



# 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:** 2258

**Product Description:** Phenolphthalein Indicator 0.5%

**Manufactured By:** LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

### 2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	64-17-5 Ethyl Alcohol	57	1900 mg/m <sup>3</sup>	1000 ppm
Yes	67-56-1 Methyl Alcohol	3	260 mg/m <sup>3</sup>	200 ppm
Yes	77-09-8 Phenolphthalein	0.5	None Established	None Established
No	7732-18-5 Water	to 100%	None Established	None Established

### 3. Hazards Overview

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

Poison! Danger! Flammable liquid & vapor! Harmful if swallowed, inhaled, or absorbed through skin. Ingestion may be fatal or cause blindness. Inhalation can cause headache, nausea. Affects central nervous system. May cause irritation to eyes and skin.

#### HMIS Hazard

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

Health: 2      Flammability: 3      Reactivity: 1

**Carcinogenicity:** Yes: NTP

#### **Other Health Related Comments:**

This product contains Phenolphthalein, a chemical known to the State of California to cause cancer.

The IARC has placed Phenolphthalien into the 2B classification. This means that Phenolphthalien is "reasonably anticipated to be a human carcinogen."

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#### **4. First Aid Measures**

**Eye Contact:** Flush thoroughly with water for 15 minutes while lifting upper and lower eyelids. If irritation persists, contact

**Skin Contact:** Flush with water for 15 minutes while removing affected clothing/shoes. If irritation persists, contact physician.  
Wash clothing prior to reuse.

**Ingestion:** Give large quantity of water. Call a physician immediately.

**Inhalation:** Remove to fresh air.

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#### **5. Fire Fighting Measures**

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

**Extinguishing Media:** Dry chemical, CO<sub>2</sub>, or water spray

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

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

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#### **6. Accidental Release Measures**

Ventilate area & eliminate all sources of ignition. Absorb spill on inert material, place into chemical waste container, and hold for proper disposal according to federal, state, and local regulations.

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#### **7. Handling & Storage**

Store in cool, dry place away from heat and incompatible materials. Do not use near heat or flame.

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## **8. Exposure Controls/Personal Protection**

### **Ventilation**

Mechanical

### **Protection When Handling**

Eye Protection Gloves Lab Coat

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

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## **9. Physical & Chemical Properties**

**Appearance:** Clear Colorless Liquid

**Solubility In Water:** Soluble

**Odor:** Alcohol

**pH:** N/A

**Vapor Density:** 1.6 (Air=1)

**Vapor Pressure:** ca. 40 mm Hg @ 20° C

**Boiling Point:** ca. 80° C

**Melting Point:** N/A

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## **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

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## **11. Toxicological Information**

**Target Organs:** Central Nervous System Skin

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**12. Ecological Information**

Information Not Yet Available

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**13. Disposal Considerations**

Dispose according to federal, state and local regulations.

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**14. Transportation Information**

**Proper Shipping Name:**

**DOT:** ETHANOL

**IATA:** ETHANOL

**Hazard Class/Div:**

**DOT:** 3

**IATA:** 3

**UN:** 1170

**Packing Group:** II

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**15. Regulatory Information**

**Chemical Inventory Status**

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	64-17-5 Ethanol	Yes	Yes	Yes	No	Yes	Yes
Yes	67-56-1 Methyl Alcohol	Yes	Yes	Yes	No	Yes	Yes
Yes	77-09-8 Phenolphthalein	Yes	Yes	Yes	No	Yes	Yes
No	7732-18-5 Distilled Water	Yes	Yes	Yes	No	Yes	Yes

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**Federal, State, & International Regulations**

<b>Ingredient</b>	<b>--- SARA 302 ---</b>		<b>----- SARA 313 -----</b>		<b>CERCLA</b>	<b>RCRA 261.33</b>	<b>TSCA 8(D)</b>
	<b>RQ</b>	<b>TPQ</b>	<b>Listed</b>	<b>Chemical Category</b>			
64-17-5 Ethanol	No	No	No	No	No	No	No
67-56-1 Methyl Alcohol	No	No	Yes	No	5000	U154	No
77-09-8 Phenolphthalein	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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--- SARA 311/312 ---

----- Australia -----

**Hazard Categories**

**Hazchem  
Code**

**Poison  
Schedule**

**This MSDS Is  
WHMIS Compliant**

**Ingredient**   **Acute**   **Chronic**   **Fire**   **Pressure**   **Reactivity**

64-17-5 Ethanol	Yes	Yes	Yes	No	No	None Allocated	None Allocated	
67-56-1 Methyl Alcohol	Yes	Yes	Yes	No	No	2PE	S6	
77-09-8 Phenolphthalein	Yes	Yes	No	No	No	None Allocated	None Allocated	
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated	

<b>product 2258 as a whole</b>	Yes	Yes	Yes	No	No	2[S]E	S5	Yes
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**16. Other Information**

Keep out of reach of children.

**Prepared By:** Regulatory Affairs Department

**Revised:** 6/17/2009

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