# 1. Product Identification

**Product Code:** 2793  
**Product Description:** Cyanide Indicator Reagent  
**Manufactured By:** LaMotte Company  
802 Washington Avenue  
Chestertown, MD 21620

# 2. Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Hazard</th>
<th>CAS#/Name</th>
<th>%</th>
<th>PEL</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>7647-14-5 Sodium Chloride</td>
<td>35</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td>Yes</td>
<td>67-52-7 Barbituric Acid</td>
<td>15</td>
<td>N/E</td>
<td>N/E</td>
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<tr>
<td>Yes</td>
<td>464-05-1 Pyridinium Trifluoroacetate</td>
<td>50</td>
<td>N/E</td>
<td>N/E</td>
</tr>
</tbody>
</table>

# 3. Hazards Overview

**Primary Route Of Entry:** Eye Skin Inhalation  
Dust may irritate eyes, skin, respiratory tract.

**HMIS Hazard**  
Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least  
Health: 2  
Flammability: 0  
Reactivity: 0

**Carcinogenicity:** None:

**Other Health Related Comments:**  
See Section 11, Toxicity.
4. First Aid Measures

**Eye Contact:** Flush with water for 15 minutes. Consult physician.

**Skin Contact:** Rinse skin. Wash with soap and water.

**Ingestion:** Give plenty of water. Consult physician.

**Inhalation:** Remove to fresh air.

5. Fire Fighting Measures

**Flash Point (Method Used):** N/A

**LEL:** N/A

**UEL:** N/A

**Extinguishing Media:** Dry chemical, alcohol-resistant foam, CO2

**Special Fire Fighting Procedures:** N/A

**Unusual Fire & Explosion Hazard:** N/A

6. Accidental Release Measures


7. Handling & Storage

Store tightly closed in cool, dry ventilated area away from strong oxidizers.
8. Exposure Controls/Personal Protection

**Ventilation**
Normal

**Protection When Handling**
Eye Protection Gloves Lab Coat

**Work/Hygienic Practices:** Use with adequate ventilation. Avoid contact with skin or eyes. Wash after handling.

9. Physical & Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White Powder</td>
</tr>
<tr>
<td>Solubility In Water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Odor</td>
<td>Fishy</td>
</tr>
<tr>
<td>pH</td>
<td>3 (0.1g in 10mL water)</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/A</td>
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<tr>
<td>Boiling Point</td>
<td>N/A</td>
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<tr>
<td>Melting Point</td>
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</table>

10. Stability & Reactivity

**Stable:** Yes

**Conditions To Avoid:** Moisture

**Incompatibility (Materials To Avoid):** Strong oxidizers

**Hazardous Decomposition Products:** COx, NOx, HF

11. Toxicological Information

Product 2793 (dust) may cause irritation to eyes, skin, or respiratory tract. May cause allergic reaction.

**Target Organs:** Eyes Skin
12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Dissolve in water. Wash down drain with excess water. Dispose according to federal, state and local regulations.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Chemical Inventory Status</th>
<th>Hazard</th>
<th>USA</th>
<th>TSCA</th>
<th>Europe</th>
<th>--- Canada ---</th>
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<th>Japan</th>
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<td>67-52-7</td>
<td>Barbituric Acid</td>
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<td>464-05-1</td>
<td>Pyridinium Trifluoroacetate</td>
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<td>Yes</td>
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<td>No</td>
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</table>

Federal, State, & International Regulations

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>--- SARA 302 ---</th>
<th>--------- SARA 313 ---------</th>
<th>RCRA 261.33</th>
<th>TSCA 8(D)</th>
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</tr>
<tr>
<td>464-05-1</td>
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<td>Pyridinium Trifluoroacetate</td>
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### Ingredient List

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<tr>
<th>Ingredient</th>
<th>Acute</th>
<th>Chronic</th>
<th>Fire</th>
<th>Pressure</th>
<th>Reactivity</th>
<th>Hazchem Code</th>
<th>Poison Schedule</th>
<th>This MSDS Is WHMIS Compliant</th>
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<tbody>
<tr>
<td>7647-14-5 Sodium Chloride</td>
<td>Yes</td>
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<td>None Allocated</td>
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<td>67-52-7 Barbituric Acid</td>
<td>Yes</td>
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<td><strong>product 2793 as a whole</strong></td>
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<td>No</td>
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<td>No</td>
<td>No</td>
<td>None Allocated</td>
<td>None Allocated</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### 16. Other Information

Warning! This product contains barbituric acid, a chemical known to the state of California (USA) to cause birth defects or other reproductive harm.

**Prepared By:** IP, Regulatory Affairs Department  
**Revised:** 7/23/2007