SAFETY DATA SHEET: EDTA Tetrasodium Salt

1. IDENTIFICATION

Product Name: EDTA Tetrasodium Salt
Synonyms: Ethylenediaminetetraacetic acid tetrasodium salt; (Ethylenedinitrilo)tetraacetic acid tetrasodium; Tetrasodium EDTA
Formula and Formula Weight: C10H12N2O8Na4 2H2O  416.20
Integra numbers beginning with: E873.10
Recommended Use: Commercial/industrial use
Restrictions on Use: No information available

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2. HAZARDS IDENTIFICATION

OSHAPhysical State: Solid
Acute Toxicity - Oral: 4 Harmful if swallowed.
Eye Damage/Irritation: 1 Causes serious eye damage.
Signal Word: DANGER

Precautionary Statements
Prevention:
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear eye protection, face protection.

Response:
Rinse mouth. If swallowed: Call a poison center, doctor if you feel unwell.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center, doctor.

Disposal:
Dispose of contents, container in accordance with all governmental regulations.

Hazards Not Otherwise Classified: No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component: Ethylenediaminetetraacetic acid, tetrasodium salt dihydrate
Synonyms: EDTA tetrasodium salt; (Ethylenedinitrilo)tetraacetic acid tetrasodium; Tetrasodium EDTA
CAS #: 00064-02-8
% Weight: 100

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air.
Eye Contact: Flush eyes with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek immediate medical attention.
Skin Contact: Wash with soap and water. Seek medical attention if irritation develops.
Ingestion: Rinse mouth and give victim large quantities of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Additional notes: Symptoms and effects include eye burns or damage; skin, respiratory, gastrointestinal irritation.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: Fire conditions may liberate toxic and noxious fumes.
Hazardous combustion products: Oxides of nitrogen, oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into clean, dry disposal container.
Flush spill area with water.

7. HANDLING AND STORAGE

Storage and Handling: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed and
8. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White crystalline powder</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>11.3 (1% solution)</td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Initial Boiling Point and Boiling Range</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammable or Explosive Limits</td>
<td>Upper: Not available</td>
</tr>
<tr>
<td></td>
<td>Lower: Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>0.71 g/cc</td>
</tr>
<tr>
<td>Solubility</td>
<td>Approximately 50% by weight in water</td>
</tr>
<tr>
<td>Partition Coefficient n-octanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

10. STABILITY AND REACTIVITY

Reactivity: No information available
Stability: Stable
Possibility of Hazardous Reactions: Hazardous polymerization will not occur
Conditions to Avoid: None identified
Incompatibles: Incompatible with strong bases and strong oxidizers. Metals.
Decomposition Products: Oxides of nitrogen, oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Effects of Over Exposure:
Inhalation: Inhalation may irritate the nose, throat and upper respiratory tract.
Skin Contact: No irritation is likely upon brief contact. May be irritating after prolonged or repeated contact.
Eye Contact: May irritate or burn the eyes.
Ingestion: Low in toxicity, however, ingestion may irritate the gastrointestinal system.
Chronic Effects: No information available
Target Organs: No information available
Additional Effects: No information available
Reproductive Effects: No information available
Carcinogenicity: None identified

12. ECOLOGICAL INFORMATION

Aquatic Toxicity Data: No information available
Terrestrial Toxicity Data: No information available
16. OTHER INFORMATION

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***** END OF SDS *****