

# CODEX<sup>®</sup> 7101



## PHYSICAL PROPERTIES

Chemical name	:	1-Hydroxyethylidene-1,1-diphosphonic acid.tetrasodium salt
CAS No.	:	3794-83-0
Molecular structure	:	$\left[ \begin{array}{c} \text{OH} \quad \text{OH} \quad \text{OH} \\   \quad   \quad   \\ \text{HO}-\text{P}-\text{C}-\text{P}-\text{OH} \\    \quad   \quad    \\ \text{O} \quad \text{CH}_3 \quad \text{O} \end{array} \right] \cdot 4\text{Na}$
Molecular formula	:	C <sub>2</sub> H <sub>4</sub> O <sub>7</sub> P <sub>2</sub> ·4Na
Abbreviation	:	HEDP.4Na
Appearance	:	Clear, colourless to pale yellow liquid
Molecular weight	:	294

## SPECIFICATIONS

Specific gravity at 25°C	:	1.300 ± 0.01
pH of 1% solution at 25°C	:	11 - 12
Active acid content, %	:	21 - 23
Active salt content, %	:	29 - 33
Chloride as Cl, %	:	0.10 Max.
Iron content as Fe, ppm	:	20 Max.

## PACKAGING

Unit pack	:	60kg HDPE carboy, 250 kg HMHD drum, ISO tanks, IBC Units, UN approved for ocean carriage
Quantity per 20 feet FCL	:	20 MT
UN No.	:	3267
IMCO class	:	8
Packing Group	:	III

## APPLICATIONS

Soaps & Detergents, Industrial & Institutional cleaners

All specifications and suggestions appearing in this bulletin concerning the use of our products are based upon tests and data believed to be reliable. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by **EXCEL INDUSTRIES LIMITED** as to the effects of such use or the results to be obtained.

For any further information refer our Material Safety Data Sheet.

CODEX<sup>®</sup> 7101



[www.excelind.co.in](http://www.excelind.co.in)