



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: 3969

Product Description: Ammonia #2 Tablets
New formula, 3969A

Manufactured By: LaMotte Company
802 Washington Avenue
Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	1310-65-2 Lithium Hydroxide, anhydrous	10 - 15	N/E	N/E
Yes	554-13-2 Lithium Carbonate	0.1-0.4	N/E	N/E

All other ingredients are proprietary, NJTSRN 80100291-5033p

*Ingredients not listed by name are proprietary to LaMotte Co, registered under the state of New Jersey (U.S.A.) trade secret protection law, assigned the NJ Trade Secret Registry # 80100291-5033p and may be disclosed only in a medical emergency.

3. Hazards Overview

Primary Route Of Entry: Eye Skin Ingestion Inhalation

Warning! Corrosive. Irritating to eyes, skin, nose, throat, and respiratory system. Harmful if swallowed.

HMIS Hazard

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

Health: 2 Flammability: 0 Reactivity: 0

Carcinogenicity: None:

Other Health Related Comments:

Warning! This product contains lithium carbonate, a chemical known to the state of California to cause birth defects.

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4. First Aid Measures

Eye Contact: Wash with water for 15 minutes. Consult physician.

Skin Contact: Wash with water for 15 minutes. Consult physician if skin irritation appears.

Ingestion: Do not induce vomiting. Drink plenty of water. Consult 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: Firefighters wear SCBA.

Unusual Fire & Explosion Hazard: Emits toxic fumes under fire conditions.

6. Accidental Release Measures

Small amt.: Dissolve in water. Neutralize carefully with 6M HCl. Flush down drain with water. Large amt. Wear gloves, eye protection & dust mask. Sweep up. Avoid crushing tablets: Dust causes eye, skin, throat irritation, sneezing & coughing.

7. Handling & Storage

Store tightly closed in cool, dry, place away from heat, moisture, and incompatible materials (strong acids, bases, or oxidizers). 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 handling tablets. Wash after handling.

9. Physical & Chemical Properties

Appearance:	White Tablet	Vapor Density:	N/A
Solubility In Water:	Soluble	Vapor Pressure:	N/A
Odor:	slight bleach	Boiling Point:	N/A
pH:	13(1 tablet in 5mL water)	Melting Point:	N/A

10. Stability & Reactivity

Stable:	Yes
Conditions To Avoid:	Heat, moisture
Incompatibility (Materials To Avoid):	Strong acids, strong oxidizers
Hazardous Decomposition Products:	Chlorine gas

11. Toxicological Information

Note:Lithium hypochlorite in old formula 3969 tablet has been replaced by an ingredient having a lower toxicity. The 3969A still contains traces of lithium carbonate. Li₂CO₃ has been found to cause birth defects in women undergoing lithium therapy.

Target Organs: Eyes Lung Skin

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12. Ecological Information

Tablet contains ingredients which, in large quantity, are toxic to aquatic organisms. Lithium carbonate, present as a contaminant in lithium hydroxide, is toxic to fish and may be slightly toxic to birds.

13. Disposal Considerations

Containerize for disposal as haz. waste. Follow federal, state and local regs. If spilled material is contaminated w/ moisture, organic matter, or other chemicals, do not tightly seal container. Isolate it in a well ventilated place.

14. Transportation Information

Proper Shipping Name:

DOT: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
(LITHIUM HYDROXIDE MIXTURE)

IATA: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
(LITHIUM HYDROXIDE MIXTURE)

Hazard Class/Div:

DOT: 8

IATA: 8

UN: 3262

Packing Group: II

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	1310-65-2 Lithium Hydroxide, anhydrous	Yes	Yes	Yes	No	Yes	Yes
Yes	554-13-2 Lithium Carbonate	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			
1310-65-2 Lithium Hydroxide, anhydrous	No	No	Yes	No	No	No	No
554-13-2 Lithium Carbonate	No	No	Yes	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
1310-65-2 Lithium Hydroxide, anhydrous	Yes	Yes	No	No	No	None Allocated	None Allocated	
554-13-2 Lithium Carbonate	Yes	Yes	No	No	No	None Allocated	None Allocated	
product 3969 as a whole	Yes	Yes	No	No	No	None Allocated	None Allocated	Yes

16. Other Information

Australia: This product is classified as a hazardous substance according to the criteria of ASCC (based on a risk assessment according to ASCC/NOHSC criteria.

Prepared By: IP, Regulatory Affairs Department

Revised: 11/29/2007
