



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: 5344

Product Description: Potassium Phosphate 1M
(Nutrient Solution #4)

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

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
	7778-77-0 Potassium Phosphate Monobasic (Potassium Dihydrogen Phosphate)	14		
	7732-18-5 Water	to 100%		

3. Hazards Overview

Primary Route Of Entry: Ingestion Skin

May irritate eyes and skin.

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:

Product Code: 5344

Product Description: Potassium Phosphate 1M
(Nutrient Solution #4)

4. First Aid Measures

Eye Contact: Flush thoroughly with water.

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

Ingestion: Drink plenty of water.

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 and flush down drain with excess water.

7. Handling & Storage

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

Product Code: 5344

Product Description: Potassium Phosphate 1M
(Nutrient Solution #4)

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Gloves Eye Protection

Work/Hygenic Practices: N/A

9. Physical & Chemical Properties

Appearance: Clear Colorless Liquid

Solubility In Water: Soluble

Odor: None

pH: 4

Vapor Density: <1 (Air=1)

Vapor Pressure: <17 @ 20 deg C

Boiling Point: >100 deg C

Melting Point: Unknown

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: N/A

Incompatibility (Materials To Avoid): N/A

Hazardous Decomposition Products: N/A

11. Toxicological Information

non-toxic

Target Organs: N/A

12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Flush down drain with excess water.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		

Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			

Product Code: 5344

Product Description: Potassium Phosphate 1M
(Nutrient Solution #4)

Ingredient	Acute	--- SARA 311/312 --- Hazard Categories			Reactivity	----- Australia -----		This MSDS Is WHMIS Compliant
		Chronic	Fire	Pressure		Hazchem Code	Poison Schedule	

product 5344
as a whole

16. Other Information

Prepared By: Regulatory Affairs Department

Revised: 7/11/2009
