

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product name** Wide Range pH Test Strips

### Other means of identification

**Product Code(s)** 2974

### Recommended use of the chemical and restrictions on use

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

### Details of the supplier of the safety data sheet

**Manufacturer Address**  
LaMotte Company, Inc.  
802 Washington Avenue  
P.O. Box 329  
Chestertown, MD 21620 USA  
T 410-778-3100  
F 410-778-9748

### 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

### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### EMERGENCY OVERVIEW

<b>Appearance</b> White plastic strip with colored test pad	<b>Physical state</b> Test strip	<b>Odor</b> Odorless
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### **Precautionary Statements - Prevention**

Do not handle until all safety precautions have been read and understood. Keep container tightly closed. Keep out of reach of children.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Wash with plenty of soap and water.

Take off contaminated clothing and wash before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

IF SWALLOWED, Drink 1 or 2 glasses of water, Call a physician immediately

### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool.

### **Unknown Acute Toxicity**

100% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration are considered to be hazardous to health.

Chemical name	CAS No	Weight-%
Surfactants	00000	<1
Indicators	0	<1
Test Paper	00-00-00	>10
Plastic strip	000-000	>90

This product is exempt from the MSDS requirement since it is defined as an "article" per 29 CFR 1910.1200(b)(6)(v). "Article" means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.

### 4. FIRST AID MEASURES

#### First Aid Measures

<b>General advice</b>	No hazards which require special first aid measures.
<b>Eye contact</b>	Rinse thoroughly with water as necessary.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Inhalation</b>	Not Applicable.
<b>Ingestion</b>	Consult a physician. White plastic strip is indigestible, may cause gastrointestinal discomfort if many have been swallowed.

None known.

### 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

Water spray, dry chemical, carbon dioxide (CO<sub>2</sub>), or foam.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with eyes, skin and clothing.

#### Methods and material for containment and cleaning up

**Methods for containment** Not Applicable.

**Methods for cleaning up** Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

### 7. HANDLING AND STORAGE

**Precautions for safe handling**

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

**Conditions for safe storage, including any incompatibilities**

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

**Incompatible Products** Not Applicable.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Surfactants 00000	-	-	Not Established
Indicators 0	-	-	Not Established
Test Paper 00-00-00	-	-	Not Established
Plastic strip 000-000	-	-	Not Established

**Appropriate engineering controls**

**Engineering Measures** None under normal use conditions.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No special protective equipment required.

**Hygiene Measures** Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Test strip  
**Appearance** White plastic strip with colored test pad **Odor** Odorless

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>		No information available
<b>Melting point / freezing point</b>	No information available	
<b>Boiling point / boiling range</b>	No information available	
<b>Flash point</b>	No information available	
<b>Evaporation rate</b>		
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>	No information available	
<b>Lower flammability limit:</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Specific gravity</b>	No information available	
<b>Water solubility</b>	No information available	
<b>Solubility in other solvents</b>	No information available	

<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available

**Other Information**

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Density</b>	No information available
<b>Bulk density</b>	No information available

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable.
<b>Hazardous Reactions</b>	None under normal processing.
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Exposure to air or moisture over prolonged periods.
<b>Incompatible materials</b>	Not Applicable.
<b>Hazardous decomposition products</b>	None known.

**11. TOXICOLOGICAL INFORMATION**

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information

**Information on likely routes of exposure**

<b>Inhalation</b>	Not an expected route of exposure.
<b>Eye contact</b>	May cause temporary eye irritation.
<b>Skin contact</b>	Repeated exposure may cause skin dryness or cracking.
<b>Ingestion</b>	May cause gastrointestinal discomfort if consumed in large amounts. Plastic strip is indigestible.

