



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: 5157

Product Description: Phosphorus Reagent 3 Tablets

Manufactured By: LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	10025-69-1 Stannous Chloride Dihydrate	1.5	2 mg/m ³ as Sn (TWA)	2 mg/m ³ as Sn (TWA)
Yes	7447-40-7 Potassium Chloride	>98%	15 mg/m ³ (dust)	10 mg/m ³

3. Hazards Overview

Primary Route Of Entry: Ingestion

May irritate eyes and skin. Ingestion of large quantities may cause gastrointestinal irritation and circulatory problems.

HMIS Hazard

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

Health: 2 Flammability: 0 Reactivity: 1

Carcinogenicity: None:

Other Health Related Comments:

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4. First Aid Measures

Eye Contact: Flush thoroughly with water lifting upper and lower eyelids occasionally. If irritation develops, contact physician.

Skin Contact: Flush with water. Wash with soap and water. If irritation develops, contact physician.

Ingestion: Drink several glasses of water. Consult a 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

Sweep up and containerize for disposal or reclamation. Dispose according to federal, state, and local regulations.

7. Handling & Storage

Keep container tightly closed. Store in a cool, dry area away from heat, moisture, ignition sources, and incompatible materials.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection

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

9. Physical & Chemical Properties

Appearance:	White Tablet	Vapor Density:	N/A
Solubility In Water:	Soluble	Vapor Pressure:	N/A
Odor:	None	Boiling Point:	N/A
pH:	3 (1 tablet/10mL water)	Melting Point:	772° C (KCl)

10. Stability & Reactivity

Stable:	Yes
Conditions To Avoid:	N/A
Incompatibility (Materials To Avoid):	N/A
Hazardous Decomposition Products:	N/A

11. Toxicological Information

Potassium chloride Oral Rat LD50: 2600 mg/kg; investigated as a mutagen. Stannous chloride, anhydrous: Oral Rat LD50: 700 mg/kg; Stannous chloride, hydrate: investigated as a mutagen, reproductive effector.

Target Organs: GI System

Pre-Existing Conditions Aggravated By Exposure: Persons with impaired kidney function

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Dispose according to federal, state and local regulations.

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	7772-99-8 Stannous Chloride anhydrous	Yes	Yes	Yes	No	Yes	Yes
Yes	7447-40-7 Potassium Chloride	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			
7772-99-8 Stannous Chloride anhydrous	No	No	No	No	No	No	No
7447-40-7 Potassium Chloride	No	No	No	No	No	No	No

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--- SARA 311/312 ---

Hazard Categories

----- Australia -----

**Hazchem
Code**

**Poison
Schedule**

**This MSDS Is
WHMIS Compliant**

Ingredient	Acute	Chronic	Fire	Pressure	Reactivity			
7772-99-8 Stannous Chloride anhydrous	Yes	Yes	No	No	No	None Allocated	None Allocated	
7447-40-7 Potassium Chloride	Yes	No	No	No	No	None Allocated	None Allocated	
product 5157 as a whole	Yes	No	No	No	No	None Allocated	None Allocated	Yes

16. Other Information

Keep out of reach of children.

Prepared By: Regulatory Affairs Department

Revised: 9/14/2009
