



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: 7042

Product Description: CH1 (Calcium Hardness)
(Formula revised 10/15/2007)

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

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	141-43-5 Monoethanolamine	<10	3 ppm	3 ppm
Yes	10043-35-3 Boric Acid	3	N/E	N/E
	7732-18-8 Water	75-80		

buffers and other ingredients are proprietary

None of the unlisted proprietary ingredients are toxic or highly hazardous.

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7. Handling & Storage

Store tightly closed out of reach of children.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves

Work/Hygenic Practices: Avoid contact with skin or eyes. Wash hands after handling.

9. Physical & Chemical Properties

Appearance: clear colorless liquid

Solubility In Water: soluble

Odor: slight

pH: 9.5

Vapor Density: >1 (Air=1)

Vapor Pressure: <15 mm Hg@ 20 deg C

Boiling Point: >100 deg C

Melting Point: estim. 1--9 deg C

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Temperature extremes

Incompatibility (Materials To Avoid): Strong alkali

Hazardous Decomposition Products: N/A

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11. Toxicological Information

Boric acid--oral rat LD50 2660 mg/kg. Oral woman LDLo: 200 mg/kg. Adult fatal dose reported as 5--30 grams. 30 mL of 7040 contains <1 gram of it. Monoethanolamine--Oral rat LD50: 1720 mg/kg.

Target Organs: Central Nervous System Kidney Liver

Pre-Existing Conditions Aggravated By Exposure: eye,skin problems;impaired kidney, liver

12. Ecological Information

Boric acid constituent, in high concentrations, may be toxic to aquatic life.

13. Disposal Considerations

Small amounts of 7040 (<100 mL) may be disposed to drain with running water if local regulations permit. Larger quantities of as hazardous waste. Follow Federal, State, & local regulations.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

		<u>Chemical Inventory Status</u>					
Hazard	Ingredient	USA TSCA	Europe EC	--- Canada --- DSL NDSL		Australia	Japan
Yes	141-43-5 2-Aminoethanol; Ethanolamine	Yes	Yes	Yes	No	Yes	Yes
Yes	10043-35-3 Boric Acid	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			
141-43-5 2-Aminoethanol; Ethanolamine	No	No	No	No	No	No	No
10043-35-3 Boric Acid	No	No	No	No	No	No	No

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Ingredient	--- SARA 311/312 --- Hazard Categories					----- Australia -----		This MSDS Is WHMIS Compliant
	Acute	Chronic	Fire	Pressure	Reactivity	Hazchem Code	Poison Schedule	
141-43-5 2-Aminoethanol; Ethanolamine	Yes	No	Yes	No	No	2R	None Allocated	
10043-35-3 Boric Acid	Yes	Yes	No	No	No	None Allocated	S5	

product 7042 Yes Yes No No No None Allocated None Allocated Yes
as a whole

16. Other Information

NFPA Ratings for 100% boric acid powder: Health: 1 Flammability: 0 Reactivity: 0
NFPA Ratings for 100% Monoethanolamine: Health: 3 Flammability: 2 Reactivity: 0

Prepared By:

Revised: 10/15/2007
