



# 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-3771

**Product Description:** Buffer Solution pH 4.01

**Manufactured By:** LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

### 2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	877-24-7 Potassium hydrogen phthalate	1	None Established	None Established
No	3734-67-6 Pontacyl Carmine 2G (Acid Red 1, Azophloxine)	0.0015	None Established	None Established
yes	96118-96-6 Kathon CG/ICP (CAS# for Kathon CG)	0.05	None Established	None Established
No	7732-18-5 Water	to 100%	None Established	None Established

### 3. Hazards Overview

**Primary Route Of Entry:** 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:**

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#### **4. First Aid Measures**

**Eye Contact:** Flush with water for 15 minutes. If irritation develops, contact physician.

**Skin Contact:** Flush area with water for 15 minutes. Wash with soap and water. If irritation develops, contact physician.

**Ingestion:** Drink several glasses of water to dilute. If irritation develops, contact physician.

**Inhalation:** Remove to fresh air.

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#### **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

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#### **6. Accidental Release Measures**

If unable to mop up spill, absorb spill onto inert material, and place in appropriate container. If able to mop up, rinse to drain with excess water.

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#### **7. Handling & Storage**

Store in cool, dry place.

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## **8. Exposure Controls/Personal Protection**

### **Ventilation**

Normal

### **Protection When Handling**

Eye Protection Lab Coat

**Work/Hygenic Practices:** N/A

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## **9. Physical & Chemical Properties**

**Appearance:** Clear Red Liquid

**Solubility In Water:** Soluble

**Odor:** None

**pH:** 4.01

**Vapor Density:** <1 (Air=1)

**Vapor Pressure:** <17 @20° C

**Boiling Point:** ca. 100° C

**Melting Point:** ca. 0° C

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## **10. Stability & Reactivity**

**Stable:** Yes

**Conditions To Avoid:** N/A

**Incompatibility (Materials To Avoid):** N/A

**Hazardous Decomposition Products:** N/A

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## **11. Toxicological Information**

**Target Organs:** 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	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	877-24-7 Potassium Acid Phthalate	Yes	Yes	Yes	No	Yes	Yes
No	3734-67-6 Dye, Pontacyl Carmine 2G (Acid Red 1, Azophloxine)	Yes	No	No	No	No	No
yes	96118-96-6 Kathon CG/ICP (CAS# for Kathon CG)	Yes	No	No	No	No	No
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			
877-24-7 Potassium Acid Phthalate	No	No	No	No	No	No	No
3734-67-6 Dye, Pontacyl Carmine 2G (Acid Red 1, Azophloxine)	No	No	No	No	No	No	No
96118-96-6 Kathon CG/ICP (CAS# for Kathon CG)	100lb	No	No	No	Yes	D002	Yes
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**

877-24-7    Yes    No    No    No    No    None Allocated    None Allocated  
Potassium Acid Phthalate

3734-67-6    No    No    No    No    No    None Allocated    None Allocated  
Dye, Pontacyl Carmine 2G (Acid Red 1, Azophloxine)

96118-96-6    Yes    No    No    No    No    None Allocated    None Allocated  
Kathon CG/ICP (CAS# for Kathon CG)

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

**product THS-3771 as a whole**    No    No    No    No    No    None Allocated    None Allocated    Yes

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**16. Other Information**

Keep out of reach of children.

**Prepared By:** Regulatory Affairs Department

**Revised:** 5/15/2009

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