

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name</b>	<b>Alkalinity ColorQ Testab</b>
<b>Product Code(s)</b>	3882
<b>Synonyms</b>	none / ninguno / aucun
<b>Recommended Use</b>	Test kit reagent. Industrial (not for food or food contact use).
<b>Company</b>	LaMotte Company, Inc. 802 Washington Avenue P.O. Box 329 Chestertown, MD 21620 USA
<b>Emergency Telephone Number</b>	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 cause skin, eye, and respiratory tract irritation  
Large oral doses may cause gastrointestinal irritation

**Appearance** Tan**Physical State** Tablet**Odor** Odorless**Potential Health Effects****Principle Routes of Exposure**

Ingestion.

**Acute Toxicity****Eyes**

May cause irritation.

**Skin**

Substance may cause slight skin irritation.

**Inhalation**

Not an expected route of exposure. May cause irritation of respiratory tract.

**Ingestion**

May cause gastrointestinal discomfort if consumed in large amounts.

**Chronic Effects**

Product does not present a chronic toxicity hazard based on known or supplied information.

**Aggravated Medical Conditions**

None known.

**Interactions with Other Chemicals**

None known.

**Environmental Hazard**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight %
Borate(1-), tetraphenyl-, sodium	143-66-8	<0.01
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt	62625-32-5	<0.5
tableting aid	-	<0.5
PVSAK	-	<0.5
Sodium bisulfate	7681-38-1	<1
Polymer resin	-	1-10
Excipient	-	10-20
Chloride salt	-	>70

Ingredients not specifically listed by name are proprietary to the LaMotte Company, registered under the State of New Jersey Trade Secret protection law, assigned the NJTSRN#80100291-5104p, and may be disclosed only in a medical emergency.

### 4. FIRST AID MEASURES

<b>General Advice</b>	Do not get in eyes, on skin, or on clothing.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If irritation persists or develops, contact a physician.
<b>Skin Contact</b>	Wash off with warm water and soap. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Drink plenty of water. If gastrointestinal distress occurs contact physician.
<b>Protection of First-aiders</b>	Use personal protective equipment. See Section 8 for more detail. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not a fire hazard.			
<b>Flash Point</b>	Not applicable			
<b>Suitable Extinguishing Media</b>	Water spray, dry chemical, carbon dioxide (CO <sub>2</sub> ), or foam.			
<b>Explosion Data</b>				
<b>NFPA</b>	Health Hazard 0	Flammability 0	Stability 0	<b>Physical and Chemical Hazards</b> N/A
<b>HMIS</b>	Health Hazard 1	Flammability 0	Stability 0	

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Refer to Section 8.
<b>Methods for Containment</b>	Dispose according to local regulations, if permitted dissolve in water and rinse to drain.
<b>Methods for Cleaning Up</b>	After cleaning, flush away traces with water.

### 7. HANDLING AND STORAGE

**Handling** Handle in accordance with good industrial hygiene and safety practice. Do not ingest. Avoid contact with skin and eyes. Do not eat, drink, or smoke when using this product.

**Storage** Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep away from heat, moisture, and incompatibles.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Borate(1-), tetraphenyl-, sodium 143-66-8	None Known	None Known	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-yliden e)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt 62625-32-5	None Known	None Known	None Known
tableting aid	None Known	None Known	None Known
PVSAK	None Known	None Known	None Known
Sodium bisulfate 7681-38-1	None Known	None Known	None Known
Polymer resin	None Known	None Known	None Known
Excipient	None Known	None Known	None Known
Chloride salt	None Known	None Known	None Known

### Personal Protective Equipment

**Eye/Face Protection**

Safety glasses with side-shields.

**Skin and Body Protection**

Incidental contact/splash protection:.. Gloves & Lab Coat.

**Respiratory Protection**

None required under normal usage.

### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wash hands and face before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Tan	<b>Odor</b>	Odorless
<b>Physical State</b>	Tablet	<b>pH</b>	3.5 (1 tablet in 5mL of water)
<b>Flash Point</b>	Not applicable	<b>Boiling Point/Range</b>	Not applicable
<b>Freezing Point</b>	No information available		

<b>Water Solubility</b>	Soluble in water	<b>Vapor Pressure</b>	Not applicable
<b>Vapor Density</b>	No information available		

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable.
<b>Incompatible Products</b>	No materials to be especially mentioned.
<b>Conditions to Avoid</b>	Excessive heat. Moisture.
<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
Borate(1-), tetraphenyl-, sodium	288 mg/kg ( Rat )	None Known	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene) bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt	None Known	None Known	None Known
tableting aid	None Known	None Known	None Known
PVSAK	None Known	None Known	None Known
Sodium bisulfate	2490 mg/kg ( Rat )	None Known	None Known
Polymer resin	3200 mg/kg ( Rat )	None Known	None Known
Excipient	10 g/kg ( Rat )	None Known	None Known
Chloride salt	None Known	10 g/kg ( Rabbit )	42 g/m <sup>3</sup> ( Rat ) 1 h

**Chronic Toxicity****Chronic Toxicity**

Product does not present a chronic toxicity hazard based on known or supplied information.

