



## MATERIAL SAFETY DATA SHEET

Issuing Date 2/23/2012

Revision date 12-10-2013

Revision Number 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** Chlorine Spin Disk

**Product Code(s)** 4330, BG-4332

**Recommended Use** Article used in water testing device.

**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 cause slight irritation

The product contains no substances which in their current physical state are considered to be hazardous to health

**Appearance** opaque

**Physical state** Waterink Spin disk

**Odor** None

#### Potential health effects

**Principle Routes of Exposure** Eye Contact, Skin Contact.

#### Acute toxicity

##### Eyes

May cause irritation.

##### Skin

Not expected to be a health hazard from skin contact. May cause slight irritation.

##### Inhalation

Not an expected route of exposure. May cause irritation.

##### Ingestion

Not an expected route of exposure. May cause irritation.

#### Chronic effects

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No	Weight %
Dried reagents	-	<0.002
Stainless steel mixing beads	-	3
Spin disk	-	>96

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**

<b>General advice</b>	Do not get in eyes, on skin, or on clothing. Show this safety data sheet to the doctor in attendance.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If irritation persists or develops, contact a physician.
<b>Skin contact</b>	Wash off with warm water and soap. If irritation develops or persists, consult physician.
<b>Inhalation</b>	Move to fresh air. Not expected to require first aid measures.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. If symptoms persist or develop contact physician. Not an expected route of exposure.
<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>	Dry chemical, CO <sub>2</sub> , alcohol-resistant foam or water spray.

<b>NFPA</b>	<b>Health hazard</b> 0	<b>flammability</b> 0	<b>Stability</b> 0	<b>Physical and Chemical Hazards</b> -
<b>HMIS</b>	<b>Health hazard</b> 1	<b>flammability</b> 0	<b>Stability</b> 0	

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions</b>	Refer to Section 8. Use personal protective equipment. Avoid contact with skin, eyes, and clothing.
<b>Methods for containment</b>	Soak up with inert absorbent material, containerize, and hold for disposal. Dispose according to federal, state, and local regulations.
<b>Methods for cleaning up</b>	After cleaning, flush away traces with water.

**7. HANDLING AND STORAGE**

<b>Handling</b>	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.
<b>Storage</b>	Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep away from direct sunlight. Protect from moisture. Store at room temperature.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Chemical name</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
Dried reagents	None known	None known	None known

Stainless steel mixing beads	None known	None known	None known
Spin disk	None known	None known	None known

**Personal protective equipment****Eye/face Protection**

Safety glasses with side-shields.

**Skin and body protection**

Gloves &amp; Lab Coat.

**Respiratory protection**

Maintain adequate ventilation.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**

opaque

**Odor**

None

**Physical state**

Waterink Spin disk

**pH**

3.0 - 8.0

**Flash point**

Not Applicable

**Autoignition temperature**

Not Applicable

**solubility**

Dried reagents completely miscible

**Vapor pressure**

No information available

**Vapor density**

No information available

## 10. STABILITY AND REACTIVITY

**Stability**

Stable under normal conditions of use and storage.

**Conditions to avoid**

Exposure to air or moisture over prolonged periods. Excessive heat.

**Hazardous decomposition products** May emit small amounts of toxic fumes under fire conditions. Carbon oxides (COx).

**Hazardous polymerization**

Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Dried reagents	None known	None known	None known
Stainless steel mixing beads	None known	None known	None known
Spin disk	None known	None known	None known

**Chronic toxicity****Chronic toxicity**

None known.

Chemical name	ACGIH	IARC	NTP	OSHA
Dried reagents	None known	None known	None known	None known
Stainless steel mixing beads	None known	None known	None known	None known
Spin disk	None known	None known	None known	None known

Chemical name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine disrupting potential
Dried reagents	None known	None known	None known
Stainless steel mixing beads	None known	None known	None known
Spin disk	None known	None known	None known

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Dried reagents	None known	None known	None known	None known
Stainless steel mixing beads	None known	None known	None known	None known
Spin disk	None known	None known	None known	None known

**Persistence and degradability** Spin disk is not biodegradable.

Chemical name	Log Pow
Dried reagents	None known
Stainless steel mixing beads	None known
Spin disk	None known

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method**

Dispose of in accordance with local regulations. If permitted, reacted Spin Disks can be sent to landfill via sanitary trash.

Chemical name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Dried reagents -	None known	None known	None known	None known
Stainless steel mixing beads -	None known	None known	None known	None known
Spin disk -	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
Dried reagents (<0.002)	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Stainless steel mixing beads (3)	TSCA	DSL	EINECS/ELINCS	ENCS	X	KECL	PICCS	AICS
Spin disk (>96)	TSCA	DSL	EINECS/ELINCS	Present	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 %
Dried reagents		<0.002	None known
Stainless steel mixing beads		3	None known
Spin disk		>96	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
Dried reagents ( <0.002 )	None known	None known	None known	None known
Stainless steel mixing beads ( 3 )	None known	None known	None known	None known
Spin disk ( >96 )	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
Dried reagents		<0.002	None known	None known	None known	None known
Stainless steel mixing beads		3	None known	None known	None known	None known
Spin disk		>96	None known	None known	None known	None known

**CERCLA**

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ
Dried reagents	None known	None known
Stainless steel mixing beads	None known	None known
Spin disk	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
Dried reagents		None known
Stainless steel mixing beads		None known
Spin disk		None known

**U.S. State Right-to-Know Regulations**

Chemical name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Dried reagents	None known	None known	None known	None known	None known
Stainless steel mixing beads	None known	None known	None known	None known	None known
Spin disk	None known	None known	None known	None known	None known

**International Regulations**

**Mexico - Grade**

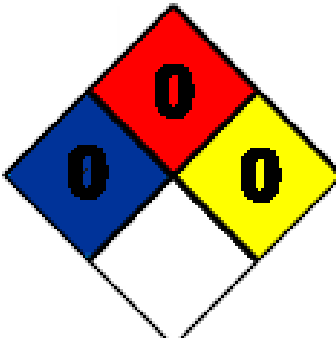

Chemical name	Carcinogen Status	Exposure Limits
Dried reagents	None known	None known
Stainless steel mixing beads	None known	None known
Spin disk	None known	None known

**CANADA**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

Component	WHMIS Hazard Class
Dried reagents ( <0.002 )	Not Determined
Stainless steel mixing beads ( 3 )	Not Determined
Spin disk ( >96 )	Not Determined

**16. OTHER INFORMATION**

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

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 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**