

Issuing Date 4/23/2012

Revision Number 0

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name**                      **Cyanuric Acid Instrument Grade Tablets**  
**Product Code(s)**                      6996  
**Synonyms**                                  none  
**Recommended Use**                      Test kit reagent. Industrial (not for food or food contact use). Laboratory chemicals.  
**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**

Product dust may be irritating to eyes, skin and respiratory system  
 Large oral doses may cause gastrointestinal irritation and circulatory problems

**Appearance** White

**Physical State** Tablet

**Odor** None

**Potential Health Effects**
**Acute Toxicity**
**Eyes**

Irritating to eyes.

**Skin**

May cause irritation.

**Inhalation**

May cause irritation of respiratory tract.

**Ingestion**

May cause irritation. May cause gastrointestinal discomfort if consumed in large amounts.

Ingestion of large quantities may cause gastrointestinal irritation and circulatory problems.

**Chronic Effects**
**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Magnesium stearate	557-04-0	<0.5
Melamine triamino-s-triazine	108-78-1	<1
Carbonate salt	-	20-30
Aliphatic carboxylic acid	-	20-30
Potassium chloride	7447-40-7	30-40

**4. FIRST AID MEASURES**

**General Advice**                                  Show this safety data sheet to the doctor in attendance. Keep out of reach of children.

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists or develops, contact a physician.
<b>Skin Contact</b>	Wash off with soap and plenty of water removing all contaminated clothes and shoes. If irritation develops or persists, consult physician.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. Consult a physician.
<b>Ingestion</b>	Drink plenty of water. Consult a physician.
<b>Protection of First-aiders</b>	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> , water spray or alcohol-resistant foam.			
<b>Explosion Data</b>				
<b>NFPA</b>	<b>Health Hazard 1</b>	<b>Flammability 0</b>	<b>Stability 0</b>	<b>Physical and Chemical Hazards -</b>
<b>HMIS</b>	<b>Health Hazard 1</b>	<b>Flammability 0</b>	<b>Stability 0</b>	

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin, eyes, and clothing. Use personal protective equipment. Avoid dust formation.
<b>Methods for Containment</b>	Sweep up in a manner that does not disperse dust and shovel into suitable containers for disposal.
<b>Methods for Cleaning Up</b>	If local regulations permit, dissolve and rinse to drain with excess water. After cleaning, flush away traces with water.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Do not ingest. Do not eat, drink, or smoke when using this product.
<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place. Protect from moisture. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Magnesium stearate 557-04-0	TWA: 10 mg/m <sup>3</sup>	None Known	None Known
Melamine triamino-s-triazine 108-78-1	None Known	None Known	None Known
Carbonate salt	None Known	None Known	None Known
Aliphatic carboxylic acid	TWA: 5 mg/m <sup>3</sup>	None Known	None Known
Potassium chloride 7447-40-7	None Known	None Known	None Known

**Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems.

**Personal Protective Equipment****Eye/Face Protection**

Safety glasses with side-shields.

**Skin and Body Protection**

Protective gloves.

**Respiratory Protection**

None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White	<b>Odor</b>	None
<b>Physical State</b>	Tablet	<b>pH</b>	6 (1 tablet in 10mL of water)
<b>Flash Point</b>	Not applicable	<b>Boiling Point/Range</b>	No information available

<b>Vapor Pressure</b>	No information available	<b>Vapor Density</b>	No information available
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## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable.
<b>Incompatible Products</b>	Strong oxidizing agents.
<b>Conditions to Avoid</b>	Moisture. Excessive heat.

**Hazardous Decomposition Products** Carbon oxides (COx). Potassium Oxides. Oxides of Chlorine.

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Magnesium stearate	None Known	None Known	None Known
Melamine triamino-s-triazine	3161 mg/kg ( Rat )	1000 mg/kg ( Rabbit )	None Known
Carbonate salt	4090 mg/kg ( Rat )	None Known	None Known
Aliphatic carboxylic acid	11 g/kg ( Rat )	None Known	None Known
Potassium chloride	2600 mg/kg ( Rat )	None Known	None Known

**Chronic Toxicity**

Chemical Name	ACGIH	IARC	NTP	OSHA
Magnesium stearate	None Known	None Known	None Known	None Known
Melamine triamino-s-triazine	None Known	None Known	None Known	None Known
Carbonate salt	None Known	None Known	None Known	None Known
Aliphatic carboxylic acid	None Known	None Known	None Known	None Known
Potassium chloride	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
Magnesium stearate	None Known	None Known	None Known
Melamine triamino-s-triazine	Group III Chemical	None Known	None Known

Carbonate salt	None Known	None Known	None Known
Aliphatic carboxylic acid	None Known	None Known	None Known
Potassium chloride	None Known	None Known	None Known

