

Issuing Date 12/4/2012

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Nitrate Test Strips
Product Code(s)	3012
Synonyms	none
Recommended Use	Laboratory chemicals. Industrial (not for food or food contact use). Test strip 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

May be harmful if swallowed

Appearance White plastic strip with colored test pad**Odor** Odorless**OSHA Regulatory Status**

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.

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
Organic acids	000000	<1
Metals and their compounds	RR-13341-5	<0.01
Buffers	0000	<1
Inert paper	00000000	<20
Plastic strip	00000000	>80

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4. 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

Flash Point	Not applicable			
Suitable Extinguishing Media	Water spray, dry chemical, carbon dioxide (CO ₂), or foam.			
Explosion Data				Physical and Chemical Hazards -
NFPA	Health Hazard 0	Flammability 0	Stability 0	
HMIS	Health Hazard 0	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.

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
Organic acids 000000	None Known	None Known	None Known
Metals and their compounds RR-13341-5	None Known	None Known	None Known
Buffers 0000	None Known	None Known	None Known
Inert paper 00000000	None Known	None Known	None Known
Plastic strip 00000000	None Known	None Known	None Known

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 plastic strip with colored test pad	Odor	Odorless
pH	Not applicable		
Flash Point	Not applicable	Autoignition Temperature	Not applicable
Boiling Point/Range	Not applicable		

10. STABILITY AND REACTIVITY

Stability	Stable.
Incompatible Products	Not applicable.
Conditions to Avoid	None known based on information supplied.
Hazardous Decomposition Products	None known.
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.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Surfactants	None Known	None Known	None Known
Polymers	None Known	None Known	None Known
Organic acids	None Known	None Known	None Known
Metals and their compounds	None Known	None Known	None Known
Buffers	None Known	None Known	None Known
Inert paper	None Known	None Known	None Known
Plastic strip	None Known	None Known	None Known

Chronic Toxicity**Chronic Toxicity**

No known effect.

Chemical Name	ACGIH	IARC	NTP	OSHA
Surfactants	None Known	None Known	None Known	None Known
Polymers	None Known	None Known	None Known	None Known
Organic acids	None Known	None Known	None Known	None Known
Metals and their compounds	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
Plastic strip	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
Organic acids	None Known	None Known	None Known
Metals and their compounds	None Known	None Known	None Known
Buffers	None Known	None Known	None Known
Inert paper	None Known	None Known	None Known
Plastic strip	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
Organic acids	None Known	None Known	None Known	None Known
Metals and their compounds	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
Plastic strip	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
Organic acids	None Known
Metals and their compounds	None Known
Buffers	None Known
Inert paper	None Known
Plastic strip	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	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
Organic acids - 000000	None Known	None Known	None Known	None Known
Metals and their compounds - RR-13341-5	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
Plastic strip - 00000000	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
Surfactants 00000 (<1)	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Polymers 0-0-0 (<1)	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Organic acids 000000 (<1)	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Metals and their compounds RR-13341-5 (<0.01)	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Buffers 0000 (<1)	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Inert paper 00000000 (<20)	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Plastic strip 00000000 (>80)	TSCA	DSL	EINECS/ELINCS	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
Organic acids	000000	<1	None Known
Metals and their compounds	RR-13341-5	<0.01	None Known
Buffers	0000	<1	None Known
Inert paper	00000000	<20	None Known
Plastic strip	00000000	>80	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
Organic acids 000000 (<1)	None Known	None Known	None Known	None Known
Metals and their compounds RR-13341-5 (<0.01)	None Known	None Known	None Known	None Known
Buffers 0000 (<1)	None Known	None Known	None Known	None Known
Inert paper 00000000 (<20)	None Known	None Known	None Known	None Known
Plastic strip 00000000 (>80)	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
Organic acids	000000	<1	None Known	None Known	None Known	None Known
Metals and their compounds	RR-13341-5	<0.01	None Known	None Known	None Known	None Known
Buffers	0000	<1	None Known	None Known	None Known	None Known
Inert paper	00000000	<20	None Known	None Known	None Known	None Known
Plastic strip	00000000	>80	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
Organic acids	None Known	None Known
Metals and their compounds	None Known	None Known
Buffers	None Known	None Known
Inert paper	None Known	None Known
Plastic strip	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
Organic acids	000000	None Known
Metals and their compounds	RR-13341-5	None Known
Buffers	0000	None Known
Inert paper	00000000	None Known
Plastic strip	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
Organic acids	None Known	None Known	None Known	None Known	None Known
Metals and their compounds	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
Plastic strip	None Known	None Known	None Known	None Known	None Known

International Regulations

Mexico - Grade

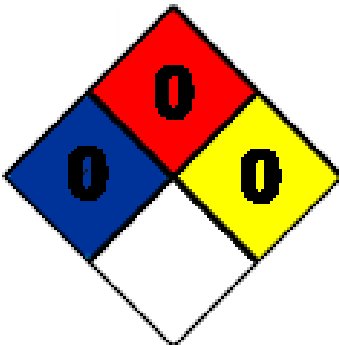
Minimum risk, Grade 0

Chemical Name	Carcinogen Status	Exposure Limits
Surfactants	None Known	None Known
Polymers	None Known	None Known
Organic acids	None Known	None Known
Metals and their compounds	None Known	None Known
Buffers	None Known	None Known
Inert paper	None Known	None Known
Plastic strip	None Known	None Known

Canada

Component	WHMIS Hazard Class
Surfactants 00000 (<1)	Not determined
Polymers 0-0-0 (<1)	Not determined
Organic acids 000000 (<1)	Not determined
Metals and their compounds RR-13341-5 (<0.01)	Not determined
Buffers 0000 (<1)	Not determined
Inert paper 00000000 (<20)	Not determined
Plastic strip 00000000 (>80)	Not determined

16. OTHER INFORMATION

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Health Hazard</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Fire Hazard</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Reactivity</td> <td style="text-align: center;">0</td> </tr> </table>	Health Hazard	0	Fire Hazard	0	Reactivity	0		
Health Hazard	0								
Fire Hazard	0								
Reactivity	0								

Prepared By
 Issuing Date
 Revision Date
 Revision Note

Regulatory Affairs Department
 12/4/2012
 -
 Initial Release.

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