



MSDS

P.O. Box 329 - 802 Washington Avenue Chestertown, MD 21620 - USA

MATERIAL SAFETY DATA SHEET

TELEPHONE # FOR INFORMATION 410 778-3100

24 HOUR EMERGENCY NUMBER (CHEM-TEL): USA, Canada, Puerto Rico 800-255-3924;

Outside North American Continent 813-248-0585 (call Collect)

1. Product Identification

Product Code: 5422

Product Description: Phosphorus Tablets

Manufactured By: LaMotte Company
802 Washington Avenue
Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	12054-85-2 Ammonium Molybdate tetrahydrate	<2	5 mg/cubic m as Mo, soluble compnd	0.5 mg/cubic m as Mo, sol., respirable
Yes	89-65-6 D-isoascorbic Acid	<2	N/E	N/E
	N/A buffers, fillers, tableting aids, excipients	>95		

All other ingredients are proprietary, NJTSRN 80100291-5034p

None of the unlisted ingredients are carcinogens or highly hazardous materials.

None of the proprietary ingredients in this tablet are RCRA hazardous wastes.

*Ingredients not listed by name are proprietary to LaMotte Co, registered under the state of New Jersey (U.S.A.) trade secret protection law, assigned the NJ Trade Secret Registry # 80100291-5034p and may be disclosed only in a medical emergency.

Product Code: 5422

Product Description: Phosphorus Tablets

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion

May be irritating to eyes and skin or harmful if swallowed.

HMIS Hazard

Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1= Slight, 0 = Least

Health: 1 **Flammability:** 0 **Reactivity:** 0

Carcinogenicity: None:

Other Health Related Comments:

Contains 2-5% of a proprietary ingredient that is toxic & can cause irregular heartbeat if ingested in very large amounts. Ingredient has been investigated as a tumorigen & mutagen. Tablets are acidic in water (pH 2) and may irritate skin for that reason

4. First Aid Measures

Eye Contact: Wash with water for 15 minutes. Consult physician.

Skin Contact: Flush thoroughly with water. Wash with soap and water.

Ingestion: Do not induce vomiting. Drink plenty of water. Consult physician.

Inhalation: Remove to fresh air.

5. Fire Fighting Measures

Flash Point (Method Used): N/A **LEL:** N/A **UEL:** N/A

Extinguishing Media: Not a fire hazard

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazard: N/A

6. Accidental Release Measures

Wear gloves and eye protection. Sweep up carefully, with crushing tablets and generating dust. Dissolve in water. Wash down drain with excess water.

Product Description: Phosphorus Tablets

Store in cool, dry, ventilated place away from incompatible materials.

Normal

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid repeated handling of tablets. Wash after handling.

Melting Point: Unknown

Hazardous Decomposition Products: N/A

Product Code: 5422**Product Description:** Phosphorus Tablets

11. Toxicological Information

Oral rat LD50: 333 mg/kg for ammonium molybdate; 115 mg/kg for a toxic proprietary ingredient present at 2-5 % by wt. in each 100 mg tablet. A 110 lb. human would have to swallow >1000 tablets in a short time to ingest a fatal dose of this ingredient!

Target Organs: Skin

12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Some states do not permit disposal of large quantities of these tablets to ordinary trash (pH in water is 2). They may be dissolved in water and neutralized to pH 6-7 for drain disposal, or sent to hazardous waste. Follow federal, state & local regs.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	12027-67-7 Ammonium Molybdate anhydrous	Yes	Yes	Yes	No	Yes	Yes
Yes	89-65-6 D-Arabo-ascorbic Acid	Yes	Yes	Yes	No	Yes	Yes

Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
12027-67-7 Ammonium Molybdate anhydrous	No	No	No	No	No	No	No
89-65-6 D-Arabo-ascorbic Acid	Yes	No	No	No	No	No	No

Product Code: 5422**Product Description:** Phosphorus Tablets

Ingredient	Acute	--- SARA 311/312 --- Hazard Categories				Reactivity	----- Australia -----		This MSDS Is WHMIS Compliant
		Chronic	Fire	Pressure			Hazchem Code	Poison Schedule	
12027-67-7 Ammonium Molybdate anhydrous	Yes	Yes	No	No		No	None Allocated	None Allocated	
89-65-6 D-Arabo-ascorbic Acid	No	No	No	No		No	None Allocated	None Allocated	

product 5422 as a whole	Yes	No	No	No		No	None Allocated	None Allocated	Yes
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16. Other Information

The toxic proprietary ingredient present in the tablet at 2-4% is regulated under SARA 313, Chemical Category.

Prepared By: IP, Regulatory Affairs Department

Revised: 11/29/2007
