

**MATERIAL SAFETY DATA SHEET**  
LaMOTTE COMPANY  
PO BOX 329 - CHESTERTOWN - MARYLAND - 21620  
TELEPHONE # FOR INFORMATION 410-778-3100  
**24 Hour Emergency Number (CHEM-TEL) 800-255-3924**

**1. PRODUCT IDENTIFICATION**

**Cyanide Buffer**

*Code Nr.* **2850**

**2. HAZARDOUS INGREDIENTS**

NAME	CAS #	TSCA #	%	PEL	TLV
N/A					

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

NAME	CAS #	%
Potassium Phosphate Monobasic	7778-77-0	14.5
Potassium Phosphate Dibasic	7758-11-4	8.5
Magnesium Disodium CDTA	63451-33-2	<0.1
Water to 100%		

**4. PHYSICAL DATA**

<i>Appearance:</i> Clear Colorless Liquid			
<i>Solubility in Water:</i> Soluble	<i>Odor:</i> None	<i>Boiling Point:</i> Unknown	<i>Melt. Point:</i> Unknown
<i>Vapor Pressure:</i> Unknown	<i>Vapor Density:</i> Unknown	<i>pH:</i> 6	

**5. FIRE AND EXPLOSION DATA**

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

**6. REACTIVITY DATA**

<i>Stability:</i>	<i>Conditions to avoid:</i> Heat
<input checked="" type="checkbox"/> <i>Stable</i>	<i>Incompatibility (Materials to avoid):</i> N/A
<input type="checkbox"/> <i>Unstable</i>	<i>Hazardous Decomposition Products:</i> N/A

**7. HEALTH HAZARD DATA**

<i>Toxicity:</i> Non-toxic			
<i>Primary Route of Entry:</i>	<input type="checkbox"/> <i>Inhalation</i>	<input type="checkbox"/> <i>Skin</i>	<i>Carcinogenicity:</i> <input checked="" type="checkbox"/> <i>None</i> <input type="checkbox"/> <i>NTP</i>
	<input type="checkbox"/> <i>Ingestion</i>	<input checked="" type="checkbox"/> <i>N/A</i>	<input type="checkbox"/> <i>OSHA</i> <input type="checkbox"/> <i>IARC</i>
<i>Other Health Related Comments:</i>			
<i>Target Organs:</i> N/A			
<i>Signs and symptoms of exposure:</i> N/A			
<i>Medical Condition Aggravated by Exposure:</i> N/A			

**8. EMERGENCY FIRST AID PROCEDURES**

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

**9. SPILL AND DISPOSAL PROCEDURES**

<i>Spill and Leak:</i> Wash down drain with excess water.
<i>Disposal:</i> Dispose according to federal, state and local regulations.

**10. PRECAUTIONARY MEASURES**

<i>In Handling:</i> <input type="checkbox"/> <i>Gloves</i> <input checked="" type="checkbox"/> <i>Eve Protection</i> <input type="checkbox"/> <i>N/A</i> <input checked="" type="checkbox"/> <i>Other:</i> Lab Coat
<i>Ventilation</i> <input checked="" type="checkbox"/> <i>Normal</i> <input type="checkbox"/> <i>Mechanical</i> <input type="checkbox"/> <i>Respiratory Protection</i>
<i>Work/Hygienic Practices:</i> N/A

**11. SPECIAL PRECAUTIONS**

N/A
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**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.