



Issuing Date 3/21/2013

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PHENOLPHTHALEIN TABLETS
Product Code(s) T-2246
Synonyms none
Recommended Use Test kit reagent. Industrial (not for food or food contact use). Laboratory chemicals.
Company LaMotte Company, Inc.
802 Washington Avenue
P.O. Box 329
Chestertown, MD 21620
USA
Emergency Telephone Number 24 Hour Emergency Number (CHEM-TEL):
USA, Canada, Puerto Rico 1-800-255-3924
Outside North American Continent (Call collect) 813-248-0585

2. HAZARDS IDENTIFICATION

Emergency Overview
Product dust may be irritating to eyes, skin and respiratory system
Large oral doses may cause gastrointestinal irritation
Appearance White **Physical State** Tablet, ~0.1g (100mg) **Odor** None

OSHA Regulatory Status While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Potential Health Effects

Acute Toxicity

Eyes May cause irritation.
Skin May cause irritation.
Inhalation May cause irritation of respiratory tract.
Ingestion May cause irritation. May cause gastrointestinal discomfort if consumed in extremely large amounts.

Chronic Effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Excipient	-	<1
Phenolphthalein	77-09-8	<1
Potassium chloride	7447-40-7	>98

LaMotte Company proprietary formulation under the State of New Jersey Trade Secret Protection Law, assigned the NJTSRN 80100291-5110p, and may be disclosed only in a medical emergency.

4. FIRST AID MEASURES

General Advice Show this safety data sheet to the doctor in attendance. Keep out of reach of children.

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists or develops, contact a physician.

Skin Contact Wash off with soap and plenty of water removing all contaminated clothes and shoes. If irritation develops or persists, consult physician.

Inhalation Move to fresh air.

Ingestion Drink plenty of water. Consult a physician.

Protection of First-aiders Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

5. FIRE-FIGHTING MEASURES

Flammable Properties Not a fire hazard.

Flash Point Not applicable

Suitable Extinguishing Media Dry chemical, CO₂, water spray or alcohol-resistant foam.

NFPA	Health Hazard 0	Flammability 0	Stability 0	Physical and Chemical Hazards -
HMIS	Health Hazard 1	Flammability 0	Stability 0	

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Avoid contact with skin, eyes, and clothing.

Methods for Containment Sweep up in a manner that does not disperse dust and shovel into suitable containers for disposal.

Methods for Cleaning Up After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Do not ingest. Do not eat, drink, or smoke when using this product.

Storage Keep container tightly closed in a dry and well-ventilated place. Protect from moisture. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Excipient	None Known	None Known	None Known
Phenolphthalein 77-09-8	None Known	None Known	None Known

Potassium chloride 7447-40-7	None Known	None Known	None Known
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Engineering Measures
Showers
Eyewash stations
Ventilation systems.

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields.
Skin and Body Protection Protective gloves.
Respiratory Protection None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White	Odor	None
Physical State	Tablet, ~0.1g (100mg)	pH	6 (1 tablet in 10mL of water)
Flash Point	Not applicable	Boiling Point/Range	No information available

Vapor Pressure	No information available	Vapor Density	No information available
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10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions. Stability decreases in the presence of moisture.

Incompatible Products Strong oxidizing agents. Strong acids.

Conditions to Avoid Moisture. Excessive heat.

