

53663-00,05



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: 4169
Product Description: Sodium Thiosulfate, .025 N

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	10102-17-7 Sodium Thiosulfate, 5-hydrate	<1	N/E	N/E
No	7732-18-5 Water	to 100%		

3. Hazards Overview

Primary Route Of Entry: Ingestion Skin

Large doses by mouth can cause GI irritation. May cause skin irritation.

HMIS Hazard

Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least

Health: 1 Flammability: 0 Reactivity: 0

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 with water. Wash with soap and water.

Ingestion: Drink plenty of water. Consult a physician if symptoms appear.

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

Neutralize with vinegar or other dilute acid and mop up.

7. Handling & Storage

Store in cool, dry, storage area away from heat and light.

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8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves

Work/Hygenic Practices: Avoid repeated contact with eyes or skin. Solution is alkaline and may be irritating.

9. Physical & Chemical Properties

Appearance: Clear Colorless Liquid

Solubility In Water: Soluble

Odor: None

pH: 12

Vapor Density: <1 (Air=1)

Vapor Pressure: <17 mm @ 20 deg C

Boiling Point: ca. 100 degC

Melting Point: Unknown

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Heat, light

Incompatibility (Materials To Avoid): N/A

Hazardous Decomposition Products: N/A

11. Toxicological Information

Non-toxic

Target Organs: N/A

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Neutralize with dilute acid and wash down drain with excess water.

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
Yes	7772-98-7 Sodium Thiosulfate, pentahydrate	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
7772-98-7 Sodium Thiosulfate, pentahydrate	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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Ingredient	Acute	--- SARA 311/312 --- Hazard Categories				Reactivity	----- Australia -----		This MSDS Is WHMIS Compliant
		Chronic	Fire	Pressure	Hazchem Code		Poison Schedule		
1310-73-2 Sodium Hydroxide	Yes	No	No	No	Yes	2R	S6		
7772-98-7 Sodium Thiosulfate, pentahydrate	No	No	No	No	No	None Allocated	None Allocated		
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated		
product 4169 as a whole	No	No	No	No	No	None Allocated	None Allocated	Yes	

16. Other Information

Store away from heat and light.

Prepared By: IP, Regulatory Affairs Department

Revised: 10/20/2005
