

Material Safety Data Sheet (MSDS) for E.D.T.A. Di Sodium Salt (Ethylenediaminetetraacetic acid disodium salt)

1. Identification

- Product Name: E.D.T.A. Di Sodium Salt
- Chemical Name: Ethylenediaminetetraacetic acid disodium salt
- CAS Number: 139-33-3
- Synonyms: EDTA Disodium, Disodium EDTA
- Company: Rawpharma Biz Private Limited
- Address: 1101, City Center - 2 Science City Road, Sola, Ahmedabad, Gujarat - 380060
- Emergency Contact: +91-79460 48549

2. Hazards Identification

- GHS Classification :
- Eye Irritation: Category 2A
- Acute Toxicity: Category 4 (Oral)
- Signal Word : Warning
- Hazard Statements :
- H302: Harmful if swallowed.
- H319: Causes serious eye irritation.
- Precautionary Statements :
- P264: Wash thoroughly after handling.
- P270: Do not eat, drink, or smoke when using this product.
- P280: Wear eye protection/face protection.
- P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do. Continue rinsing.

3. Composition/Information on Ingredients

- Chemical Name : Ethylenediaminetetraacetic acid disodium salt
- CAS Number : 139-33-3
- Concentration : 100%

4. First-Aid Measures

- Inhalation : Move to fresh air. If symptoms persist, seek medical attention.
- Skin Contact : Wash skin with plenty of soap and water. Remove contaminated clothing and wash before reuse.
- Eye Contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical attention.
- Ingestion : Rinse mouth. Do not induce vomiting. Seek medical attention if feeling unwell.

5. Fire-Fighting Measures

- Suitable Extinguishing Media : Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
- Specific Hazards Arising from the Chemical : In case of fire, hazardous decomposition products may be produced such as carbon oxides, nitrogen oxides.
- Protective Equipment and Precautions for Firefighters : Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

- Personal Precautions : Use personal protective equipment as required. Avoid dust formation. Avoid breathing dust.
- Environmental Precautions : Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
- Methods for Clean-up : Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and Storage

- Handling : Avoid contact with skin, eyes, and clothing. Use in a well-ventilated area. Do not breathe dust.
- Storage : Store in a cool, dry, and well-ventilated place. Keep container tightly closed. Store away from incompatible materials.

8. Exposure Controls/Personal Protection

- Exposure Limits : Not established.
- Engineering Controls : Ensure adequate ventilation, especially in confined areas.
- Personal Protective Equipment :
 - Eye/Face Protection : Safety glasses with side shields or goggles.
 - Skin Protection : Protective gloves.
 - Respiratory Protection : If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
- General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

9. Physical and Chemical Properties

- Appearance : White crystalline powder
- Odor : Odorless
- Odor Threshold : Not applicable
- pH : 4.0 - 5.0 (5% solution)
- Melting Point/Freezing Point : >300°C (decomposes)
- Initial Boiling Point and Boiling Range : Not applicable
- Flash Point : Not applicable
- Evaporation Rate : Not applicable
- Flammability (solid, gas) : Not flammable
- Upper/Lower Flammability or Explosive Limits : Not applicable
- Vapor Pressure : Not applicable
- Vapor Density : Not applicable
- Relative Density : Not determined
- Solubility : Soluble in water
- Partition Coefficient (n-octanol/water) : Not determined
- Auto-ignition Temperature : Not applicable
- Decomposition Temperature : Not determined
- Viscosity : Not applicable

10. Stability and Reactivity

- Reactivity : No hazardous reactions if stored and handled as indicated.
- Chemical Stability : Stable under recommended storage conditions.
- Possibility of Hazardous Reactions : No dangerous reactions known under conditions of normal use.
- Conditions to Avoid : Excessive heat, moisture.
- Incompatible Materials : Strong oxidizing agents.
- Hazardous Decomposition Products : Carbon oxides, nitrogen oxides.

11. Toxicological Information

- Acute Toxicity : Harmful if swallowed.
- Skin Corrosion/Irritation : May cause mild irritation.
- Serious Eye Damage/Eye Irritation : Causes serious eye irritation.
- Respiratory or Skin Sensitization : Not expected to be a sensitizer.
- Germ Cell Mutagenicity : Not classified.
- Carcinogenicity : Not classified.
- Reproductive Toxicity : Not classified.
- STOT-Single Exposure : Not classified.
- STOT-Repeated Exposure : Not classified.
- Aspiration Hazard : Not applicable.

12. Ecological Information

- Ecotoxicity : Not considered to be harmful to aquatic life.
- Persistence and Degradability : Biodegradable.
- Bioaccumulative Potential : No data available.
- Mobility in Soil : No data available.
- Other Adverse Effects : No data available.

13. Disposal Considerations

- Waste Treatment Methods : Dispose of in accordance with local, state, and federal regulations. Avoid release to the environment.

14. Transport Information

- DOT : Not regulated.
- IATA : Not regulated.
- IMDG : Not regulated.

15. Regulatory Information

- TSCA Inventory Status : Listed.
- SARA 302/304 : Not listed.
- SARA 311/312 : Acute Health Hazard.
- SARA 313 : Not listed.
- California Proposition 65 : Not listed.

16. Other Information

Website: info@rawpharmabiz.com

Contact: +91-79460 48549

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