



# 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:** 2881

**Product Description:** pH 7.00 Buffer  
(2881 replaced by THS-2881)

**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
No	89-83-8 Thymol (preservative)	<0.01		
Yes	7778-77-0 Potassium Phosphate, monobasic	0.7		
No	7732-18-5 Water	to 100%		

### 3. Hazards Overview

**Primary Route Of Entry:**

#### 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.

**Skin Contact:** Flush with water.

**Ingestion:** Drink glass of water.

**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**

Mop up and flush down drain with water.

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

Store in cool, dry, storage area.

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

### **Ventilation**

Normal

### **Protection When Handling**

Gloves

**Work/Hygenic Practices:** N/A

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

**Appearance:** Clear Colorless Liquid

**Solubility In Water:** Soluble

**Odor:** None

**pH:** 7.00

**Vapor Density:** <1 (Air=1)

**Vapor Pressure:** <17 mm @ 20 deg C

**Boiling Point:** ca. 100 degC

**Melting Point:** N/A

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## **10. Stability & Reactivity**

**Stable:** Yes

**Conditions To Avoid:** Temperature extremes

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

**Hazardous Decomposition Products:** N/A

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## **11. Toxicological Information**

Non-toxic

**Target Organs:** N/A

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**12. Ecological Information**

Information Not Yet Available

**13. Disposal Considerations**

Flush down drain with water. 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	1310-73-2 Sodium Hydroxide	Yes	Yes	Yes	No	Yes	Yes
No	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  
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

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 2881  
as a whole**

No

No

No

No

No

None Allocated

None Allocated

Yes

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**16. Other Information**

**Prepared By:** IP, Regulatory Affairs Department

**Revised:** 10/24/2005

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