Chemical Name	ACGIH	IARC	NTP	OSHA
Borate(1-), tetraphenyl-, sodium	None Known	None Known	None Known	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene) bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt	None Known	None Known	None Known	None Known
tableting aid	None Known	None Known	None Known	None Known
PVSAK	None Known	None Known	None Known	None Known
Sodium bisulfate	None Known	None Known	None Known	None Known
Polymer resin	None Known	None Known	None Known	None Known
Excipient	None Known	None Known	None Known	None Known
Chloride salt	None Known	None Known	None Known	None Known

**Endocrine Disruptor Information**

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Borate(1-), tetraphenyl-, sodium	None Known	None Known	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene) bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt	None Known	None Known	None Known
tableting aid	None Known	None Known	None Known
PVSAK	None Known	None Known	None Known
Sodium bisulfate	None Known	None Known	None Known
Polymer resin	None Known	None Known	None Known
Excipient	None Known	None Known	None Known
Chloride salt	None Known	None Known	None Known

## 12. ECOLOGICAL INFORMATION

## Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Borate(1-), tetraphenyl-, sodium	None Known	None Known	None Known	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt	None Known	None Known	None Known	None Known
tableting aid	None Known	None Known	None Known	None Known
PVSAK	None Known	None Known	None Known	None Known
Sodium bisulfate	None Known	None Known	None Known	EC50 = 190 mg/L 48 h
Polymer resin	None Known	None Known	None Known	None Known
Excipient	None Known	None Known	None Known	None Known
Chloride salt	None Known	LC50= 12946 mg/L Lepomis macrochirus 96 h LC50= 7650 mg/L Pimephales promelas 96 h LC50= 9675 mg/L Lepomis macrochirus 96 h	None Known	EC50 = 1000 mg/L 48 h

**Persistence and Degradability** No information available.

**Bioaccumulation/Accumulation** No information available.

Chemical Name	Log Pow
Borate(1-), tetraphenyl-, sodium	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt	None Known
tableting aid	None Known
PVSAK	None Known
Sodium bisulfate	None Known
Polymer resin	None Known
Excipient	None Known
Chloride salt	None Known

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method** Dispose of in accordance with local regulations.

**Contaminated Packaging** Dispose of in accordance with local regulations.

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Borate(1-), tetraphenyl-, sodium - 143-66-8	None Known	None Known	None Known	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt - 62625-32-5	None Known	None Known	None Known	None Known
tableting aid -	None Known	None Known	None Known	None Known
PVSAK -	None Known	None Known	None Known	None Known
Sodium bisulfate - 7681-38-1	None Known	None Known	None Known	None Known
Polymer resin -	None Known	None Known	None Known	None Known
Excipient -	None Known	None Known	None Known	None Known
Chloride salt -	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
Borate(1-), tetraphenyl-, sodium 143-66-8 (<0.01)	Present	X	X	3-2553	X	KE-31629	X	X
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt 62625-32-5 (<0.5)	Present	X	X	ENCS	IECSC	KECL	X	AICS
tableting aid (<0.5)	TSCA	DSL	X	ENCS	IECSC	KECL	PICCS	AICS
PVSAK (<0.5)	XU	DSL	EINECS/ELINCS	ENCS	X	KECL	PICCS	AICS
Sodium bisulfate 7681-38-1 (<1)	Present	X	X	1-83; 1-491; 1-501	X	KE-31481	X	X
Polymer resin (1-10)	Present	X	X	2-1272; 3-1272; 3-1342	X	KE-02310	X	X
Excipient (10-20)	Present	X	X	ENCS	X	KE-17416	X	X
Chloride salt (>70)	Present	X	X	1-236	X	KE-31387	X	X

**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 %
Borate(1-), tetraphenyl-, sodium	143-66-8	<0.01	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt	62625-32-5	<0.5	None Known
tableting aid		<0.5	None Known
PVSAK		<0.5	None Known
Sodium bisulfate	7681-38-1	<1	None Known
Polymer resin		1-10	None Known
Excipient		10-20	None Known
Chloride salt		>70	None Known

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** No  
**Chronic Health Hazard** No  
**Fire Hazard** No

