



Issuing Date 5/25/2012

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	NITRATE #2 CTA TABLETS
Product Code(s)	NN-3703
Synonyms	none / ninguno / aucun
Recommended Use	Laboratory chemicals. Test kit reagent.
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**

Appearance Gray	Large oral doses may cause gastrointestinal irritation	Odor Odorless
	Physical State Tablet	

OSHA Regulatory Status	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
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Potential Health Effects

Principle Routes of Exposure	Ingestion
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Acute Toxicity

Eyes	May cause irritation.
Skin	May cause irritation.
Inhalation	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.
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Interactions with Other Chemicals	None known.
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Environmental Hazard	No information available.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Zinc; Zinc Dust	7440-66-6	1
Trade Secret ingredients	TRADE SECRET	to 100%

LaMotte Company proprietary formulation under the State of New Jersey Trade Secret Protection Law and may be disclosed only in a medical emergency. 80100291-5067p.

4. FIRST AID MEASURES

General Advice	Do not get in eyes, on skin, or on clothing.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If irritation persists or develops, contact a physician.
Skin Contact	Wash off with warm water and soap. If skin irritation persists, call a physician.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and contact emergency personnel. Call a physician immediately.
Ingestion	Drink plenty of water. Clean mouth with water. Never give anything by mouth to an unconscious person. Consult a physician.
Protection of First-aiders	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

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Refer to Section 8.
Methods for Containment	Prevent dust cloud.
Methods for Cleaning Up	Avoid dust formation. Containerize spill material and hold for later disposal. If local regulations permit, dissolve with large volume of water, neutralize with alkaline material (sodium bicarbonate), then rinse to drain with excess water.

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.
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Storage Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep out of the reach of children. Keep away from direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Zinc; Zinc Dust 7440-66-6	None Known	None Known	None Known
Trade Secret ingredients TRADE SECRET	None Known	None Known	None Known

Personal Protective Equipment

Eye/Face Protection

Avoid contact with eyes. If splashes are likely to occur, wear: Safety glasses with side-shields.

Skin and Body Protection

No special protective equipment required.

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. Wear suitable gloves and eye/face protection. Wash hands and face before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Gray	Odor	Odorless
Physical State	Tablet	pH	
3.0			
Boiling Point/Range	No information available	Freezing Point	No information available
Explosion Limits	Not applicable		
Molecular Weight	No data available	Water Solubility	Soluble in water
Solubility	Soluble		

10. STABILITY AND REACTIVITY

Stability	Stable.
Incompatible Products	Nitric acid. Strong oxidizing agents.
Conditions to Avoid	Exposure to air or moisture over prolonged periods. Extremes of temperature and direct sunlight.
Hazardous Decomposition Products	Carbon oxides (COx). Nitrogen oxides (NOx). Sulfur oxides (SOx).
Hazardous Polymerization	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
Zinc; Zinc Dust	None Known	None Known	None Known
Trade Secret ingredients	None Known	None Known	None Known

Chronic Toxicity**Chronic Toxicity**

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

Chemical Name	ACGIH	IARC	NTP	OSHA
Zinc; Zinc Dust	None Known	None Known	None Known	None Known
Trade Secret ingredients	None Known	None Known	None Known	None Known

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Zinc; Zinc Dust	None Known	None Known	None Known
Trade Secret ingredients	None Known	None Known	None Known

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Zinc; Zinc Dust	EC50 = 30 µg/L 96 h	LC50= 6.4 mg/L Pimephales promelas 96 h	None Known	EC50 = 5 µg/L 72 h
Trade Secret ingredients	None Known	None Known	None Known	None Known

Chemical Name	Log Pow
Zinc; Zinc Dust	None Known
Trade Secret ingredients	None Known

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose according to federal, state, and local regulations. If permitted, dissolve in large volume of water, neutralize pH with dilute base, rinse to drain with excess water.

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
Zinc; Zinc Dust - 7440-66-6	None Known	None Known	None Known	None Known
Trade Secret ingredients - TRADE SECRET	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
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NITRATE #2 CTA TABLETS

Product Code(s) NN-3703

Zinc; Zinc Dust 7440-66-6 (1)	Present	X	X	ENCS	X	KE-35518	X	X
Trade Secret ingredients TRADE SECRET (to 100%)	TSCA	DSL	EINECS/ELIN CS	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 contains a chemical or 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 %
Zinc; Zinc Dust	7440-66-6	1	1.0
Trade Secret ingredients	TRADE SECRET	to 100%	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
Zinc; Zinc Dust 7440-66-6 (1)	None Known	X	X	None Known
Trade Secret ingredients TRADE SECRET (to 100%)	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 Depletors	Class 2 Ozone Depletors
Zinc; Zinc Dust	7440-66-6	1	None Known	None Known	None Known	None Known
Trade Secret ingredients	TRADE SECRET	to 100%	None Known	None Known	None Known	None Known

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Zinc; Zinc Dust	1000 lb	None Known
Trade Secret ingredients	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
Zinc; Zinc Dust	7440-66-6	None Known
Trade Secret ingredients	TRADE SECRET	None Known

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Zinc; Zinc Dust	X	X	X	None Known	X
Trade Secret ingredients	None Known	None Known	None Known	None Known	None Known

International Regulations

Mexico - Grade

No information available

Chemical Name	Carcinogen Status	Exposure Limits
Zinc; Zinc Dust	None Known	None Known
Trade Secret ingredients	None Known	None Known

Canada

Component	WHMIS Hazard Class
Zinc; Zinc Dust 7440-66-6 (1)	Not determined
Trade Secret ingredients TRADE SECRET (to 100%)	Not determined



Chemical Name	NPRI
Zinc; Zinc Dust	X

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								

Prepared By
Issuing Date
Revision Date
Revision Note
Initial Release
Disclaimer

Regulatory Affairs Department
5/25/2012
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End of MSDS