



Material Safety Data Sheet

Issuing Date 12/12/2012

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name CHLORINE TEST PAPERS

Product Code(s) 4250

Synonyms none

Recommended Use Industrial (not for food or food contact use). Test kit reagent for water testing.

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**

Appearance White test papers **Physical State** Test strip **Odor** Odorless

OSHA Regulatory Status This product is an article which contains a chemical substance. Safety information is given for exposure to the article as sold, but considers exposure to the chemical if user has direct eye and skin contact with the chemical.

Potential Health Effects**Acute Toxicity**

Eyes May cause irritation.

Skin Prolonged skin contact may defat the skin and produce dermatitis.

Inhalation Not an expected route of exposure.

Ingestion May cause gastrointestinal discomfort if consumed in large amounts.

Chronic Effects No known effect.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Surfactants	00000	<1
Polymers	0-0-0	<1
Indicators	0	<1
Buffers	0000	<1
Inert paper	00000000	>95

Ingredients not listed by name are proprietary to the LaMotte Company and may be disclosed only in a medical emergency.

4. FIRST AID MEASURES

General Advice	No hazards which require special first aid measures.
Eye Contact	Rinse thoroughly with water as necessary. If irritation persists or develops, contact a physician.
Skin Contact	Wash skin with soap and water. If skin irritation persists, call a physician.
Inhalation	Not expected to require first aid measures. Move to fresh air.
Ingestion	Consult a physician. DO NOT induce vomiting unless directed to do so by a physician or poison control center.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Combustible material. Paper.			
Flash Point	235°C (454°F) CC for the paper			
Suitable Extinguishing Media	Water spray, dry chemical, carbon dioxide (CO ₂), or foam.			
Explosion Data				
NFPA	Health Hazard 0	Flammability 0	Stability 0	Physical and Chemical Hazards -
HMIS	Health Hazard 1	Flammability 0	Stability 0	

6. ACCIDENTAL RELEASE MEASURES

Methods for Containment	Not applicable.
Methods for Cleaning Up	Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Prevent contact with skin, eyes, and clothing. Do not ingest. Do not eat, drink, or smoke when using this product.
Storage	Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Surfactants 00000	None Known	None Known	None Known
Polymers 0-0-0	None Known	None Known	None Known
Indicators 0	None Known	None Known	None Known
Buffers 0000	None Known	None Known	None Known
Inert paper 00000000	None Known	None Known	None Known

Engineering Measures None under normal use conditions.

Personal Protective Equipment

Eye/Face Protection	No special protective equipment required.
Skin and Body Protection	No special protective equipment required.
Hygiene Measures	Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White test papers	Odor	Odorless
Physical State	Test strip	pH	Not applicable
Flash Point	235°C (454°F) CC for the paper	Autoignition Temperature	Not applicable
Boiling Point/Range	Not applicable		

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of use and storage.
Incompatible Products	Strong reducing agents. Strong oxidizing agents. Alkalis.
Conditions to Avoid	Exposure to air or moisture over prolonged periods. Excessive heat.
Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
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Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Surfactants	None Known	None Known	None Known
Polymers	None Known	None Known	None Known
Indicators	None Known	None Known	None Known
Buffers	None Known	None Known	None Known
Inert paper	None Known	None Known	None Known

Chronic Toxicity

Chronic Toxicity	No known effect.
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Chemical Name	ACGIH	IARC	NTP	OSHA
Surfactants	None Known	None Known	None Known	None Known
Polymers	None Known	None Known	None Known	None Known
Indicators	None Known	None Known	None Known	None Known
Buffers	None Known	None Known	None Known	None Known
Inert paper	None Known	None Known	None Known	None Known

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Surfactants	None Known	None Known	None Known
Polymers	None Known	None Known	None Known
Indicators	None Known	None Known	None Known
Buffers	None Known	None Known	None Known
Inert paper	None Known	None Known	None Known

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Surfactants	None Known	None Known	None Known	None Known
Polymers	None Known	None Known	None Known	None Known
Indicators	None Known	None Known	None Known	None Known
Buffers	None Known	None Known	None Known	None Known
Inert paper	None Known	None Known	None Known	None Known

Persistence and Degradability No information available.

Bioaccumulation/Accumulation No information available.

