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C34420

V# 051700



Issuing Date Jun-01-2015

Safety Data Sheet

Revision Number 0

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

Product identifier

Product name INSTA-TEST LOW RANGE PHOSPHATE TEST STRIPS

Other means of identification

Product Code(s) 3021

Recommended use of the chemical and restrictions on use

Recommended Use Laboratory chemicals. Industrial (not for food or food contact use). 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

Appearance White plastic strip with multiple test pads **Physical state** No information available **Odor** Odorless

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

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 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.
Incompatible Products	Not Applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Appropriate engineering controls

Engineering Measures Showers
 Eyewash stations
 Ventilation systems.

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	No information available		
Appearance	White plastic strip with multiple test pads	Odor	Odorless

Property	Values	Remarks • Method
pH		No information available
Melting point / freezing point	No information available	
Boiling point / boiling 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.
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Hazardous Reactions None under normal processing.
Hazardous polymerization Hazardous polymerization does not occur.
Conditions to avoid None known based on information supplied.
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

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

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	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

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)

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

NFPA	Health hazard 0	Flammability 0	Instability 0	Physical and Chemical Hazards N/A
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Health Hazard	0
Fire Hazard	0
Reactivity	0

Prepared by
Issuing Date
Revision Date
Reason for revision

Regulatory Affairs Department
Jun-01-2015
Sep-16-2015
No changes MSDS was reviewed per Canada request - Canada requires MSDS to be dated within 3 years of the request

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

Issuing Date Apr-29-2010

Revision Date Aug-06-2014

Revision Number 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name INSTA-TEST LOW RANGE PHOSPHATE TEST STRIPS

Product Code(s) 3021

Synonyms none

Recommended Use Laboratory chemicals. Industrial (not for food or food contact use).

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 multiple test pads**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 %
Polyacrylamide (Superfloc N-300 Flocculant)	000	1-2
Buffers	0000	1-2
Reducing agent/color development agent	0000000	1-2
Organic acids	000000	8-10
Inert paper	00000000	85-90

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

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.

NFPA	Health hazard 0	flammability 0	Stability 0	Physical and Chemical Hazards -
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. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical name	CAS-No	ACGIH TLV	OSHA PEL	NIOSH IDLH
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known	None known	None known
Buffers	0000	None known	None known	None known
Reducing agent/color development agent	0000000	None known	None known	None known

Organic acids	000000	None known	None known	None known
Inert paper	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 multiple test pads **Odor** Odorless
pH 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	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known	None known	None known
Buffers	0000	None known	None known	None known
Reducing agent/color development agent	0000000	None known	None known	None known
Organic acids	000000	None known	None known	None known
Inert paper	00000000	None known	None known	None known

Chronic toxicity No known effect

Carcinogenicity

Chemical name	CAS-No	ACGIH	IARC	NTP	OSHA
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known	None known	None known	None known
Buffers	0000	None known	None known	None known	None known
Reducing agent/color development agent	0000000	None known	None known	None known	None known
Organic acids	000000	None known	None known	None known	None known
Inert paper	00000000	None known	None known	None known	None known

Chemical name	CAS-No	EU - Endocrine Disrupters Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine disrupting potential
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known	None known	None known

Buffers	0000	None known	None known	None known
Reducing agent/color development agent	0000000	None known	None known	None known
Organic acids	000000	None known	None known	None known
Inert paper	00000000	None known	None known	None known

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	CAS-No	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known	None known	None known	None known
Buffers	0000	None known	None known	None known	None known
Reducing agent/color development agent	0000000	None known	None known	None known	None known
Organic acids	000000	None known	None known	None known	None known
Inert paper	00000000	None known	None known	None known	None known

Persistence and degradability No information available.

Bioaccumulation/Accumulation No information available.

Chemical name	CAS-No	Log Pow
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known
Buffers	0000	None known
Reducing agent/color development agent	0000000	None known
Organic acids	000000	None known
Inert paper	00000000	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	CAS-No	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known	None known	None known	None known
Buffers	0000	None known	None known	None known	None known
Reducing agent/color development agent	0000000	None known	None known	None known	None known
Organic acids	000000	None known	None known	None known	None known
Inert paper	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

Chemical name	CAS-No	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Polyacrylamide (Superfloc N-300 Flocculant)	000	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Buffers	0000	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Reducing agent/color development agent	0000000	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Organic acids	000000	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Inert paper	00000000	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 %
Polyacrylamide (Superfloc N-300 Flocculant)	000	1-2	None known
Buffers	0000	1-2	None known
Reducing agent/color development agent	0000000	1-2	None known
Organic acids	000000	8-10	None known
Inert paper	00000000	85-90	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).

Chemical name	CAS-No	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known	None known	None known	None known
Buffers	0000	None known	None known	None known	None known
Reducing agent/color development agent	0000000	None known	None known	None known	None known
Organic acids	000000	None known	None known	None known	None known
Inert paper	00000000	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
Polyacrylamide (Superfloc N-300 Flocculant)	000	1-2	None known	None known	None known	None known
Buffers	0000	1-2	None known	None known	None known	None known
Reducing agent/color development agent	0000000	1-2	None known	None known	None known	None known
Organic acids	000000	8-10	None known	None known	None known	None known
Inert paper	00000000	85-90	None known	None known	None known	None known

CERCLA

Chemical name	CAS-No	Hazardous Substances RQs	CERCLA/SARA RQ
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known	None known
Buffers	0000	None known	None known
Reducing agent/color development agent	0000000	None known	None known
Organic acids	000000	None known	None known
Inert paper	00000000	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
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known
Buffers	0000	None known
Reducing agent/color development agent	0000000	None known
Organic acids	000000	None known
Inert paper	00000000	None known

U.S. State Right-to-Know Regulations

Chemical name	CAS-No	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known	None known	None known	None known	None known
Buffers	0000	None known	None known	None known	None known	None known
Reducing agent/color development agent	0000000	None known	None known	None known	None known	None known
Organic acids	000000	None known	None known	None known	None known	None known
Inert paper	00000000	None known	None known	None known	None known	None known

International Regulations

Mexico - Grade

Minimum risk, Grade 0

Chemical name	CAS-No	Carcinogen Status	Exposure Limits
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known	None known
Buffers	0000	None known	None known
Reducing agent/color development agent	0000000	None known	None known
Organic acids	000000	None known	None known
Inert paper	00000000	None known	None known


Canada

Component	CAS-No	WHMIS Hazard Class
Polyacrylamide (Superfloc N-300 Flocculant) 000 (1-2)	000	Not Determined
Buffers 0000 (1-2)	0000	Not Determined
Reducing agent/color development agent 0000000 (1-2)	0000000	Not Determined
Organic acids 000000 (8-10)	000000	Not Determined
Inert paper 00000000 (85-90)	00000000	Not Determined

Chemical name	CAS-No	NPRI
Polyacrylamide (Superfloc N-300 Flocculant)	000	
Buffers	0000	
Reducing agent/color development agent	0000000	

Organic acids	000000	
Inert paper	00000000	

16. OTHER INFORMATION

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Health Hazard</td> <td>0</td> </tr> <tr> <td>Fire Hazard</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	Health Hazard	0	Fire Hazard	0	Reactivity	0		
Health Hazard	0								
Fire Hazard	0								
Reactivity	0								

Prepared by	Regulatory Affairs Department
Issuing Date	Apr-29-2010
Revision Date	Aug-06-2014
Revision note	No changes. MSDS was reviewed per Canada request - Canada requires MSDS to be dated within 3 years of the request.

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