

# MATERIAL SAFETY DATA SHEET

LaMOTTE COMPANY

P.O. BOX 329 - CHESTERTOWN, MARYLAND 21620

TELEPHONE # FOR INFORMATION 410 778-3100

24 HOUR EMERGENCY NUMBER (CHEM-TEL) 800-255-3924

---

## 1. PRODUCT IDENTIFICATION

**Product Code:** P-6368

**Product Description:** Copper Buffer B

---

## 2. HAZARDOUS INGREDIENTS

CAS#/Name	%	PEL	TLV
67-63-0 Isopropyl Alcohol	50	400 ppm	980 mg/cubic m

---

## 3. NON-HAZARDOUS INGREDIENTS

Name	CAS #	%
Bis-cyclohexanone oxaldihydrazone	370-81-0	0.4
Water to 100%		

---

## 4. PHYSICAL DATA

<b>Appearance:</b>	Colorless Clear Liquid	<b>Vapor Density:</b>	2.1(Air=1)
<b>Solubility In Water:</b>	Soluble	<b>Vapor Pressure:</b>	33 at 20 deg C
<b>Odor:</b>	Alcohol	<b>Boiling Point:</b>	82 deg C
<b>pH:</b>	N/A	<b>Melting Point:</b>	N/A

---

## 5. FIRE & EXPLOSION DATA

HMIS Hazard			Flammable Limit	
Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least			LEL: 2%	UEL: 12%
Health: 1	Flammability: 2	Reactivity: 0		

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

**Flash Point (Method Used):** ca.12 deg C-closedcup

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

**Unusual Fire & Explosion Hazard:** Vapors may flow along floor to ignition source and flash back.

**6. REACTIVITY DATA**

**Stable:** True

**Conditions To Avoid:** Heat, sources of ignition

**Incompatibility (Materials To Avoid):** Strong acids, strong oxidizers

**Hazardous Decomposition Products:** COx

---

**7. HEALTH HAZARD DATA**

**Toxicity: orl rat LD50:** orl rat LD50: 5840 mg/Kg for isopropyl alcohol

**Primary Route Of Entry:** Ingestion Inhalation Skin

**Carcinogenicity:** None

**Other Health Related Comments:**

**Target Organs:** Skin Eyes Central Nervous System

**Signs and Symptoms of Exposure:** Irritating to eyes, nose and skin. Inhalation causes dizziness, headache, drowsiness, difficult breathing.

---

**8. EMERGENCY FIRST AID PROCEDURES**

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

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

**Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen.

**Skin Contact:** Flush with water. Wash with soap and water.

---

**9. SPILL AND DISPOSAL PROCEDURES**

**Spill and Leak:** Eliminate all sources of ignition. Absorb on paper. Evaporate on iron pan in hood.

**Disposal:** Small quantity: Flush down drain with excess water. Large quantity: Atomize into an incinerator. Dispose according to federal, state and local regulations.

---

**10. PRECAUTIONARY MEASURES**

**In Handling:** Gloves Eye Protection Other

**Ventilation:** Mechanical

**Other:** Lab Coat

**Work/Hygienic Practices:** Use with adequate ventilation. Avoid contact with skin.

---

**11. SPECIAL PRECAUTIONS**

Do not use near heat or flame.

**Date:** 3/1/2004