



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: T-2311

Product Description: Bromcresol Green Methyl Red
Indicator Tablets

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

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	7447-40-7 Potassium Chloride	98	15 mg/m ³ (dust)	10 mg/m ³
Yes	10102-17-7 Sodium Thiosulfate	0.4	None Established	None Established
Yes	76-60-8 Bromcresol Green	0.2	None Established	None Established
Yes	493-52-7 Methyl Red	<0.1	None Established	None Established

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: 1 Flammability: 0 Reactivity: 0

Carcinogenicity: None:

Other Health Related Comments:

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4. First Aid Measures

Eye Contact: Flush thoroughly with water for 15 minutes while lifting upper and lower eyelids. If irritation develops, contact physician.

Skin Contact: Flush with water for 15 minutes while removing affecting clothing. Wash with soap. If irritation develops, contact physician.

Ingestion: Drink several glasses 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

Sweep up spill, containerize, and hold for proper disposal. Dispose according to federal, state, and local regulations. If permitted, tablets can be dissolved in water and flushed 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

Protection When Handling

Eye Protection

Work/Hygenic Practices: Avoid handling tablets.

9. Physical & Chemical Properties

Appearance: Small blue-green tablet

Solubility In Water: N/A

Odor: None

pH: 6 (1 tablet in 10mL water)

Vapor Density: N/A

Vapor Pressure: N/A

Boiling Point: N/A

Melting Point: Unknown

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Heat, moisture

Incompatibility (Materials To Avoid): N/A

Hazardous Decomposition Products: N/A

11. Toxicological Information

Oral rat LD50: 2600 mg/kg for Potassium Chloride; investigated as a mutagen.

Target Organs: N/A

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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	7447-40-7 Potassium Chloride	Yes	Yes	Yes	No	Yes	Yes
Yes	7772-98-7 Sodium Thiosulfate, anhydrous	Yes	Yes	Yes	No	Yes	Yes
Yes	76-60-8 Bromcresol Green (free acid)	Yes	Yes	Yes	No	Yes	No
Yes	493-52-7 Methyl Red	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			
7447-40-7 Potassium Chloride	No	No	No	No	No	No	No
7772-98-7 Sodium Thiosulfate, anhydrous	No	No	No	No	No	No	No
76-60-8 Bromcresol Green (free acid)	No	No	No	No	No	No	No
493-52-7 Methyl Red	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**

7447-40-7 Potassium Chloride	Yes	No	No	No	No	None Allocated	None Allocated
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7772-98-7 Sodium Thiosulfate, anhydrous	Yes	No	No	No	No	None Allocated	None Allocated
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76-60-8 Bromcresol Green (free acid)	Yes	No	No	No	No	None Allocated	None Allocated
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493-52-7 Methyl Red	No	No	No	No	No	None Allocated	None Allocated
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product T-2311 as a whole	Yes	No	No	No	No	None Allocated	None Allocated	Yes
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16. Other Information

Keep out of reach of children.

Prepared By: Regulatory Affairs Department**Revised:** 6/23/2009
