



# 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:** 2797

**Product Description:** Total Alkalinity Indicator

**Manufactured By:** LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

### 2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	1310-73-2 Sodium Hydroxide	<0.1	C 2 mg/cubic m	C 2 mg/cubic m
Yes	7647-01-0 Hydrochloric Acid	<0.1	C 5 ppm	C 2 ppm
Yes	76-60-8 Bromocresol Green	0.1	N/E	N/E
Yes	845-10-3 Methyl Red, sodium salt	<0.1	N/E	N/E
Yes	10102-17-7 Sodium Thiosulfate	0.8	N/E	N/E
No	7732-18-5 Water	to 100%		

**3. Hazards Overview**

**Primary Route Of Entry:** Skin Ingestion

May be harmful if swallowed.

**HMIS Hazard**

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

**Health: 0      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. If irritation develops, consult physician.

**Skin Contact:** Flush thoroughly with water for 15 minutes. Wash thoroughly with soap and water. If irritation develops, consult physician.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Give plenty of water. Consult a physician.

**Inhalation:** N/A

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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**

Absorb on inert material then place in chemical waste container for disposal of in accordance to Federal, State, and Local regulations.

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## **7. Handling & Storage**

Store in cool, dry, storage area away from incompatibles and direct sunlight.

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## **8. Exposure Controls/Personal Protection**

### **Ventilation**

Normal

### **Protection When Handling**

Eye Protection Gloves Lab Coat

**Work/Hygenic Practices:** Avoid contact with skin or clothing. Wash after handling.

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## **9. Physical & Chemical Properties**

<b>Appearance:</b>	Dark Blue Liquid	<b>Vapor Density:</b>	<1 (Air=1)
<b>Solubility In Water:</b>	Soluble	<b>Vapor Pressure:</b>	Unknown
<b>Odor:</b>	None	<b>Boiling Point:</b>	ca. 100° C
<b>pH:</b>	8	<b>Melting Point:</b>	N/A

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## **10. Stability & Reactivity**

<b>Stable:</b>	Yes
<b>Conditions To Avoid:</b>	Heat, light
<b>Incompatibility (Materials To Avoid):</b>	N/A
<b>Hazardous Decomposition Products:</b>	N/A

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**11. Toxicological Information**

Ingestion of large amounts may cause stomach distress or irritation.

**Target Organs:** Skin

**12. Ecological Information**

Information Not Yet Available

**13. Disposal Considerations**

Dispose of in accordance to federal, state, and local regulations.

**14. Transportation Information**

Not Regulated For Transport

**15. Regulatory Information**

Hazard	Ingredient	<b><u>Chemical Inventory Status</u></b>					
		USA TSCA	Europe EC	--- Canada --- DSL NDSL		Australia	Japan
Yes	1310-73-2 Sodium Hydroxide	Yes	Yes	Yes	No	Yes	Yes
Yes	7647-01-0 Hydrochloric Acid	Yes	Yes	Yes	No	Yes	Yes
Yes	76-60-8 Bromcresol Green (free acid)	Yes	Yes	Yes	No	Yes	No
Yes	845-10-3 Methyl Red, sodium salt	Yes	Yes	Yes	No	Yes	No
Yes	7772-98-7 Sodium Thiosulfate, anhydrous	Yes	Yes	Yes	No	Yes	Yes
No	7732-18-5 Distilled Water	Yes	Yes	Yes	No	Yes	Yes

**Federal, State, & International Regulations**

<b>Ingredient</b>	<b>--- SARA 302 ---</b>		<b>----- SARA 313 -----</b>		<b>CERCLA</b>	<b>RCRA 261.33</b>	<b>TSCA 8(D)</b>
	<b>RQ</b>	<b>TPQ</b>	<b>Listed</b>	<b>Chemical Category</b>			
1310-73-2 Sodium Hydroxide	No	No	No	No	1000	No	No
7647-01-0 Hydrochloric Acid	5000	500	Yes	No	5000	No	No
76-60-8 Bromcresol Green (free acid)	No	No	No	No	No	No	No
845-10-3 Methyl Red, sodium salt	No	No	No	No	No	No	No
7772-98-7 Sodium Thiosulfate, anhydrous	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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**Product Code:** 2797

**Product Description:** Total Alkalinity Indicator

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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**

1310-73-2 Sodium Hydroxide	Yes	No	No	No	Yes	2R	S6	
7647-01-0 Hydrochloric Acid	Yes	Yes	No	No	No	2R	None Allocated	
76-60-8 Bromcresol Green (free acid)	Yes	No	No	No	No	None Allocated	None Allocated	
845-10-3 Methyl Red, sodium salt	No	No	No	No	No	None Allocated	None Allocated	
7772-98-7 Sodium Thiosulfate, anhydrous	Yes	No	No	No	No	None Allocated	None Allocated	
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated	
<b>product 2797 as a whole</b>	No	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:** 3/24/2009

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