



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: THS-2881

Product Description: pH 7.00 Buffer

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/m ³	C 2 mg/m ³
Yes	89-83-8 Thymol (preservative)	<0.1	None Established	None Established
Yes	7778-77-0 Potassium Phosphate, monobasic	0.7	None Established	None Established
No	7732-18-5 Water	to 100%	None Established	None Established

3. Hazards Overview

Primary Route Of Entry:

May be harmful if swallowed. May irritate eyes, nose, skin and respiratory tract.

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:

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4. First Aid Measures

Eye Contact: Flush thoroughly with water for 15 minutes while lifting upper and lower eyelids. Contact physician.

Skin Contact: Flush with water for 15 minutes while removing affected clothing. Wash skin with soap and water. Contact physician.

Ingestion: Drink several glasses of water and rinse mouth. If irritation develops contact 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: Wear protective equipment and self-contained breathing apparatus.

Unusual Fire & Explosion Hazard: N/A

6. Accidental Release Measures

Absorb on inert material, containerize and hold for disposal. Dispose according to federal, state, and local regulations.

7. Handling & Storage

Keep in a tightly close container. Store in cool, dry, ventilated areas away from heat and incompatible materials.

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8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

N/A

Work/Hygenic Practices: Wash after handling.

9. Physical & Chemical Properties

Appearance: Clear Colorless Liquid

Solubility In Water: Soluble

Odor: Thyme-like odor

pH: 7.00

Vapor Density: <1 (Air=1)

Vapor Pressure: <17 mm Hg @ 20° C

Boiling Point: ca. 100° C

Melting Point: N/A

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Temperature extremes

Incompatibility (Materials To Avoid): Strong oxidizers

Hazardous Decomposition Products: COx

11. Toxicological Information

Target Organs: N/A

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12. Ecological Information

Environmental Fate: Information not available.

Environmental Toxicity: Thymol - Dangerous to the environment. Toxic to aquatic organisms.

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 ---		Australia	Japan
				DSL	NDSL		
Yes	1310-73-2 Sodium Hydroxide	Yes	Yes	Yes	No	Yes	Yes
Yes	89-83-8 Thymol (preservative)	Yes	Yes	Yes	No	Yes	Yes
Yes	7778-77-0 Potassium Phosphate, monobasic	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
89-83-8 Thymol (preservative)	No	No	No	No	No	No	No
7778-77-0 Potassium Phosphate, monobasic	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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--- SARA 311/312 ---**Hazard Categories****----- Australia -----****Hazchem****Poison****This MSDS Is****Ingredient Acute Chronic Fire Pressure Reactivity Code Schedule WHMIS Compliant**

1310-73-2 Yes No No No Yes 2R S6
Sodium Hydroxide

89-83-8 Yes No No No No None Allocated None Allocated
Thymol (preservative)

7778-77-0 Yes No No No No None Allocated None Allocated
Potassium Phosphate, monobasic

7732-18-5 No No No No No None Allocated None Allocated
Distilled Water

product THS-2881 as a whole No No No No No None Allocated None Allocated Yes

16. Other Information

Keep out of the reach of children.

Prepared By: Regulatory Affairs Department

Revised: 9/2/2009
