

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

**Product identifier****Product name** WIDE RANGE PH & TOTAL CHLORINE TEST STRIPS**Other means of identification****Product Code(s)** 2987**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. Use as a laboratory reagent.**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**

Keep out of the 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.

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

<b>Personal precautions</b>	Avoid contact with eyes, skin and clothing.
<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.

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

<b>Methods for containment</b>	Not Applicable.
<b>Methods for cleaning up</b>	Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

### 7. HANDLING AND STORAGE

#### Precautions for safe handling

<b>Handling</b>	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
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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

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>
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**pH** Not Applicable

**Melting point / freezing point** No information available

**Boiling point / boiling range** No information available

**Flash point** No information available

**Evaporation rate** No information available

**Flammability (solid, gas)** No information available

**Flammability Limit in Air**

**Upper flammability limit:** No information available

**Lower flammability limit:** No information available

**Vapor pressure** No information available

**Vapor density** No information available

**Specific gravity** No information available

**Water solubility** No information available

**Solubility in other solvents** No information available

**Partition coefficient** No information available

**Autoignition temperature** No information available

**Decomposition temperature** No information available

**Kinematic viscosity** No information available

**Dynamic viscosity** No information available

**Explosive properties** No information available

**Oxidizing properties** No information available

Other Information

**Softening point** No information available

Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

### 10. STABILITY AND REACTIVITY

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

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

**Component Information**

**Information on toxicological effects**

**Chronic toxicity** No known effect.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Persistence and degradability**

No information available.

**Bioaccumulation/Accumulation**

No information available.

### 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.

**14. TRANSPORT INFORMATION**

<u>DOT</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated

**15. REGULATORY INFORMATION**

International Inventories

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

Legend:

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

SARA 311/312 Hazard Categories

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	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)

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

**US State Regulations**

**California Proposition 65**

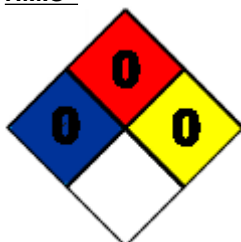
This product does not contain any Proposition 65 chemicals

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

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

**16. OTHER INFORMATION**

<u>NFPA</u>	Health hazard 0	Flammability 0	Instability 0	Physical and Chemical Hazards N/A
<u>HMIS</u>	Health hazard 0	Flammability 0	Stability 0	



Health Hazard	0
Fire Hazard	0
Reactivity	0

<b>Prepared by</b>	Regulatory Affairs Department
<b>Issuing Date</b>	Sep-14-2015
<b>Revision Date</b>	Sep-15-2015
<b>Reason for revision</b>	New US GHS format

**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**