Chemical Name	Log Pow
Surfactants	None Known
Polymers	None Known
Indicators	None Known
Buffers	None Known
Inert paper	None Known

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Chemical Name	Indicators - 0			
Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Surfactants - 00000	None Known	None Known	None Known	None Known
Polymers - 0-0-0	None Known	None Known	None Known	None Known
Indicators - 0	None Known	None Known	None Known	None Known
Buffers - 0000	None Known	None Known	None Known	None Known
Inert paper - 00000000	None Known	None Known	None Known	None Known
Chemical Name		California Hazardous Waste Status		
Indicators				

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
Surfactants 00000 (<1)	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS

Polymers 0-0-0 (<1)	TSCA	DSL	EINECS/ELIN CS	ENCS	IECSC	KECL	PICCS	AICS
Indicators 0 (<1)	TSCA	DSL	EINECS/ELIN CS	ENCS	IECSC	KECL	PICCS	AICS
Buffers 0000 (<1)	TSCA	DSL	EINECS/ELIN CS	ENCS	IECSC	KECL	PICCS	AICS
Inert paper 00000000 (>95)	TSCA	DSL	EINECS/ELIN CS	ENCS	IECSC	KECL	PICCS	AICS

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 %
Surfactants	00000	<1	None Known
Polymers	0-0-0	<1	None Known
Indicators	0	<1	None Known
Buffers	0000	<1	None Known
Inert paper	00000000	>95	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

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Surfactants 00000 (<1)	None Known	None Known	None Known	None Known
Polymers 0-0-0 (<1)	None Known	None Known	None Known	None Known
Indicators 0 (<1)	None Known	None Known	None Known	None Known
Buffers 0000 (<1)	None Known	None Known	None Known	None Known
Inert paper 00000000 (>95)	None Known	None Known	None Known	None Known

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

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Surfactants	00000	<1	None Known	None Known	None Known	None Known
Polymers	0-0-0	<1	None Known	None Known	None Known	None Known
Indicators	0	<1	None Known	None Known	None Known	None Known
Buffers	0000	<1	None Known	None Known	None Known	None Known
Inert paper	00000000	>95	None Known	None Known	None Known	None Known

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Surfactants	None Known	None Known
Polymers	None Known	None Known
Indicators	None Known	None Known

Buffers	None Known	None Known
Inert paper	None Known	None Known

U.S. State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

Chemical Name	CAS-No	California Prop. 65
Surfactants	00000	None Known
Polymers	0-0-0	None Known
Indicators	0	None Known
Buffers	0000	None Known
Inert paper	00000000	None Known

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Surfactants	None Known	None Known	None Known	None Known	None Known
Polymers	None Known	None Known	None Known	None Known	None Known
Indicators	None Known	None Known	None Known	None Known	None Known
Buffers	None Known	None Known	None Known	None Known	None Known
Inert paper	None Known	None Known	None Known	None Known	None Known

International Regulations**Mexico - Grade**

Minimum risk, Grade 0

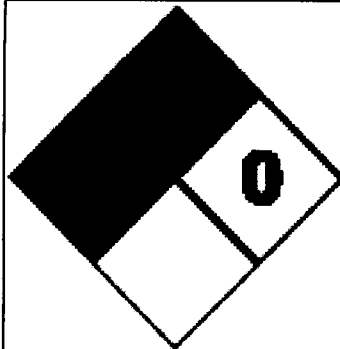
Chemical Name	Carcinogen Status	Exposure Limits
Surfactants	None Known	None Known
Polymers	None Known	None Known
Indicators	None Known	None Known
Buffers	None Known	None Known
Inert paper	None Known	None Known

Canada

Component	WHMIS Hazard Class
Surfactants 00000 (<1)	Not determined
Polymers 0-0-0 (<1)	Not determined
Indicators 0 (<1)	Not determined
Buffers 0000 (<1)	Not determined
Inert paper 00000000 (>95)	Not determined

Chemical Name	NPRI
Indicators	

16. OTHER INFORMATION

NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td></td><td>0</td></tr><tr><td></td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>		0		0	Reactivity	0		
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Prepared By

Regulatory Affairs Department

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12/12/2012

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Revision Note

Initial Release. 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