# MATERIAL SAFETY DATA SHEET

LaMOTTE COMPANY  
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TELEPHONE # FOR INFORMATION 410-778-3100  
24 Hour Emergency Number (CHEM-TEL) 800-255-3924

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## 1. PRODUCT IDENTIFICATION

**Cyanide Buffer**  
**Code Nr.** 2850

## 2. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>NAME</th>
<th>CAS #</th>
<th>TSCA #</th>
<th>%</th>
<th>PEL</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### 3. NON-HAZARDOUS INGREDIENTS EXCEPT WATER (7732-18-5)

<table>
<thead>
<tr>
<th>NAME</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Phosphate Monobasic</td>
<td>7778-77-0</td>
<td>14.5</td>
</tr>
<tr>
<td>Potassium Phosphate Dibasic</td>
<td>7758-11-4</td>
<td>8.5</td>
</tr>
<tr>
<td>Magnesium Disodium CDTA</td>
<td>63451-33-2</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Water to 100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## 4. PHYSICAL DATA

- **Appearance:** Clear Colorless Liquid  
- **Solubility in Water:** Soluble  
- **Odor:** None  
- **Boiling Point:** Unknown  
- **Melt Point:** Unknown  
- **Vapor Pressure:** Unknown  
- **Vapor Density:** Unknown  
- **pH:** 6

## 5. FIRE AND EXPLOSION DATA

- **Flash Point (method used):** N/A  
- **Flammable Limit:** LEL: N/A  
- **UEL:** N/A  
- **Extinguishing Media:** Not a fire hazard  
- **HMS Hazard/Health:** 0  
- **Flammability:** 0  
- **Reactivity:** 0  
  - **Scale:** 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least  
- **Special Fire Fighting Procedures:** N/A  
- **Unusual Fire & Explosion Hazard:** N/A

## 6. REACTIVITY DATA

- Stable  
- **Incompatibility (Materials to avoid):** N/A  
- **Hazardous Decomposition Products:** N/A

## 7. HEALTH HAZARD DATA

- **Toxicity:** Non-toxic  
- **Primary Route of Entry:**  
  - Inhalation  
  - Ingestion  
  - Skin  
- **Carcinogenicity:**  
  - None  
  - OSHA  
  - JARC

- **Other Health Related Comments:** N/A

- **Target Organs:** N/A  
- **Signs and symptoms of exposure:** N/A  
- **Medical Condition Aggravated by Exposure:** N/A

## 8. EMERGENCY FIRST AID PROCEDURES

- **Eye Contact:** Flush with water for 15 minutes.  
- **Ingestion:** Give plenty of water. Consult a physician.  
- **Inhalation:** N/A  
- **Skin Contact:** Wash with soap and water.

## 9. SPILL AND DISPOSAL PROCEDURES

- **Spill and Leak:** Wash down drain with excess water.  
- **Disposal:** Dispose according to federal, state and local regulations.

## 10. PRECAUTIONARY MEASURES

- **In Handling:**  
  - Gloves  
  - Eye Protection  
  - Lab Coat  
- **Ventilation:**  
  - Normal  
  - Mechanical  
  - Respiratory Protection

- **Work/Hygienic Practices:** N/A

## 11. SPECIAL PRECAUTIONS

- **DATE:** 1/5/96  
- **The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide.**

- **This is a toxic chemical subject to reporting requirements of section 313 of EPCRA and 40CFR372.**