



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: 8424

Product Description: Sodium Hydroxide (0.35N)

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	1.4	C 2 mg/cubic m	C 2 mg/cubic m
No	7732-18-5 Water	to 100%		

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion

Warning! Corrosive. Can cause severe irritation or burns to all body tissue. Harmful if swallowed.

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 with water for 15 minutes.

Skin Contact: Flush thoroughly with water while removing affected clothing.

Ingestion: Do not induce vomiting. 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

Carefully neutralize with vinegar or other dilute acid to pH 6 - 8. Mop up and flush down drain with excess water.

7. Handling & Storage

Store in cool, dry, storage area away from acids and other incompatible materials.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

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

9. Physical & Chemical Properties

Appearance: Clear Colorless Liquid

Solubility In Water: Soluble

Odor: None

pH: 13

Vapor Density: <1 (Air=1)

Vapor Pressure: ca. 17 mm Hg @ 20 deg C

Boiling Point: >100 deg C

Melting Point: ca. 0 deg C

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: N/A

Incompatibility (Materials To Avoid): Strong acids

Hazardous Decomposition Products: N/A

11. Toxicological Information

Sodium hydroxide investigated as a mutagen.

Target Organs: Corrosive to all body parts

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Neutralize and wash down drain with excess water. Dispose according to federal, state and local regulations.

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	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
7732-18-5 Distilled Water	No	No	No	No	No	No	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**

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

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

product 8424 Yes No No No No 2R S5 Yes
as a whole

16. Other Information

Prepared By: IP, Regulatory Affairs Department

Revised: 9/7/2005
