



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 Bromcresol 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:

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

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

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

7. Handling & Storage

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

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.

9. Physical & Chemical Properties

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

10. Stability & Reactivity

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

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	<u>Chemical Inventory Status</u>					
		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

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
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

Product Code: 2797

Product Description: Total Alkalinity Indicator

--- SARA 311/312 ---

----- Australia -----

Hazard Categories

**Hazchem
Code**

**Poison
Schedule**

**This MSDS Is
WHMIS Compliant**

Ingredient

Acute

Chronic

Fire

Pressure

Reactivity

1310-73-2

Yes

No

No

No

Yes

2R

S6

Sodium Hydroxide

7647-01-0

Yes

Yes

No

No

No

2R

None Allocated

Hydrochloric Acid

76-60-8

Yes

No

No

No

No

None Allocated

None Allocated

Bromcresol Green (free acid)

845-10-3

No

No

No

No

No

None Allocated

None Allocated

Methyl Red, sodium salt

7772-98-7

Yes

No

No

No

No

None Allocated

None Allocated

Sodium Thiosulfate, anhydrous

7732-18-5

No

No

No

No

No

None Allocated

None Allocated

Distilled Water

**product 2797
as a whole**

No

No

No

No

No

None Allocated

None Allocated

Yes

16. Other Information

Keep out of reach of children.

Prepared By: Regulatory Affairs Department

Revised: 3/24/2009
