



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: THS-2866

Product Description: pH 4.01 Buffer Solution

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

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	96118-96-6 Kathon CG/ICP preservative	<0.1	None Established	None Established
Yes	877-24-7 Potassium Acid Phthalate	1	None Established	None Established
No	7732-18-5 Water	to 100%	None Established	None Established

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion

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: THS-2866

Product Description: pH 4.01 Buffer Solution

4. First Aid Measures

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

Skin Contact: Flush affected area with water for 15 minutes. Wash skin with soap and water. If irritation persists contact physician.

Ingestion: Drink several glasses of water or milk to dilute. If irritation develops, 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: N/A

6. Accidental Release Measures

Rinse to drain with excessive amounts of water.

7. Handling & Storage

Store in cool, dry place.

Product Code: THS-2866

Product Description: pH 4.01 Buffer Solution

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves

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 mm Hg@ 20° C

Boiling Point: ca.100° C

Melting Point: N/A

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Temperature extremes

Incompatibility (Materials To Avoid): N/A

Hazardous Decomposition Products: N/A

11. Toxicological Information

Oral rat LDLo: 3200 mg/kg for potassium acid phthalate, solid

Target Organs: Skin

Product Code: THS-2866**Product Description:** pH 4.01 Buffer Solution

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	96118-96-6 Kathon CG/ICP (CAS# for Kathon CG)	Yes	No	No	No	No	No
Yes	877-24-7 Potassium Acid Phthalate	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			
96118-96-6 Kathon CG/ICP (CAS# for Kathon CG)	100lb	No	No	No	Yes	D002	Yes
877-24-7 Potassium Acid Phthalate	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

Product Code: THS-2866**Product Description:** pH 4.01 Buffer Solution

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

96118-96-6 Yes No No No No
Kathon CG/ICP (CAS# for Kathon CG)

None Allocated None Allocated

877-24-7 Yes No No No No
Potassium Acid Phthalate

None Allocated None Allocated

7732-18-5 No No No No No
Distilled Water

None Allocated None Allocated

product THS-2866 as a whole No No No No No None Allocated None Allocated Yes

16. Other Information

Keep out of reach of children.

Prepared By: Regulatory Affairs Department

Revised: 5/18/2009
