

# CODEX<sup>®</sup> DS



## PHYSICAL PROPERTIES

Chemical name	:	1-Hydroxyethylidene-1,1-diphosphonic acid.disodium salt; Etidronic acid.disodium salt
CAS No.	:	7414-83-7
Molecular structure	:	$\left[ \begin{array}{c} \text{OH} \quad \text{OH} \quad \text{OH} \\   \quad   \quad   \\ \text{HO} - \text{P} - \text{C} - \text{P} - \text{OH} \\    \quad   \quad    \\ \text{O} \quad \text{CH}_2 \quad \text{O} \end{array} \right] \cdot 2\text{Na}$
Molecular formula	:	C <sub>2</sub> H <sub>6</sub> O <sub>7</sub> P <sub>2</sub> 2Na
Abbreviation	:	HEDP.2Na
Appearance	:	White powder
Molecular weight	:	250

## SPECIFICATIONS

pH of 1% solution at 25°C	:	5.0 - 6.0
Active acid content, %	:	79 - 81
Active salt content, %	:	95 - 98
Chloride content as Cl, %	:	0.10 Max
Iron content as Fe, ppm	:	100 Max.

## PACKAGING

Unit pack	:	25 kg paper bag, 50kg in fibreboard drum or bags Packing, UN approved for ocean carriage
Quantity per 20 feet FCL	:	16 MT
UN No.	:	3261
IMCO class	:	8
Packing Group	:	II

## APPLICATIONS

Oilfields, Dyes, Soaps, etc.

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