



# 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:** 5227

**Product Description:** Universal Extracting Solution  
Concentrated

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

### 2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	64-19-7 Acetic Acid	18	10 ppm	25 mg/cubic m
Yes	6131-90-4 Sodium Acetate	60	N/E	N/E
	N/A Magnifloc 905N flocculant (polyacrylamide)	<0.1		
No	7732-18-5 Water	to 100%		

### 3. Hazards Overview

**Primary Route Of Entry:** Eye Skin Ingestion Inhalation

Vapors and liquid cause irritation to eyes, skin, and respiratory system. Harmful if swallowed.

#### HMIS Hazard

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

Health: 1      Flammability: 0      Reactivity: 1

**Carcinogenicity:** None:

**Other Health Related Comments:**

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

**Eye Contact:** Flush thoroughly with water. Consult physician.

**Skin Contact:** Flush thoroughly with water. Wash skin with soap and water.

**Ingestion:** Drink plenty of water. Consult 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**

Wear gloves and eye protection. Ventilate area. Mop up carefully. Flush down drain with excess water.

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

Store in cool, dry location area away from such incompatible materials as strong acids (sulfuric, nitric), ammonia, cyanides.

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

### **Ventilation**

Normal

Use with good ventilation. Strong 'vinegar' odor is irritating to eyes and respiratory system.

### **Protection When Handling**

Eye Protection Gloves Lab Coat

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

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

**Appearance:** Clear Colorless Liquid

**Solubility In Water:** Soluble

**Odor:** Vinegar

**pH:** 5

**Vapor Density:** Unknown

**Vapor Pressure:** Unknown

**Boiling Point:** Unknown

**Melting Point:** N/A

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## **10. Stability & Reactivity**

**Stable:** Yes

**Conditions To Avoid:** Heat

**Incompatibility (Materials To Avoid):** Strong oxidizers (nitric or sulfuric acid), metals

**Hazardous Decomposition Products:** COx, acetic acid vapor

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## **11. Toxicological Information**

Oral rat LD50: 3310 mg/kg for acetic acid, conc. Investigated as a mutagen, reproductive effector.

**Target Organs:** Eyes Respiratory System Skin

**Pre-Existing Conditions Aggravated By Exposure:** asthma; impaired respiratory system

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**12. Ecological Information**

Information Not Yet Available

**13. Disposal Considerations**

Wear gloves and eye protection. Pour down drain with excess running water. 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	64-19-7 Acetic Acid	Yes	Yes	Yes	No	Yes	Yes
Yes	127-09-3 Sodium Acetate, anhydrous	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			
64-19-7 Acetic Acid	No	No	No	No	5000	No	No
127-09-3 Sodium Acetate, anhydrous	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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--- SARA 311/312 ---

----- Australia -----

**Hazard Categories**

**Hazchem  
Code**

**Poison  
Schedule**

**This MSDS Is  
WHMIS Compliant**

**Ingredient**

**Acute**

**Chronic**

**Fire**

**Pressure**

**Reactivity**

64-19-7  
Acetic Acid

Yes

Yes

Yes No

Yes

2P

S6

127-09-3  
Sodium Acetate, anhydrous

Yes

No

No No

No

None Allocated

None Allocated

7732-18-5  
Distilled Water

No

No

No No

No

None Allocated

None Allocated

**product  
5227  
as a whole**

Yes

No

No No

No

None Allocated

None Allocated

Yes

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**16. Other Information**

**Prepared By:** IP, Regulatory Affairs Department

**Revised:** 7/31/2006

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