



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: 4453

Product Description: Ferrous Iron Reagent

Manufactured By: LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
	366-18-7 Bipyridyl	8		
	7447-40-1 Potassium Chloride	92		

3. Hazards Overview

Primary Route Of Entry: Ingestion Inhalation Skin

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: 0

Carcinogenicity: None

Other Health Related Comments:

Bipyridyl is toxic internally.

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4. First Aid Measures

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

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

Ingestion: Drink 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

Avoid raising dust. Carefully sweep up, dissolve in water and flush down drain.

7. Handling & Storage

Store in cool, dry, storage area away from incompatible materials.

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8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Gloves Eye Protection Lab Coat

Work/Hygenic Practices: Avoid contact with skin & eyes, and inhalation of dust.

9. Physical & Chemical Properties

Appearance:	White Powder	Vapor Density:	N/A
Solubility In Water:	Soluble	Vapor Pressure:	N/A
Odor:	None	Boiling Point:	N/A
pH:	7 (0.1g in 10mL water)	Melting Point:	Unknown

10. Stability & Reactivity

Stable:	Yes
Conditions To Avoid:	Heat, moisture
Incompatibility (Materials To Avoid):	N/A
Hazardous Decomposition Products:	May emit COx, NOx, hydrogen cyanide under fire conditions

11. Toxicological Information

orl rat LD50: 100mg/kg for bipyridyl solid; 2600 mg/kg for potassium chloride

Target Organs: N/A

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

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Dissolve in water and flush down drain. Dispose according to federal, state and local regulations.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA TSCA	Europe EC	--- Canada --- DSL	NDSL	Australia	Japan
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Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			

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Ingredient	--- SARA 311/312 --- Hazard Categories				----- Australia -----		This MSDS Is WHMIS Compliant
	Acute	Chronic	Fire Pressure	Reactivity	Hazchem Code	Poison Schedule	

product 4453
as a whole

16. Other Information

Store in a dry place. Use with adequate ventilation.

Prepared By: Regulatory Affairs Department

Revised: 7/11/2009