**Sudden Release of Pressure Hazard**  
**Reactive Hazard**No  
No**Clean Water Act**

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Borate(1-), tetraphenyl-, sodium 143-66-8 (<0.01)	None Known	None Known	None Known	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene) bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt 62625-32-5 (<0.5)	None Known	None Known	None Known	None Known
tableting aid ( <0.5 )	None Known	None Known	None Known	None Known
PVSAK ( <0.5 )	None Known	None Known	None Known	None Known
Sodium bisulfate 7681-38-1 (<1)	None Known	None Known	None Known	None Known
Polymer resin ( 1-10 )	None Known	None Known	None Known	None Known
Excipient ( 10-20 )	None Known	None Known	None Known	None Known
Chloride salt ( >70 )	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 Depleters	Class 2 Ozone Depleters
Borate(1-), tetraphenyl-, sodium	143-66-8	<0.01	None Known	None Known	None Known	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt	62625-32-5	<0.5	None Known	None Known	None Known	None Known
tableting aid		<0.5	None Known	None Known	None Known	None Known
PVSAK		<0.5	None Known	None Known	None Known	None Known
Sodium bisulfate	7681-38-1	<1	None Known	None Known	None Known	None Known
Polymer resin		1-10	None Known	None Known	None Known	None Known
Excipient		10-20	None Known	None Known	None Known	None Known
Chloride salt		>70	None Known	None Known	None Known	None Known

**CERCLA**

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Borate(1-), tetraphenyl-, sodium	None Known	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt	None Known	None Known
tableting aid	None Known	None Known
PVSAK	None Known	None Known
Sodium bisulfate	None Known	None Known
Polymer resin	None Known	None Known
Excipient	None Known	None Known
Chloride salt	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
Borate(1-), tetraphenyl-, sodium	143-66-8	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt	62625-32-5	None Known
tableting aid		None Known
PVSAK		None Known
Sodium bisulfate	7681-38-1	None Known
Polymer resin		None Known
Excipient		None Known
Chloride salt		None Known

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Borate(1-), tetraphenyl-, sodium	None Known	None Known	None Known	None Known	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt	None Known	None Known	None Known	None Known	None Known
tableting aid	None Known	None Known	None Known	None Known	None Known
PVSAK	None Known	None Known	None Known	None Known	None Known
Sodium bisulfate	None Known	X	None Known	None Known	None Known
Polymer resin	None Known	None Known	None Known	None Known	None Known
Excipient	None Known	None Known	None Known	None Known	None Known
Chloride salt	None Known	None Known	None Known	None Known	None Known

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

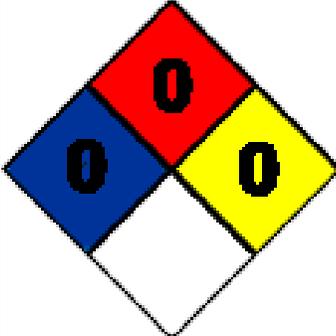
Chemical Name	Carcinogen Status	Exposure Limits
Borate(1-), tetraphenyl-, sodium	None Known	None Known
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt	None Known	None Known
tableting aid	None Known	None Known
PVSAK	None Known	None Known
Sodium bisulfate	None Known	None Known
Polymer resin	None Known	None Known
Excipient	None Known	None Known
Chloride salt	None Known	None Known

**Canada**

Component	WHMIS Hazard Class
Borate(1-), tetraphenyl-, sodium 143-66-8 (<0.01)	Not determined
Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt 62625-32-5 (<0.5)	Uncontrolled product according to WHMIS classification criteria
tableting aid ( <0.5 )	Not determined
PVSAK ( <0.5 )	Not determined
Sodium bisulfate 7681-38-1 (<1)	1 % E
Polymer resin ( 1-10 )	Uncontrolled product according to WHMIS classification criteria
Excipient ( 10-20 )	Uncontrolled product according to WHMIS classification criteria

Chloride salt ( >70 )	Uncontrolled product according to WHMIS classification criteria
--------------------------	---

16. OTHER INFORMATION

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #0000FF; color: white;">Health Hazard</td> <td style="text-align: center; font-weight: bold;">1</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Fire Hazard</td> <td style="text-align: center; font-weight: bold;">0</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center; font-weight: bold;">0</td> </tr> </table>	Health Hazard	1	Fire Hazard	0	Reactivity	0		
Health Hazard	1								
Fire Hazard	0								
Reactivity	0								

<b>Prepared By</b>	Regulatory Affairs Department
<b>Issuing Date</b>	9/19/2012
<b>Revision Date</b>	-
<b>Revision Note</b>	Initial Release.
<b>Disclaimer</b>	

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**