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M/S. BIMAL PHARMA PVT. LTD MUMBAI (INDIA)	FINISHED PRODUCT INFORMATION
QUALITY CONTROL AND ASSURANCE	PRODUCT : EDTA DI SODIUM (DIHYDRATE) (LR GRADE)
MSDS No. BPPL 001 (Available on Request)	SPECIFICATION No. : FP 001 (Enclosed)

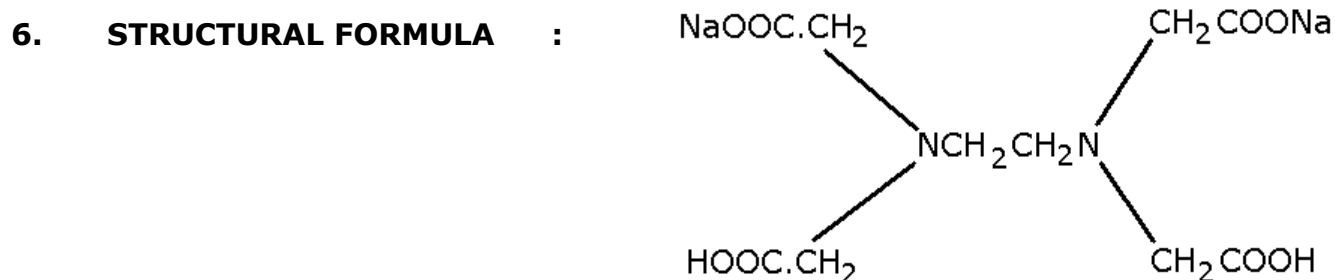
1. **NOMENCLATURE** : Edetate Di Sodium
: Ethylene Diamine Tetra Acetic Acid
: Di Sodium Salt.

2. **CAS NO.** : 6381-92-6

3. **HSN CODE** : 29224990

4. **EMPIRICAL FORMULA** : $C_{10}H_{14}N_2Na_2O_8, 2H_2O$

5. **MOL. WT.** : 372.24 (Dihydrate)



7. **PHYSICAL PROPERTIES**

MELTING RANGE : 250°C –253°C
(With Decomposition)

BULK DENSITY : 0.65 gm/cm³ – 0.70 gm/cm³

8. **APPLICATION** : As a Lab. Reagent

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1. **DESCRIPTION** : Pure White Sparkling Crystalline Material.
: Slightly bitter in taste.
: Free Flowing.
2. **PURITY (ASSAY)** : Minimum 99.0%
3. **WATER CONTENT (By K.F.)** : 8.7% - 11.4% w/w
4. **NITRILO TRIACETIC ACID (NTA) (By HPLC)** : 0.05% maximum
(Limit : 0.1% Maximum)
5. **CALCIUM** : Absent
6. **HEAVY METALS (As Pb):** Not more than 10 ppm (0.001%)
7. **IRON (Fe)** : Not more than 5 ppm (0.0005%)
8. **CHLORIDES (CL)** : Not more than 300 ppm (0.03%)
9. **SULPHATES (SO₄)** : Not more than 100 ppm (0.01%)
10. **COPPER (Cu)** : Not more than 2.5 ppm (0.00025%)
11. **ARSENIC (As)** : Not more than 1 ppm (0.0001%)
12. **PH (5% w/v Solution)** : 4.30 to 5.30

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- 13. SOLUBILITY** : Soluble in 10 parts of water
: Insoluble in Chloroform & Ether
- 14. COLOUR & CLARITY** : 5% w/w solution in CO₂ – free water is clear
and Colourless.
- 15. PACKING** : 25 Kgs. Round Fibre Drum / 25 kgs HDPE Drum
With double LDPE Liners.