



# 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:** 4057

**Product Description:** Arsenic Test Strip

**Manufactured By:** LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

### 2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	7789-47-1 Mercuric Bromide	<0.1	C 0.1 mg/m <sup>3</sup> as Mercury (skin)	0.025 mg/m <sup>3</sup> as metallic Mercury (skin)

Each test strip pad contains about 1 milligram of toxic mercuric bromide.

All other ingredients are proprietary to the manufacturer.

### 3. Hazards Overview

**Primary Route Of Entry:** Skin Ingestion

May be harmful if swallowed or absorbed through skin.

#### 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:**

WARNING! This product contains Mercury Bromide, a chemical known to the State of California to cause birth defects & other reproductive harm.

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#### **4. First Aid Measures**

**Eye Contact:** Immediately flush with water for 15 minutes. If irritation persists, consult physician.

**Skin Contact:** Flush with water for 15 minutes while removing affected clothing. Wash skin thoroughly with soap and water. If irritation persists, consult physician.

**Ingestion:** Rinse out mouth. Call a physician or poison control center.

**Inhalation:** Not applicable.

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#### **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

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#### **6. Accidental Release Measures**

Place all used or discarded test strips into a plastic bag labeled as hazardous waste containing <0.1% mercuric bromide. Send for haz. disposal as recommended by your state's Department of the Environment.

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#### **7. Handling & Storage**

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

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**8. Exposure Controls/Personal Protection**

**Ventilation**

Normal

**Protection When Handling**

Eye Protection Gloves Lab Coat

**Work/Hygenic Practices:** Do not eat or smoke while handling. Avoid contact w/eyes, skin, & clothing. Wash after handling.

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**9. Physical & Chemical Properties**

<b>Appearance:</b>	White plastic strip w/colored test pad	<b>Vapor Density:</b>	N/A
<b>Solubility In Water:</b>	N/A	<b>Vapor Pressure:</b>	N/A
<b>Odor:</b>	None	<b>Boiling Point:</b>	N/A
<b>pH:</b>	N/A	<b>Melting Point:</b>	N/A

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**10. Stability & Reactivity**

**Stable:** Yes

**Conditions To Avoid:** N/A

**Incompatibility (Materials To Avoid):** N/A

**Hazardous Decomposition Products:** Small amounts of mercury could be released when exposed to fire.

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**11. Toxicological Information**

Oral Rat LD50: 40 mg/kg for Mercuric bromide

**Target Organs:** Brain Central Nervous System Kidney Liver Skin

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## **12. Ecological Information**

Information Not Yet Available.

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## **13. Disposal Considerations**

Do not flush strips to sewer. Collect spilled material & send to EPA approved landfill or hazardous waste facility in accordance with federal, state, and local regulations.

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## **14. Transportation Information**

Not Regulated For Transport

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## **15. Regulatory Information**

### **Chemical Inventory Status**

Hazard	Ingredient	USA TSCA	Europe EC	--- Canada --- DSL NDSL		Australia	Japan
Yes	7789-47-1	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			
7789-47-1 Mercuric Bromide	No	No	No	mercury comp	No	D009	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**

7789-47-1    Yes    Yes    No    No    No  
Mercuric Bromide

2X

S7

**product 4057  
as a whole**

Yes    No    No    No    No

None Allocated

None Allocated

Yes

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**16. Other Information**

Store in safe location away from food.  
Keep out of reach of children.

**Prepared By:** Regulatory Affairs Department

**Revised:** 3/27/2009

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