



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: 5105

Product Description: Barium Sulfate

Manufactured By: LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	7727-43-7 Barium Sulfate	100	10 mg/cubic m total dust	10 mg/cubic m total dust

3. Hazards Overview

Primary Route Of Entry: Ingestion Inhalation

May be harmful by inhalation or ingestion.

HMIS Hazard

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

Health: 1 Flammability: 0 Reactivity: 1

Carcinogenicity: None:

Other Health Related Comments:

See Section 11, Toxicity

Product Code: 5105

Product Description: Barium Sulfate

4. First Aid Measures

Eye Contact: Flush with water for 15 minutes.

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

Ingestion: Rinse out mouth. 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

Small quantity: Sweep up. Flush down drain with excess water. Large quantity: Send to approved landfill.

7. Handling & Storage

Store in cool, dry, place away from moisture and incompatible materials (e.g. aluminum).

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Product Description: Barium Sulfate

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Gloves Eye Protection Lab Coat

Work/Hygenic Practices: Wash thoroughly after handling.

9. Physical & Chemical Properties

Appearance:	White Powder	Vapor Density:	Unknown
Solubility In Water:	<0.1 %	Vapor Pressure:	N/A
Odor:	None	Boiling Point:	N/A
pH:	N/A	Melting Point:	1580 deg C

10. Stability & Reactivity

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

11. Toxicological Information

Barium sulfate powder is neither toxic nor very hazardous. However, repeated inhalation of powder can affect lungs, and should be avoided.

Target Organs: Lung

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Product Description: Barium Sulfate

12. Ecological Information

This material may bioaccumulate to some extent.

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 TSCA	Europe EC	--- Canada --- DSL NDSL		Australia	Japan
Yes	7727-43-7	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			
7727-43-7 Barium Sulfate	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

7727-43-7

Yes

No

No

No

No

None Allocated

None Allocated

Barium Sulfate

**product 5105
as a whole**

Yes

No

No

No

No

None Allocated

None Allocated

Yes

16. Other Information

Prepared By: IP, Regulatory Affairs Department

Revised: 4/23/2008
