

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: 5168

Product Description: Sodium Hydroxide, 0.2N
MSDS for 5168 & ISK-5168

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	0.8	C 2 mg/m ³	C 2 mg/m ³
No	7732-18-5 Water	to 100%	None Established	None Established

3. Hazards Overview

Primary Route Of Entry: Eye Skin Ingestion

May irritate eyes and skin. 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:

See Section 11, Toxicity

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4. First Aid Measures

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

Skin Contact: Flush thoroughly with water while removing affected clothing/shoes. If irritation persists, contact physician. Wash clothing prior to reuse.

Ingestion: Do not induce vomiting. Drink large quantity of water. Contact physician immediately.

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: N/A

Unusual Fire & Explosion Hazard: N/A

6. Accidental Release Measures

Wear PPE noted in section 8. Neutralize spill with dilute acid (6M hydrochloric acid), absorb onto inert material, place into chemical waste container, and hold for disposal. Dispose in accordance to federal, state, and local regulations. If permi

7. Handling & Storage

Store in cool, dry place. Keep out of reach of children.

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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 eyes or skin. Wash after handling.

9. Physical & Chemical Properties

Appearance:	Clear Colorless Liquid	Vapor Density:	<1(Air=1)
Solubility In Water:	Soluble	Vapor Pressure:	<17 mm Hg @ 20 deg C
Odor:	None	Boiling Point:	>100 deg C
pH:	12.5 - 13	Melting Point:	Unknown

10. Stability & Reactivity

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

11. Toxicological Information

Solution is strongly alkaline and may be severely irritating to eyes or skin on contact. Swallowing 5168 may be very irritating to throat, esophagus, and GI tract.

Target Organs: Eyes Skin

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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.

14. Transportation Information

Proper Shipping Name:

DOT: SODIUM HYDROXIDE SOLUTION

IATA: SODIUM HDROXIDE SOLUTION

Hazard Class/Div:

DOT: 8

IATA: 8

UN: 1824

Packing Group: III

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA TSCA	Europe EC	--- Canada --- DSL NDSL		Australia	Japan
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 ---

Hazard Categories

----- Australia -----

**Hazchem
Code**

**Poison
Schedule**

**This MSDS Is
WHMIS Compliant**

Ingredient	Acute	Chronic	Fire	Pressure	Reactivity	Hazchem Code	Poison Schedule	This MSDS Is WHMIS Compliant
1310-73-2 Sodium Hydroxide	Yes	No	No	No	Yes	2R	S6	
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated	
product 5168 as a whole	Yes	No	No	No	No	2R	None Allocated	Yes

16. Other Information

Keep out of reach of children.

Prepared By: Regulatory Affairs Department

Revised: 5/4/2009
