



KOR PH 4

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|--------------------------|--|
| CHEMICAL NAME | 1 Hydroxy ethylidene- 1,1 diphosphonic Acid Sodium Salt (HEDP Acid Sodium Salt) |
| Molecular Formula | C ₂ H ₃ Na ₄ O ₇ P ₂ |
| CAS No | 3794-83-0 |
| Einecs No | 223-267-7 |
| Reach Number | 01-2119647955-23-0012 |

PRODUCT FEATURES

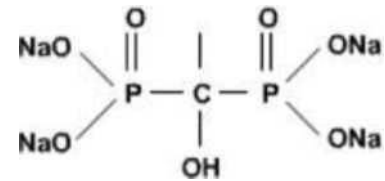
- ✓ The product an Organophosphoric acid corrosion inhibitor.
- ✓ Excellent CaCO₃ scale inhibition and chlorine stability.
- ✓ It can chelate Fe, Cu and Zn ions.
- ✓ Built together with other water treatment chemicals, product performs good synergistic performance.
- ✓ Product is hard to be decomposed under normal light and heat conditions.

USE AREA

- ✓ Cooling water treatment
- ✓ Boiler treatment
- ✓ Metal ion Control
- ✓ Paper Industry
- ✓ Acid cleaning
- ✓ Cosmetics

HEDP Sodium Salt

STRUCTURE



PHYSICAL PROPERTIES

| | |
|--|-------------------------------|
| Active Content% | 21 +/- 1,0% |
| Boiling Point, °C | Approx. 100 °C |
| Melting /freezing pt., °C | Approx. -5 °C |
| Flash Point, °C | > 100 °C |
| Specific Gravity @20°C,g/cm³ | 1,26 - 1,34 |
| pH (%1) | 10,0 - 12,0 |
| Color Apha | Max. 50 |
| Iron (Fe), mg/kg | Max. 25 |
| Appearance | Colorless- Pale Yellow liquid |

SAFETY

Not classified as a dangerous good under transport regulations.

PACKAGE

Container, Drum and IBC

STORAGE

Material should be kept cool and dry for best results

MKS DevO Chemicals

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