



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: 2792

Product Description: Total Iron Tablets

Manufactured By: LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	7681-57-4 Sodium Metabisulfite	25-30	None Established	5 mg/m ³
Yes	7775-14-6 Sodium Hydrosulfite; (Sodium Dithionite)	15	None Established	None Established
Yes	366-18-7 2,2'-Bipyridine	<5	None Established	None Established
Yes	557-04-0 Magnesium stearate	<1	15 mg/cubic m, total dust	10 mg/cubic m, tot dust stearates

All ingredients not listed by name are proprietary to LaMotte Company, registered under the State of New Jersey Trade Secret protection law, and assigned the NJTSRN 80100291-5013p. Ingredients may be disclosed only in a medical emergency.

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion Inhalation

May be harmful if swallowed. May irritate eyes, nose, skin, respiratory tract. Severe allergic reaction in persons sensitive to sulfite.

HMIS Hazard

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

Health: 2 Flammability: 1 Reactivity: 2

Carcinogenicity: None:

Other Health Related Comments:

Sodium metabisulfite investigated as a tumorigen, mutagen, reproductive effector.

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4. First Aid Measures

Eye Contact: Immediately flush with water for 15 minutes while lifting upper and lower eyelids. Get prompt medical attention.

Skin Contact: Flush affected area thoroughly with water for 15 minutes. If irritation develops, contact physician. Wash clothing prior to reuse.

Ingestion: Immediately induce vomiting and contact physician.

Inhalation: Move to fresh air. If breathing is difficult, give oxygen.

5. Fire Fighting Measures

Flash Point (Method Used): N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Dry chemical, alcohol-resistant foam, CO2

Special Fire Fighting Procedures: Wear protective equipment and self-contained breathing apparatus.

Unusual Fire & Explosion Hazard: May ignite when damp, or in high temperatures. Contact (of sodium hydrosulfite) w/ oxidizers may result in violent reaction.

6. Accidental Release Measures

Do not raise dust. Sweep up carefully, place in a chemical waste container, and hold for disposal. Dispose according to federal, state, and local regulations. If permitted, dissolve in large quantity of water & flush to drain with excess water.

7. Handling & Storage

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

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8. Exposure Controls/Personal Protection

Ventilation

Normal Respiratory

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid contact with eyes or skin. Avoid inhaling dust.

9. Physical & Chemical Properties

Appearance:	Gray Tablet	Vapor Density:	N/A
Solubility In Water:	Soluble	Vapor Pressure:	N/A
Odor:	None	Boiling Point:	N/A
pH:	2 (10% soln); 3.5 (5% soln)	Melting Point:	Unknown

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Moisture, heat, flame, and ignition sources

Incompatibility (Materials To Avoid): Acids, metals, strong oxidizers

Hazardous Decomposition Products: Contact w/ moisture (water, wet ice, etc.) may release sulfur dioxide gas

11. Toxicological Information

Oral rat LD50: 100 mg/kg for 2,2-Bipyridine. Investigated as a mutagen, tumorigen, reproductive effector. 2,2-Bipyridine is toxic internally.

Target Organs: Respiratory System Skin

Pre-Existing Conditions Aggravated By Exposure: Asthma

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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

Proper Shipping Name:

DOT: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
(SODIUM DITHIONITE & SODIUM DISULFITE)

IATA: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
(SODIUM DITHIONITE & SODIUM DISULPHITE)

Hazard Class/Div:

DOT: 8

IATA: 8

UN: 3260

Packing Group: III

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	7681-57-4 Sodium Metabisulfite	Yes	Yes	Yes	No	Yes	Yes
Yes	7775-14-6 Sodium Hydrosulfite; (Sodium Dithionite)	Yes	Yes	Yes	No	Yes	Yes
Yes	366-18-7 2,2'-Bypyridine	Yes	Yes	Yes	No	Yes	Yes
Yes	557-04-0 Magnesium Stearate	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			
7681-57-4 Sodium Metabisulfite	No	No	No	No	No	No	Yes
7775-14-6 Sodium Hydrosulfite; (Sodium Dithionite)	No	No	No	No	No	No	No
366-18-7 2,2'-Bypyridine	No	No	No	No	No	No	No
557-04-0 Magnesium Stearate	No	No	No	No	No	No	No

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--- SARA 311/312 ---

----- Australia -----

Hazard Categories

**Hazchem
Code**

**Poison
Schedule**

**This MSDS Is
WHMIS Compliant**

Ingredient **Acute** **Chronic** **Fire** **Pressure** **Reactivity**

7681-57-4 Yes No No No Yes None Allocated None Allocated
Sodium Metabisulfite

7775-14-6 Yes No Yes No Yes 1P None Allocated
Sodium Hydrosulfite; (Sodium Dithionite)

366-18-7 Yes No No No No 2[Z] None Allocated
2,2'-Bypyridine

557-04-0 No No Yes No No None Allocated None Allocated
Magnesium Stearate

product 2792 No Yes No No Yes 1P None Allocated Yes
as a whole

16. Other Information

Store in cool, dry location away from incompatibles such as water, alkalies, oxidizers, Sodium Nitrate, and Aluminum powder.

Prepared By: Regulatory Affairs Department

Revised: 7/17/2009
