Na₄](#) is even granule with excellent fluidity, low dust content, low hygroscopicity and easy handling properties.

[HEDP•Na₄](#) is a powerful chelating agent. As a household cleaning agent and industrial cleaner auxiliary, HEDP•Na₄ can stabilize metal ions in water and enhance effect of decontamination under high pH washing condition.

[HEDP•Na₄](#) can be used in cosmetics and personal care to restrain rancidity and discoloration.

[HEDP•Na₄](#) can be used as slow-release scale corrosion inhibitor after being compressed into tablets with other auxiliaries. HEDP•Na₄ works as oxygen bleaching stabilizer in dyeing and paper making industry.

Specification:

Items	Index
Appearance	White granule
Active content (HEDP), %	57.0-63.0
Active content (HEDP•Na ₄), %	81.0-90.0
Moisture, %	10.0 max
Particle Size Distribution(≤250μm), %	4.0 max
Particle Size Distribution(≤800μm), %	5.0 max
Bulk(20°C), g/cm ³	0.70-1.10
PH (1% water solution)	11.0-12.0
Fe, mg/L	20.0 max

Usage:

The dosage of HEDP•Na₄ is around 1.0-5.0% when used as chelating agent in cleaning industry. It works better when combined with polyacrylate sodium, copolymer of maleic and acrylic acid.

Package and Storage:

The packing of HEDP•Na₄ granule is film lined kraft valve bag, with net weight 25kg/ bag, 1000kg/ tonnage bag, or as per customer's request. Storage for one year in shady room and dry place.

Safety Protection:

HEDP•Na₄ is alkaline, pay attention to labor protection during operation. Avoid contacting with eye and skin, once contacted, flush with water and then seek medical advice.

Contact Us

TEL: +86-632-3671188

E-mail: export@krchemical.com

Website: kairuiwater.com | krwater.com | krwater.net

ADD: No.1, Fujian South Road, Xuecheng Chemical Industrial Park, Xuecheng District,
Zaozhuang City, Shandong Province, China