Material Safety Data Sheet

trans-1,2-Diaminocyclohexane-N,N,N',N'-Tetraacetic acid MSDS

Section 1: Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name: trans-1,2-Diaminocyclohexane-N,N,N',N'-Tetraacetic acid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog Codes: 10527</td>
</tr>
<tr>
<td>CAS#: 125572-95-4</td>
</tr>
<tr>
<td>RTECS: Not available</td>
</tr>
<tr>
<td>TSCA: Not applicable</td>
</tr>
<tr>
<td>Synonym: 1,2-Cyclohexanedinitrilotetraacetic acid,CDTA</td>
</tr>
<tr>
<td>Chemical Formula:</td>
</tr>
</tbody>
</table>

Contact Information:

Finar Limited
184-186/P, Chacharwadi Vasna,
Sarkhej-Bavla Highway,
Ta.: Sanand, Dist.: Ahmedabad,
Email: info@finarchemicals.com
Web: www.finarchemicals.com

Section 2: Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Composition: Name</th>
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</thead>
<tbody>
<tr>
<td>trans-1,2-Diaminocyclohexane-N,N,N',N'-Tetraacetic acid</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS #</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>125572-95-4</td>
<td>100%</td>
</tr>
</tbody>
</table>

Section 3: Hazards Identification

Potential Acute Health Effects: EYE CONTACT: can irritate the eyes. SKIN CONTACT: may give irritations to the skin. INGESTION: may cause nausea, vomiting and diarrhea. INHALATION: may irritate the mucous membranes.

Section 4: First Aid Measures

Eye Contact: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

Skin Contact: Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water.

Inhalation: Fresh air

Ingestion: Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Try to induce vomiting. To hospital.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Health 2
Fire 1
Reactivity 0
Personal Protection E
### Section 6: Accidental Release Measures

**Spill cleanup methods:**
Avoid generation and spreading of dust.

### Section 7: Handling and Storage

**Storage precautions:**
Store at moderate temperatures in dry, well-ventilated area.

### Section 8: Exposure Controls/Personal Protection

**Respirators** Wear respirator if there is dust formation.

**Protective gloves** For prolonged or repeated skin contact use suitable protective gloves.

**Eye protection** Use tight fitting goggles if dust is generated.

### Section 9: Physical and Chemical Properties

**Physical state and appearance:** Solid, Crystals or crystalline.

**Odor:** Odourless or no characteristic odour.

**Taste:** Not available.

**Molecular Weight:** 364.36 g/mole

**Color:** White

**pH (1% soln/water):** Not applicable.

**Boiling Point:** Not available.

**Melting Point:** >210°C

**Critical Temperature:** Not available.

**Specific Gravity:** Not available.

**Vapor Pressure:** Not applicable.

**Vapor Density:** Not available.

**Volatile:** Not available.

**Odor Threshold:** Not available.

**Water/Oil Dist. Coeff.:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** Not available.

**Solubility:** Slightly soluble in water.

### Section 10: Stability and Reactivity Data

**Stability:** Normally stable.

**Materials to avoid:** Strong oxidizing agents.

**Hazardous decomp. Products:** Toxic gases/vapours/fumes of: Nitrous gases (NOx).

### Section 11: Toxicological Information
**Eyes:** Irritation of eyes and mucous membranes

### Section 12: Ecological Information

**Bio accumulative potential:** No bioaccumulation expected.  
**Persistence and degradability:** The chemical is slowly, not readily biodegradable.  
**Acute fish toxicity:** Can cause acute death of fish and aquatic organisms

### Section 13: Disposal Considerations

**Waste Disposal:** Confirm disposal procedures with environmental engineer and local regulations

### Section 14: Transport Information

**DOT Classification:** Not a DOT controlled material (United States).  
**Identification:** Not applicable.  
**Special Provisions for Transport:** Not applicable.

### Section 15: Other Regulatory Information

**EC no.:** 236-308-9

### Section 16: Other Information

**References:** Not available.  
**Other Special Considerations:** Not available.  
**Created:** 10/06/2010  
**Last Updated:** 24/11/2012

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