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Surfactants 00000	Not Established	Not Established	Not Established
Indicators 0	Not Established	Not Established	Not Established
Test Paper 00-00-00	Not Established	Not Established	Not Established
Plastic strip 000-000	Not Established	Not Established	Not Established

**Information on toxicological effects**

Chemical name	ACGIH	IARC	NTP	OSHA
Surfactants 00000	Not Established	Not Established	Not Established	Not Established
Indicators 0	Not Established	Not Established	Not Established	Not Established
Test Paper 00-00-00	Not Established	Not Established	Not Established	Not Established
Plastic strip 000-000	Not Established	Not Established	Not Established	Not Established

**Chronic toxicity** No known effect.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Unknown Aquatic Toxicity** 100 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
Surfactants 00000	Not Established	Not Established	Not Established
Indicators 0	Not Established	Not Established	Not Established
Test Paper 00-00-00	Not Established	Not Established	Not Established
Plastic strip 000-000	Not Established	Not Established	Not Established

### Persistence and degradability

No information available.

### Bioaccumulation/Accumulation

No information available.

Chemical name	Log Pow
Surfactants 00000	Not Established
Indicators 0	Not Established
Test Paper 00-00-00	Not Established
Plastic strip 000-000	Not Established

## 13. DISPOSAL CONSIDERATIONS

### **Disposal Methods**

Dispose of waste product or used containers according to 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.

### **Contaminated packaging**

Do not reuse empty containers.

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Surfactants 00000	Not Established	-	Not Established	Not Established
Indicators 0	Not Established	-	Not Established	Not Established
Test Paper 00-00-00	Not Established	-	Not Established	Not Established
Plastic strip 000-000	Not Established	-	Not Established	Not Established

Chemical name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Surfactants 00000	Not Established	Not Established	Not Established	Not Established
Indicators 0	Not Established	Not Established	Not Established	Not Established
Test Paper 00-00-00	Not Established	Not Established	Not Established	Not Established
Plastic strip 000-000	Not Established	Not Established	Not Established	Not Established

Chemical name	California Hazardous Waste Status
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Surfactants 00000	-
Indicators 0	-
Test Paper 00-00-00	-
Plastic strip 000-000	-

#### 14. TRANSPORT INFORMATION

**DOT** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**RID** Not regulated

**ADR** Not regulated

#### 15. REGULATORY INFORMATION

##### **International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Does not comply

##### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

##### **US 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	SARA 313 - Threshold Values %
Surfactants 00000	Not Established
Indicators 0	Not Established
Test Paper 00-00-00	Not Established
Plastic strip 000-000	Not Established

##### **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

**CWA (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)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Surfactants 00000	Not Established	Not Established	Not Established	Not Established
Indicators 0	Not Established	Not Established	Not Established	Not Established
Test Paper 00-00-00	Not Established	Not Established	Not Established	Not Established
Plastic strip 000-000	Not Established	Not Established	Not Established	Not Established

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	RQ
Surfactants 00000	-	Not Established	-
Indicators 0	-	Not Established	-
Test Paper 00-00-00	-	Not Established	-
Plastic strip 000-000	-	Not Established	-

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

Chemical name	California Proposition 65
Surfactants 00000	Not Established
Indicators 0	Not Established
Test Paper 00-00-00	Not Established
Plastic strip 000-000	Not Established

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Surfactants 00000	Not Established	Not Established	Not Established
Indicators 0	Not Established	Not Established	Not Established
Test Paper 00-00-00	Not Established	Not Established	Not Established
Plastic strip 000-000	Not Established	Not Established	Not Established

**CPSC (Consumer Product Safety Commission) - Specially Regulated Substances**

Chemical name	CPSC (Consumer Product Safety Commission) - Specially Regulated

Indicators 0	Substances
<b>16. OTHER INFORMATION</b>	

**NFPA**                      Health hazard 0                      Flammability 0                      Instability 0                      Physical and Chemical Hazards N/A

**HMIS**



Health Hazard	0
Fire Hazard	0
Reactivity	0

Prepared by                      Regulatory Affairs Department  
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**Disclaimer**

The information provided on this SDS 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 Material Safety Data Sheet**