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Magnesium stearate	None Known	None Known	None Known	None Known
Melamine triamino-s-triazine	EC50 = 940 mg/L 96 h	LC50= 4400 mg/L <i>Poecilia reticulata</i> 96 h	EC50 > 10000 mg/L 30 min	EC50 > 2000 mg/L 48 h
Carbonate salt	EC50 = 242 mg/L 120 h	LC50= 300 mg/L <i>Lepomis macrochirus</i> 96 h	None Known	EC50 = 265 mg/L 48 h
Aliphatic carboxylic acid	EC50 = 26.6 mg/L 96 h EC50 = 31.3 mg/L 72 h	LC50= 230 mg/L <i>Leuciscus idus</i> 96 h	EC50 = 91.9 mg/L 17 h	EC50 = 85.7 mg/L 48 h
Potassium chloride	EC50 = 2500 mg/L 72 h	LC50= 2010 mg/L <i>Lepomis macrochirus</i> 96 h	None Known	EC50 = 825 mg/L 48 h

Chemical Name	Log Pow
Magnesium stearate	None Known
Melamine triamino-s-triazine	= 1.14 25 °C OECD Guideline 107
Carbonate salt	None Known
Aliphatic carboxylic acid	= 0.081 25 °C
Potassium chloride	None Known

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal Method

Dispose of in accordance with local regulations. Dispose of contents/container in accordance with local regulation.

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Magnesium stearate - 557-04-0	None Known	None Known	None Known	None Known
Melamine triamino-s-triazine - 108-78-1	None Known	None Known	None Known	None Known
Carbonate salt -	None Known	None Known	None Known	None Known
Aliphatic carboxylic acid -	None Known	None Known	None Known	None Known
Potassium chloride - 7447-40-7	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
Magnesium stearate 557-04-0 ( <0.5 )	Present	X	X	2-611	X	KE-26390	X	X
Melamine triamino-s-triazine 108-78-1 ( <1 )	Present	X	X	5-1024	X	KE-33989	X	X
Carbonate salt ( 20-30 )	Present	X	X	1-164	X	KE-31380	X	X
Aliphatic carboxylic acid ( 20-30 )	Present	X	X	2-858	X	KE-03754	X	X
Potassium chloride 7447-40-7 ( 30-40 )	Present	X	X	1-228	X	KE-29086	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 %
Magnesium stearate	557-04-0	<0.5	None Known
Melamine triamino-s-triazine	108-78-1	<1	None Known
Carbonate salt		20-30	None Known
Aliphatic carboxylic acid		20-30	None Known
Potassium chloride	7447-40-7	30-40	None Known

### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

### Clean Water Act

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Magnesium stearate 557-04-0 ( <0.5 )	None Known	None Known	None Known	None Known
Melamine triamino-s-triazine 108-78-1 ( <1 )	None Known	None Known	None Known	None Known
Carbonate salt ( 20-30 )	None Known	None Known	None Known	None Known
Aliphatic carboxylic acid ( 20-30 )	5000 lb	None Known	None Known	X
Potassium chloride 7447-40-7 ( 30-40 )	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 HAPs.

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Magnesium stearate	557-04-0	<0.5	None Known	None Known	None Known	None Known
Melamine triamino-s-triazine	108-78-1	<1	None Known	None Known	None Known	None Known
Carbonate salt		20-30	None Known	None Known	None Known	None Known

Aliphatic carboxylic acid		20-30	None Known	None Known	None Known	None Known
Potassium chloride	7447-40-7	30-40	None Known	None Known	None Known	None Known

**CERCLA**

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Magnesium stearate	None Known	None Known
Melamine triamino-s-triazine	None Known	None Known
Carbonate salt	None Known	None Known
Aliphatic carboxylic acid	5000 lb	None Known
Potassium chloride	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
Magnesium stearate	557-04-0	None Known
Melamine triamino-s-triazine	108-78-1	None Known
Carbonate salt		None Known
Aliphatic carboxylic acid		None Known
Potassium chloride	7447-40-7	None Known

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Magnesium stearate	None Known	None Known	None Known	None Known	None Known
Melamine triamino-s-triazine	X	X	X	None Known	None Known
Carbonate salt	None Known	None Known	None Known	None Known	None Known
Aliphatic carboxylic acid	X	X	X	None Known	X
Potassium chloride	None Known	None Known	None Known	None Known	None Known

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

Chemical Name	Carcinogen Status	Exposure Limits
Magnesium stearate	None Known	None Known
Melamine triamino-s-triazine	None Known	None Known
Carbonate salt	None Known	None Known
Aliphatic carboxylic acid	None Known	None Known
Potassium chloride	None Known	None Known

**Canada**

Component	WHMIS Hazard Class
Magnesium stearate 557-04-0 ( <0.5 )	Not determined
Melamine triamino-s-triazine 108-78-1 ( <1 )	1 % Uncontrolled product according to WHMIS classification criteria
Carbonate salt ( 20-30 )	1 % D2B E
Aliphatic carboxylic acid ( 20-30 )	1 %
Potassium chloride 7447-40-7 ( 30-40 )	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								

**Issuing Date** 4/23/2012  
**Revision Date** 30-Apr-2012  
**Revision Note**  
 Update to Format  
**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**