



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: 5159

Product Description: Potassium Dichromate, 1.0N

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

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	7778-50-9 Potassium Dichromate	4.9	C 0.1 mg/cubic m as CrO3	0.05 mg/cubic m as Cr (VI)
No	7732-18-5 Water	to 100%		

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion

Toxic, irritant, sensitizer. Harmful if swallowed. Irritation of skin and gastrointestinal tract.

HMIS Hazard

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

Health: 2 Flammability: 0 Reactivity: 1

Carcinogenicity: Yes: IARC NTP OSHA

Other Health Related Comments:

IARC-49, 49, 90 Warning! This product contains chromates, chemicals known to the state of California to cause cancer

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4. First Aid Measures

Eye Contact: Flush with water for 15 minutes. Consult physician.

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

Ingestion: Induce vomiting. Call a doctor immediately.

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

Wear gloves and eye protection. Absorb on spill pad. Containerize for disposal as hazardous waste.

7. Handling & Storage

Store in cool, dry place away from incompatible materials.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid contact with skin and clothing. Wash after handling.

9. Physical & Chemical Properties

Appearance:	Clear Amber Liquid	Vapor Density:	<1 (Air=1)
Solubility In Water:	Soluble	Vapor Pressure:	<17 mm Hg @ 20 deg C
Odor:	None	Boiling Point:	>100 deg C
pH:	4	Melting Point:	N/A

10. Stability & Reactivity

Stable:	Yes
Conditions To Avoid:	N/A
Incompatibility (Materials To Avoid):	Strong reducers, acids, organics
Hazardous Decomposition Products:	Oxides of chromium

11. Toxicological Information

Oral mouse LD50: 190 mg/kg (potassium dichromate); potassium dichromate is a sensitizer--by skin contact--and a suspect human carcinogen.

Target Organs: Kidney Liver Lung Skin

Pre-Existing Conditions Aggravated By Exposure: damaged skin

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Do not flush to sewer. Dispose of as hazardous waste according to 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	7778-50-9 Potassium Dichromate	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			
7778-50-9 Potassium Dichromate	No	No	No	Chromium Compound	10	No	No
7732-18-5 Distilled Water	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**

7778-50-9 Yes Yes Yes No Yes
Potassium Dichromate

7732-18-5 No No No No No None Allocated None Allocated
Distilled Water

product Yes Yes No No No None Allocated None Allocated Yes
5159
as a whole

16. Other Information

Prepared By: IP, Regulatory Affairs Department

Revised: 9/27/2006
