

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

**Phenolphthalein Indicator
 (Oakite Indicator 26)**

Code Nr. **OKT-9696**

2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
† Isopropanol	67-63-0		>99	980 mg/cubic m	400 ppm
Phenolphthalein	77-09-8		<0.1	N/E	N/E

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

NAME	CAS #	%
N/A		

4. PHYSICAL DATA

Appearance: Clear Colorless Liquid
Solubility in Water: Soluble *Odor:* Alcohol *Boiling Point:* 83 deg. C *Melt. Point:* N/A
Vapor Pressure: 33mm @ 20 deg C *Vapor Density:* 2 (Air=1) *pH:* N/A

5. FIRE AND EXPLOSION DATA

Flash Point (method used) 12 deg C--closed cup *Flammable Limit: LEL:* 2% *UEL:* 12%
Extinguishing Media: Dry chemical, CO₂, or water spray
HMIS Hazard: Health - 2 Flammability - 3 Reactivity - 1 *Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least*
Special Fire Fighting Procedures:
 Firefighters wear self-contained breathing apparatus
Unusual Fire & Explosion Hazard:
 Vapors may travel distance to ignition source and flash back.

6. REACTIVITY DATA

Stability: Stable *Conditions to avoid:* Heat, sources of ignition
 Unstable *Incompatibility (Materials to avoid):*
 Contact with nitric acid or other strong oxidizers
Hazardous Decomposition Products: CO_x

7. HEALTH HAZARD DATA

Toxicity: orl rat LD50: 5840 mg/kg for isopropanol
Primary Route of Entry: Inhalation Skin *Carcinogenicity:* None NTP
 Ingestion N/A OSHA IARC
Other Health Related Comments:
 CA Prop.65 Warning: This product contains phenolphthalein, a chemical known to the state of Calif. to cause cancer.
Target Organs: Eyes, Lungs, Skin, Respiratory System Central Nervous System
Signs and symptoms of exposure:
 High vapor concentration may be irritating to eyes and lungs. May cause headaches, nausea, dizziness.
Medical Condition Aggravated by Exposure: N/A

8. EMERGENCY FIRST AID PROCEDURES

Eye Contact: Immediately flush with water for 15 minutes. Consult physician.
Ingestion: Do not induce vomiting. Drink 1 - 2 glasses of water. Call a doctor.
Inhalation:
 Remove to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult, give oxygen.
Skin Contact:
 Flush skin 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 fume 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 N/A Other: Lab Coat
Ventilation Normal Mechanical Respiratory Protection
Work/Hygienic Practices: Use with adequate ventilation and avoid contact with skin.

11. SPECIAL PRECAUTIONS

Do not use near heat or flame.

DATE: 4/9/99 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.