

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier

Product name NITRATE/NITRITE TEST STRIPS

Other means of identification

Product Code(s) 2996

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

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 1910.122)

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

EMERGENCY OVERVIEW

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

Appearance White plastic strip with multiple test pads **Physical state** Test strip **Odor** Odorless

Unknown Aquatic Toxicity

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No	Weight %
Surfactants	00000	<1
Polymers	0-0-0	<1
Indicators	0	<1
Buffers	0000	<1

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

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

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray, dry chemical, carbon dioxide (CO₂), 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 the skin and the eyes.
Environmental precautions	See Section 12 for additional Ecological Information.

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.

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 ingest. 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. Protect from moisture. Keep out of the reach of children.
Incompatible Products	Not Applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Surfactants 00000	-	-	None Established
Polymers 0-0-0	-	-	None Established
Indicators 0	-	-	None Established
Buffers 0000	-	-	None 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.

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 multiple test pads	Odor	Odorless

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	N/A	
Melting point/freezing point	No information available	
Boiling Point/Range	No information available	
Flash point	No information available	
Evaporation rate		
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

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

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Surfactants 00000	None Established	None Established	None Established
Polymers 0-0-0	None Established	None Established	None Established
Indicators 0	None Established	None Established	None Established
Buffers 0000	None Established	None Established	None Established

Information on toxicological effects

Chemical name	ACGIH	IARC	NTP	OSHA
Surfactants 00000	-	None Established	None Established	-
Polymers 0-0-0	-	None Established	None Established	-
Indicators 0	-	None Established	None Established	-
Buffers 0000	-	None Established	None 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	None Established	None Established	None Established
Polymers 0-0-0	None Established	None Established	None Established
Indicators 0	None Established	None Established	None Established
Buffers 0000	None Established	None Established	None Established

Persistence and degradability

No information available.

Bioaccumulation/Accumulation

No information available.

Chemical name	Log Pow
Surfactants 00000	None Established
Polymers 0-0-0	None Established
Indicators 0	None Established
Buffers 0000	None Established

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.

Contaminated packaging

Do not re-use empty containers.

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Surfactants 00000	None Established	-	None Established	None Established
Polymers 0-0-0	None Established	-	None Established	None Established
Indicators 0	None Established	-	None Established	None Established
Buffers 0000	None Established	-	None Established	None Established

Chemical name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Surfactants 00000	None Established	None Established	None Established	None Established
Polymers 0-0-0	None Established	None Established	None Established	None Established
Indicators 0	None Established	None Established	None Established	None Established
Buffers 0000	None Established	None Established	None Established	None Established

Chemical name	California Hazardous Waste Status
Surfactants 00000	-
Polymers 0-0-0	-
Indicators 0	-
Buffers 0000	-

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

TSCA	Complies
DSL/NDL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

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 Commercial Chemical Substances/EU 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

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	SARA 313 - Threshold Values %
Surfactants 00000	None Established
Polymers 0-0-0	None Established
Indicators 0	None Established
Buffers 0000	None 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

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	None Established	None Established	None Established	None Established
Polymers 0-0-0	None Established	None Established	None Established	None Established
Indicators 0	None Established	None Established	None Established	None Established
Buffers 0000	None Established	None Established	None Established	None 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	-	None Established	-
Polymers 0-0-0	-	None Established	-
Indicators 0	-	None Established	-
Buffers 0000	-	None Established	-

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

This product does not contain any Proposition 65 chemicals

Chemical name	California Prop. 65
Surfactants 00000	None Established
Polymers 0-0-0	None Established
Indicators 0	None Established
Buffers 0000	None Established

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Surfactants 00000	None Established	None Established	None Established
Polymers 0-0-0	None Established	None Established	None Established
Indicators 0	None Established	None Established	None Established
Buffers 0000	None Established	None Established	None Established

16. OTHER INFORMATION

NFPA	Health hazard 0	Flammability 0	Instability 0	Physical and Chemical Hazards N/A Personal precautions N/A
HMIS	Health hazard 0	Flammability 0	Physical hazards 0	



Health Hazard	0
Fire Hazard	0
Reactivity	0

Prepared by Regulatory Affairs Department
Issuing Date Dec-11-2014
Revision Date Dec-12-2014
Reason for revision Update to 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 MSDS