Hazardous Decomposition Products Hazardous decomposition products formed under fire conditions - . Hydrogen chloride. Potassium Oxides.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Excipient	None Known	None Known	None Known
Phenolphthalein	None Known	None Known	None Known
Potassium chloride	2600 mg/kg (Rat)	None Known	None Known

Chronic Toxicity

Chemical Name	ACGIH	IARC	NTP	OSHA
Excipient	None Known	None Known	None Known	None Known
Phenolphthalein	None Known	Group 2B	Reasonably Anticipated	X
Potassium chloride	None Known	None Known	None Known	None Known

IARC: (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans
NTP: (National Toxicity Program)
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
OSHA: (Occupational Safety & Health Administration)
X - Present

Endocrine Disruptor Information

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Excipient	None Known	None Known	None Known
Phenolphthalein	Group III Chemical	None Known	None Known
Potassium chloride	None Known	None Known	None Known

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Excipient	None Known	None Known	None Known	None Known
Phenolphthalein	None Known	None Known	None Known	None Known
Potassium chloride	EC50 = 2500 mg/L 72 h	LC50= 2010 mg/L Lepomis macrochirus 96 h	None Known	EC50 = 825 mg/L 48 h
Chemical Name		Log Pow		
Excipient	None Known			
Phenolphthalein	None Known			
Potassium chloride	None Known			

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local regulations. Dispose of contents/container in accordance with local regulation.

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Excipient -	None Known	None Known	None Known	None Known
Phenolphthalein - 77-09-8	None Known	None Known	None Known	None Known
Potassium chloride - 7447-40-7	None Known	None Known	None Known	None Known

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION**International Inventories**

Component	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Excipient (<1)	XU	X	EINECS/ELINCS	6-902	X	KE-25266	X	X
Phenolphthalein 77-09-8 (<1)	Present	X	X	9-1152	X	KE-03234	X	X
Potassium chloride 7447-40-7 (>98)	Present	X	X	1-228	X	KE-29086	X	X

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Excipient		<1	None Known
Phenolphthalein	77-09-8	<1	None Known
Potassium chloride	7447-40-7	>98	None Known

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Excipient (<1)	None Known	None Known	None Known	None Known
Phenolphthalein 77-09-8 (<1)	None Known	None Known	None Known	None Known
Potassium chloride 7447-40-7 (>98)	None Known	None Known	None Known	None Known

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:.

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Excipient		<1	None Known	None Known	None Known	None Known
Phenolphthalein	77-09-8	<1	None Known	Group III	None Known	None Known
Potassium chloride	7447-40-7	>98	None Known	None Known	None Known	None Known

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Excipient	None Known	None Known
Phenolphthalein	None Known	None Known
Potassium chloride	None Known	None Known

U.S. State Regulations

California Proposition 65

WARNING! This product contains a chemical known to the State of California to cause cancer

Chemical Name	CAS-No	California Prop. 65
Excipient		None Known
Phenolphthalein	77-09-8	Carcinogen
Potassium chloride	7447-40-7	None Known

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Excipient	None Known	None Known	None Known	None Known	None Known
Phenolphthalein	None Known	None Known	None Known	None Known	None Known
Potassium chloride	None Known	None Known	None Known	None Known	None Known

International Regulations

Mexico - Grade

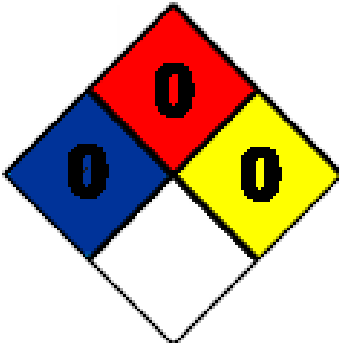

Chemical Name	Carcinogen Status	Exposure Limits

Excipient	None Known	None Known
Phenolphthalein	None Known	None Known
Potassium chloride	None Known	None Known

Canada

Component	WHMIS Hazard Class
Excipient (<1)	Not determined
Phenolphthalein 77-09-8 (<1)	Not determined
Potassium chloride 7447-40-7 (>98)	Uncontrolled product according to WHMIS classification criteria

16. OTHER INFORMATION

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Health Hazard</td> <td>1</td> </tr> <tr> <td>Fire Hazard</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	Health Hazard	1	Fire Hazard	0	Reactivity	0		
Health Hazard	1								
Fire Hazard	0								
Reactivity	0								

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Revision Date -
Revision Note Update to Format.
Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS