



Issuing Date 7/11/2013

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product name CYANURIC ACID TEST TABLET
Product Code(s) 6994
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
Excipient	-	20-30
Aliphatic carboxylic acid	-	20-30
Potassium chloride	7447-40-7	33

LaMotte Company proprietary formulation under the State of New Jersey Trade Secret Protection Law, assigned the NJTSRN 80100291-5030p, and may be disclosed only in a medical emergency.

4. FIRST AID MEASURES

General advice	Show this safety data sheet to the doctor in attendance. Keep out of reach of children.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists or develops, contact a physician.
Skin contact	Wash off with soap and plenty of water removing all contaminated clothes and shoes. If irritation develops or persists, consult physician.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. Consult a physician.
Ingestion	Drink plenty of water. Consult a physician.
Protection of First-aiders	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

Flammable properties	Not a fire hazard.
Flash point	Not Applicable
Suitable extinguishing media	Dry chemical, CO ₂ , water spray or alcohol-resistant foam.

NFPA	Health hazard 1	flammability 0	stability 0	Physical and Chemical Hazards -
HMIS	Health hazard 1	flammability 0	stability 0	

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Handling	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.
Storage	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 ³	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
Excipient	None known	None known	None known
Aliphatic carboxylic acid	TWA: 5 mg/m ³	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

Appearance	white	Odor	None
Physical state	tablet	pH	6 (1 tablet in 10mL of water)
Flash point	Not Applicable	Boiling Point/Range	No information available

Vapor pressure	No information available	Vapor density	No information available
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10. STABILITY AND REACTIVITY

stability	Stable.
Incompatible Products	Strong oxidizing agents.
Conditions to avoid	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
Excipient	10 g/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
Excipient	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
Excipient	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 Poecilia reticulata 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 Lepomis macrochirus 96 h	None known	EC50 = 265 mg/L 48 h
Excipient	None known	None known	None known	None known
Aliphatic carboxylic acid	EC50 = 26.6 mg/L 96 h EC50 = 31.3 mg/L 72 h	LC50= 230 mg/L Leuciscus idus 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 Lepomis macrochirus 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			
Excipient	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
Excipient -	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
Excipient (20-30)	Present	X	X	ENCS	X	KE-17416	X	X
Aliphatic carboxylic acid (20-30)	Present	X	X	2-858	X	KE-03754	X	X
Potassium chloride 7447-40-7 (33)	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
Excipient		20-30	None known
Aliphatic carboxylic acid		20-30	None known
Potassium chloride	7447-40-7	33	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
Excipient (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 (33)	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
Excipient		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	33	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
Excipient	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
Excipient		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
Excipient	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
Excipient	None known	None known
Aliphatic carboxylic acid	None known	None known
Potassium chloride	None known	None known

CANADA

LaMotte classifies as a Laboratory Supply House per section 10 and 17 of the CPR 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
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
Excipient (20-30)	Uncontrolled product according to WHMIS classification criteria
Aliphatic carboxylic acid (20-30)	1 %
Potassium chloride 7447-40-7 (33)	Uncontrolled product according to WHMIS classification criteria



16. OTHER INFORMATION

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Health Hazard</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Fire Hazard</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Reactivity</td> <td style="text-align: center;">0</td> </tr> </table>	Health Hazard	1	Fire Hazard	0	Reactivity	0		
Health Hazard	1								
Fire Hazard	0								
Reactivity	0								

Issuing Date 7/11/2013
Revision date -
Revision note Update to Format. 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