



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: V-4467

Product Description: Silica Reagent #2

Manufactured By: LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	12054-85-2 Ammonium Molybdate	10	5 mg/m ³ as soluble Mo compound	0.5 mg/m ³ as Mo, soluble compd respirable fraction
Yes	1310-58-3 Potassium Hydroxide	2.4	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling
No	7732-18-5 Water	to 100%	None Established	None Established

3. Hazards Overview

Primary Route Of Entry: Skin

May be irritating to eyes and skin or 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:

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4. First Aid Measures

Eye Contact: Flush thoroughly with water for 15 minutes while lifting upper and lower eyelids. Consult a physician.

Skin Contact: Flush thoroughly with water for 15 minutes while removing affected clothing and wash skin with soap and water.

Ingestion: Do not induce vomiting. Give large quantity of water. Rinse out mouth. Consult a 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: N/A

6. Accidental Release Measures

Absorb spill with inert material, containerize, and hold for disposal. Dispose according to federal, state, and local regulations.

7. Handling & Storage

Store in cool, dry, storage area away from incompatible materials.

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8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid repeated contact with skin, eyes, and clothing.

9. Physical & Chemical Properties

Appearance: Clear to slightly cloudy, colorless liquid

Solubility In Water: Soluble

Odor: None

pH: 8

Vapor Density: Unknown

Vapor Pressure: Unknown

Boiling Point: Unknown

Melting Point: N/A

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: N/A

Incompatibility (Materials To Avoid): N/A

Hazardous Decomposition Products: N/A

11. Toxicological Information

orl rat LD50: 333 mg/kg for ammonium molybdate, solid

Target Organs: Eyes Skin

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

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 ---		Australia	Japan
				DSL	NDSL		
Yes	12027-67-7 Ammonium Molybdate anhydrous	Yes	Yes	Yes	No	Yes	Yes
Yes	1310-58-3 Potassium Hydroxide	Yes	Yes	Yes	No	Yes	Yes
No	7732-18-5 Distilled Water	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			
12027-67-7 Ammonium Molybdate anhydrous	No	No	No	No	No	No	No
1310-58-3 Potassium Hydroxide	No	No	No	No	1000	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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Ingredient	Acute	--- SARA 311/312 ---				----- Australia -----		This MSDS Is WHMIS Compliant
		Hazard Categories	Chronic	Fire	Pressure	Reactivity	Hazchem Code	Poison Schedule
12027-67-7 Ammonium Molybdate anhydrous	Yes	Yes	No	No	No	No	None Allocated	None Allocated
1310-58-3 Potassium Hydroxide	Yes	Yes	No	No	Yes	Yes	2R	S6
7732-18-5 Distilled Water	No	No	No	No	No	No	None Allocated	None Allocated

product V-4467
as a whole

16. Other Information

Keep out of reach of children.

Prepared By: Regulatory Affairs Department

Revised: 9/1/2009
