



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: 3985

Product Description: Buffer Tablets, pH 10.0

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

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	497-19-8 Sodium Carbonate	30 - 40	N/E	N/E
No	144-55-8 Sodium Bicarbonate	40 - 50	N/E	N/E
Yes	7447-40-7 Potassium Chloride	15 - 20	15 mg/cubic m (dust)	10 mg/cubic m
	N/A Tabletting Aids	<5		
	N/A Coloring Agent (Blue 4 GL dye)	<1		

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3. Hazards Overview

Primary Route Of Entry: Ingestion

Ingestion of large number of tablets may cause GI tract distress.

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:

Tablet is non-toxic but may cause stomach distress if many are swallowed because it is alkaline (pH 10).

4. First Aid Measures

Eye Contact: Flush with water.

Skin Contact: Rinse skin with water.

Ingestion: Drink 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

Sweep up, dissolve in water and flush down drain.

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7. Handling & Storage

Store in cool, dry, storage area away from such incompatible materials as strong acids.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

N/A

Work/Hygenic Practices: Avoid handling tablets.

9. Physical & Chemical Properties

Appearance:	Small White Tablet with dark specks	Vapor Density:	N/A
Solubility In Water:	Soluble	Vapor Pressure:	N/A
Odor:	None	Boiling Point:	N/A
pH:	10 (1 tablet in 20mL water)	Melting Point:	Unknown

10. Stability & Reactivity

Stable:	Yes
Conditions To Avoid:	Heat, moisture
Incompatibility (Materials To Avoid):	N/A
Hazardous Decomposition Products:	CO _x

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11. Toxicological Information

Oral rat LD50: 2600 mg/kg for potassium chloride; 4090 for sodium carbonate. Potassium chloride investigated as a mutagen. Sodium carbonate as a mutagen, reproductive effector. Tablet is non-toxic.

Target Organs:

12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Dissolve in water and flush to drain. Dispose according to federal, state and local regulations.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

Hazard	Ingredient	<u>Chemical Inventory Status</u>					
		USA TSCA	Europe EC	--- Canada --- DSL NDSL		Australia	Japan
Yes	497-19-8 Sodium Carbonate, Anhydrous	Yes	Yes	Yes	No	Yes	Yes
No	144-55-8 Sodium Bicarbonate	Yes	Yes	Yes	No	Yes	Yes
Yes	7447-40-7 Potassium Chloride	Yes	Yes	Yes	No	Yes	Yes

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Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
497-19-8 Sodium Carbonate, Anhydrous	No	No	No	No	No	No	No
144-55-8 Sodium Bicarbonate	No	No	No	No	No	No	No
7447-40-7 Potassium Chloride	No	No	No	No	No	No	No

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Ingredient	Acute	--- SARA 311/312 --- Hazard Categories				----- Australia -----		This MSDS Is WHMIS Compliant
		Chronic	Fire	Pressure	Reactivity	Hazchem Code	Poison Schedule	
497-19-8 Sodium Carbonate, Anhydrous	Yes	No	No	No	No	None Allocated	S5	
144-55-8 Sodium Bicarbonate	No	No	No	No	No	None Allocated	None Allocated	
7447-40-7 Potassium Chloride	Yes	No	No	No	No	None Allocated	None Allocated	

product 3985 No No No No No None Allocated None Allocated Yes
as a whole

16. Other Information

Prepared By: IP, Regulatory Affairs Department

Revised: 12/19/2005
