



Issuing Date 4/29/2010

Revision Number 0

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 %
Buffers	0000	1-2
Polymers	000	1-2
Organic acids	000000	8-10
Reducing agent/color development agent	0000000	1-2
Inert Paper & Plastic Support	00000000	85-90

This article is not considered hazardous under the OSHA Hazardous Communication Standard, 29 CFR 1910.1200. This product is also exempt from the MSDS requirement since it is defined as an "article" per 29 CFR 1910.1200(b)(6)(v).

**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.

**5. FIRE-FIGHTING MEASURES**

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

**Explosion Data**

**NFPA**                      **Health Hazard** 0                      **Flammability** 0                      **Stability** 0                      **Physical and Chemical Hazards** -

**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	ACGIH TLV	OSHA PEL	NIOSH IDLH
Buffers 0000	None Established	None Established	None Established
Polymers 000	None Established	None Established	None Established
Organic acids 000000	None Established	None Established	None Established
Reducing agent/color development agent 0000000	None Established	None Established	None Established
Inert Paper & Plastic Support 00000000	None Established	None Established	None Established

**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**

<b>Appearance</b>	White plastic strip with multiple test pads.	<b>Odor</b>	Odorless
<b>pH</b>	Not applicable		

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable.
<b>Incompatible Products</b>	Not applicable.
<b>Conditions to Avoid</b>	None known based on information supplied.
<b>Hazardous Decomposition Products</b>	None known.
<b>Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	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
Buffers	None Established	None Established	None Established
Polymers	None Established	None Established	None Established
Organic acids	None Established	None Established	None Established
Reducing agent/color development agent	None Established	None Established	None Established
Inert Paper & Plastic Support	None Established	None Established	None Established

### Chronic Toxicity

**Chronic Toxicity** No known effect.

Chemical Name	ACGIH	IARC	NTP	OSHA
Buffers	None Established	None Established	None Established	None Established
Polymers	None Established	None Established	None Established	None Established
Organic acids	None Established	None Established	None Established	None Established
Reducing agent/color development agent	None Established	None Established	None Established	None Established
Inert Paper & Plastic Support	None Established	None Established	None Established	None Established

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Buffers	None Established	None Established	None Established
Polymers	None Established	None Established	None Established
Organic acids	None Established	None Established	None Established
Reducing agent/color development agent	None Established	None Established	None Established
Inert Paper & Plastic Support	None Established	None Established	None Established

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Buffers	None Established	None Established	None Established	None Established
Polymers	None Established	None Established	None Established	None Established
Organic acids	None Established	None Established	None Established	None Established
Reducing agent/color development agent	None Established	None Established	None Established	None Established
Inert Paper & Plastic Support	None Established	None Established	None Established	None Established

**Persistence and Degradability** No information available.

**Bioaccumulation/Accumulation** No information available.

Chemical Name	Log Pow
Buffers	None Established
Polymers	None Established
Organic acids	None Established
Reducing agent/color development agent	None Established
Inert Paper & Plastic Support	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.

Chemical Name
Buffers - 0000
Polymers - 000
Organic acids - 000000
Reducing agent/color development agent - 0000000
Inert Paper & Plastic Support - 00000000

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Buffers - 0000	None Established	None Established	None Established	None Established
Polymers - 000	None Established	None Established	None Established	None Established
Organic acids - 000000	None Established	None Established	None Established	None Established
Reducing agent/color development agent - 0000000	None Established	None Established	None Established	None Established
Inert Paper & Plastic Support - 00000000	None Established	None Established	None Established	None Established

**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
Buffers 0000 ( 1-2 )	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Polymers 000 ( 1-2 )	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Organic acids 000000 ( 8-10 )	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Reducing agent/color development agent 0000000 ( 1-2 )	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Inert Paper & Plastic Support 00000000 ( 85-90 )	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 %
Buffers	0000	1-2	None Established
Polymers	000	1-2	None Established
Organic acids	000000	8-10	None Established
Reducing agent/color development agent	0000000	1-2	None Established
Inert Paper & Plastic Support	00000000	85-90	None Established

**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

**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
Buffers 0000 ( 1-2 )	None Established	None Established	None Established	None Established
Polymers 000 ( 1-2 )	None Established	None Established	None Established	None Established
Organic acids 000000 ( 8-10 )	None Established	None Established	None Established	None Established
Reducing agent/color development agent 0000000 ( 1-2 )	None Established	None Established	None Established	None Established
Inert Paper & Plastic Support 00000000 ( 85-90 )	None Established	None Established	None Established	None Established

**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
Buffers	0000	1-2	None Established	None Established	None Established	None Established

Polymers	000	1-2	None Established	None Established	None Established	None Established
Organic acids	000000	8-10	None Established	None Established	None Established	None Established
Reducing agent/color development agent	0000000	1-2	None Established	None Established	None Established	None Established
Inert Paper & Plastic Support	00000000	85-90	None Established	None Established	None Established	None Established

**CERCLA**

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Buffers	None Established	None Established
Polymers	None Established	None Established
Organic acids	None Established	None Established
Reducing agent/color development agent	None Established	None Established
Inert Paper & Plastic Support	None Established	None Established

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

This product does not contain any Proposition 65 chemicals.

Chemical Name	CAS-No	California Prop. 65
Buffers	0000	None Established
Polymers	000	None Established
Organic acids	000000	None Established
Reducing agent/color development agent	0000000	None Established
Inert Paper & Plastic Support	00000000	None Established

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Buffers	None Established				
Polymers	None Established				
Organic acids	None Established				
Reducing agent/color development agent	None Established				
Inert Paper & Plastic Support	None Established				

**International Regulations****Mexico - Grade**

Minimum risk, Grade 0

Chemical Name	Carcinogen Status	Exposure Limits
Buffers	None Established	None Established
Polymers	None Established	None Established
Organic acids	None Established	None Established
Reducing agent/color development agent	None Established	None Established
Inert Paper & Plastic Support	None Established	None Established

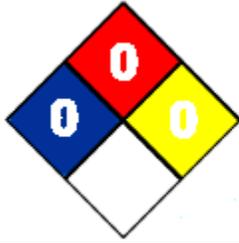
**Canada****WHMIS Hazard Class**

Non-controlled

## 16. OTHER INFORMATION

NFPA	HMIS	PPE	Transport Symbol
------	------	-----	------------------

Not regulated



Health Hazard	0
Fire Hazard	0
Reactivity	0

**Prepared By** Regulatory Affairs Department

**Issuing Date** 4/29/2010

**Revision Date**

**Revision Note** 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**