



MSDS

P.O. Box 329 - 802 Washington Avenue Chestertown, MD 21620 - USA

MATERIAL SAFETY DATA SHEET

TELEPHONE # FOR INFORMATION 410 778-3100

24 HOUR EMERGENCY NUMBER (CHEM-TEL): USA, Canada, Puerto Rico 800-255-3924;

Outside North American Continent 813-248-0585 (call Collect)

1. Product Identification

Product Code: 4821

Product Description: Phenolphthalein Indicator

Manufactured By: LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
	64-17-5 Ethyl Alcohol	57		
	67-56-1 Methyl Alcohol	3		
	77-09-8 Phenolphthalein	1		
	7732-18-5 Water	to 100%		

3. Hazards Overview

Primary Route Of Entry: Ingestion Inhalation Skin

Vapors and liquid harmful. Inhalation can cause headache, dizziness, nausea. May be irritating to eyes and skin. Harmful if swallowed: Ingestion may be fatal or cause blindness.

HMIS Hazard

Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least

Health: 1 Flammability: 2 Reactivity: 0

Carcinogenicity: Yes: NTP

Other Health Related Comments:

CA Prop.65 Warning: This product contains phenolphthalein, a chemical known to the state of Calif. to cause cancer.

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4. First Aid Measures

Eye Contact: Flush thoroughly with water. Contact physician.

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

Ingestion: Give plenty of water. Call a physician immediately.

Inhalation: Remove to fresh air.

5. Fire Fighting Measures

Flash Point (Method Used): 22 deg C-closed cup **LEL:** 3.3% **UEL:** 19%

Extinguishing Media: Dry chemical, CO₂, or water spray

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazard: Vapors may travel distance to ignition source and flash back.

6. Accidental Release Measures

Eliminate all sources of ignition. Absorb on paper. Evaporate on iron pan in hood.

7. Handling & Storage

Store in cool, dry, storage area away from incompatible materials.

8. Exposure Controls/Personal Protection

Ventilation

Mechanical

Protection When Handling

Gloves Eye Protection Lab Coat

Work/Hygenic Practices: Use with adequate ventilation and avoid contact with skin.

9. Physical & Chemical Properties

Appearance:	Clear Colorless Liquid	Vapor Density:	1.6(Air=1)
Solubility In Water:	Soluble	Vapor Pressure:	Unknown
Odor:	Alcohol	Boiling Point:	Unknown
pH:	N/A	Melting Point:	N/A

10. Stability & Reactivity

Stable:	Yes
Conditions To Avoid:	Heat, sources of ignition
Incompatibility (Materials To Avoid):	Contact with nitric acid or other strong oxidizers
Hazardous Decomposition Products:	COx

11. Toxicological Information

orl hmn LDLo: 1400 mg/kg, ethanol; 143 mg/kg, methanol

Target Organs: Central Nervous System

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

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

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA TSCA	Europe EC	--- Canada --- DSL NDSL	Australia	Japan
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Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			

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Ingredient	--- SARA 311/312 --- Hazard Categories				----- Australia -----		This MSDS Is WHMIS Compliant
	Acute	Chronic	Fire	Pressure	Reactivity	Hazchem Code	

product 4821
as a whole

16. Other Information

Do not use near heat or flame.

Prepared By: Regulatory Affairs Department

Revised: 7/11/2009
