



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: ALL-4487

Product Description: Hardness #7 Reagent

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

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	6381-92-6 EDTA disodium salt	1.0	N/E	N/E
Yes	7791-18-6 Magnesium Chloride	<0.1	N/E	N/E
Yes	1310-73-2 Sodium Hydroxide	<0.1	C 2 mg/cubic m	C 2 mg/cubic m
Yes	111-90-0 Diethylene glycol monoethyl ether	0-<0.1	N/E	N/E
Yes	139-88-8 7-Ethyl-2-Methyl-4-undecanolsulfate, sodium salt (Tergitol 4)	<0.1	N/E	N/E
No	7732-18-5 Water	99		

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3. Hazards Overview

Primary Route Of Entry: Ingestion

May be harmful if swallowed.

HMIS Hazard

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

Health: 0 **Flammability:** 0 **Reactivity:** 0

Carcinogenicity: None:

Other Health Related Comments:

Non-toxic, Non-hazardous

4. First Aid Measures

Eye Contact: Flush thoroughly with water.

Skin Contact: Flush with water and wash with soap and water.

Ingestion: Drink 1 - 2 glasses of water. Consult a physician if stomach distress occurs.

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

Mop up carefully and flush down drain with excess water.

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7. Handling & Storage

Store in cool, dry, storage area.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Work/Hygenic Practices: Wash after handling.

9. Physical & Chemical Properties

Appearance: Clear Colorless Liquid

Solubility In Water: Soluble

Odor: None

pH: 4

Vapor Density: <1 (Air=1)

Vapor Pressure: <17 mm Hg @ 20 deg C

Boiling Point: ca. 100 deg C

Melting Point: N/A

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Temperature extremes

Incompatibility (Materials To Avoid): N/A

Hazardous Decomposition Products: N/A

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11. Toxicological Information

Non-toxic. Product is slightly acidic (pH 4, approximately the same as household vinegar) and may cause stomach distress if swallowed in large quantities.

Target Organs: N/A

12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

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

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA TSCA	Europe EC	--- Canada --- DSL NDSL		Australia	Japan
Yes	139-33-3 EDTA disodium salt, anhydrous	Yes	Yes	Yes	No	Yes	Yes
Yes	7786-30-3 Magnesium Chloride, anhydrous	Yes	Yes	Yes	No	Yes	Yes
Yes	1310-73-2 Sodium Hydroxide	Yes	Yes	Yes	No	Yes	Yes
Yes	111-90-0 Diethylene glycol monoethyl ether	Yes	Yes	Yes	No	Yes	Yes
Yes	139-88-8 Niaproof Type 4 (No information available)						
No	7732-18-5 Distilled Water	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			
139-33-3 EDTA disodium salt, anhydrous	No	No	No	No	No	No	No
7786-30-3 Magnesium Chloride, anhydrous	No	No	No	No	No	No	No
1310-73-2 Sodium Hydroxide	No	No	No	No	1000	No	No
111-90-0 Diethylene glycol monoethyl ether	No	No	No	Glycol Ether	No	No	No
139-88-8 Niaproof Type 4 (No information available)							
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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--- SARA 311/312 ---

Hazard Categories

----- Australia -----

Hazchem
CodePoison
ScheduleThis MSDS Is
WHMIS Compliant

Ingredient Acute Chronic Fire Pressure Reactivity

139-33-3 Yes No No No No
EDTA disodium salt, anhydrous

None Allocated None Allocated

7786-30-3 Yes No No No No
Magnesium Chloride, anhydrous

None Allocated None Allocated

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

2R S6

111-90-0 Yes No Yes No No
Diethylene glycol monoethyl ether

None Allocated None Allocated

139-88-8
Niaproof Type 4 (No information available)

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

None Allocated None Allocated

product No No No No No None Allocated None Allocated Yes
ALL-4487
as a whole

16. Other Information**Prepared By:** IP, Regulatory Affairs Department**Revised:** 5/25/2006
