

1. Product Identification**Product Code:** 4484**Product Description:** Hardness Reagent #6 Tablets**Manufactured By:** LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	7447-40-7 Potassium Chloride	99	15 mg/m ³ (dust)	10 mg/m ³
Yes	3147-14-6 Calmagite	<1	None Established	None Established
Yes	65405-55-2 Amberlite IRP-88 ion exchange resin	<0.1	None Established	None Established

3. Hazards Overview**Primary Route Of Entry:** Ingestion

May irritate eyes and skin. Ingestion of large quantities may cause gastrointestinal irritation and circulatory problems.

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:**

4. First Aid Measures

Eye Contact: Flush thoroughly with water for 15 minutes while lifting upper and lower eyelids. If irritation persists or develops contact physician

Skin Contact: Flush thoroughly with soap and water for 15 minutes. If irritation develops or persists, contact physician. Wash affected clothing prior to reuse.

Ingestion: Induce vomiting immediately. Drink water. Contact physician.

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: N/A

Unusual Fire & Explosion Hazard: May emit toxic fumes under fire conditions

6. Accidental Release Measures

Ventilate area of spill & wear PPE. Using a method that does not disperse dust, pick up and place spilled material into a suitable container for disposal. Dispose according to federal, state, and local regulations.

7. Handling & Storage

Store in cool, dry area away from incompatible materials.

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8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

N/A

Work/Hygenic Practices: Avoid repeated handling of tablets. Wash hands afterwards.

9. Physical & Chemical Properties

Appearance: Small Purple Tablet

Solubility In Water: Soluble

Odor: Unpleasant, Phenolic

pH: 6 (1 tablet in 10mL water)

Vapor Density: N/A

Vapor Pressure: N/A

Boiling Point: N/A

Melting Point: 770° C

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Heat, moisture

Incompatibility (Materials To Avoid): Strong acids, strong oxidizers

Hazardous Decomposition Products: CO_x, NO_x, SO_x

11. Toxicological Information

Oral rat LD50: 2600 mg/kg Potassium chloride. Potassium chloride investigated as a mutagen.

Target Organs: N/A

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Dispose according federal, state, and local regulations.

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	7447-40-7 Potassium Chloride	Yes	Yes	Yes	No	Yes	Yes
Yes	3147-14-6 Calmagite	Yes	Yes	Yes	No	Yes	No
Yes	65405-55-2 Amberlite IRP-88 Ion Exchange Resin	Yes	?	?	?	?	?

Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
7447-40-7 Potassium Chloride	No	No	No	No	No	No	No
3147-14-6 Calmagite	No	No	No	No	No	No	No
65405-55-2 Amberlite IRP-88 Ion Exchange Resin	No	No	No	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**

7447-40-7 Yes No No No No None Allocated None Allocated
Potassium Chloride

3147-14-6 No No No No No None Allocated None Allocated
Calmagite

65405-55-2 Yes No No No No None Allocated None Allocated
Amberlite IRP-88 Ion Exchange Resin

product 4484 Yes No No No No None Allocated None Allocated Yes
as a whole

16. Other Information

Keep out of reach of children.

Prepared By: Regulatory Affairs Department

Revised: 8/3/2009
