

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: 5704

Product Description: Phosphorus Extracting Solution

Manufactured By: LaMotte Company

802 Washington Avenue  
Chestertown, MD 21620

## 2. Composition/Information On Ingredients

| Hazard | CAS#/Name                   | %       | PEL    | TLV           |
|--------|-----------------------------|---------|--------|---------------|
| Yes    | 64-19-7<br>Acetic Acid      | 3       | 10 ppm | 25 mg/cubic m |
| Yes    | 6131-90-4<br>Sodium Acetate | 10      | N/E    | N/E           |
| No     | 7732-18-5<br>Water          | to 100% |        |               |

## 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:

Your  
Agribusiness  
College in  
Southern  
Minnesota

South Central  
TECHNICAL COLLEGE  
MANKATO CAMPUS  
Kib  
T +

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**1. First Aid Measures**

**Eye Contact:** Flush with water for 15 minutes.

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

**Ingestion:** Drink several glasses of water.

**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**

Mop up and flush down drain with excess water.

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**7. Handling & Storage**

Store in cool, dry area away from incompatible materials.

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**8. Exposure Controls/Personal Protection**

**Ventilation**

Normal

**Protection When Handling**

Eye Protection Gloves

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

**Incompatibility (Materials To Avoid):** Strong acids

**Hazardous Decomposition Products:** N/A

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**11. Toxicological Information**

Non-toxic

**Target Organs:** N/A

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**12. Ecological Information**

Information Not Yet Available

**13. Disposal Considerations**

Pour down drain with excess 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<br>Acetic Acid                | Yes  | Yes    | Yes            | No   | Yes       | Yes   |
| Yes    | 127-09-3<br>Sodium Acetate, anhydrous | Yes  | Yes    | Yes            | No   | Yes       | Yes   |
| No     | 7732-18-5<br>Distilled Water          | Yes  | Yes    | Yes            | No   | Yes       | Yes   |

**Federal, State, & International Regulations**

| Ingredient                            | --- SARA 302 --- |     | ----- SARA 313 ----- |                   | CERCLA | RCRA<br>261.33 | TSCA<br>8(D) |
|---------------------------------------|------------------|-----|----------------------|-------------------|--------|----------------|--------------|
|                                       | RQ               | TPQ | Listed               | Chemical Category |        |                |              |
| 64-19-7<br>Acetic Acid                | No               | No  | No                   | No                | 5000   | No             | No           |
| 127-09-3<br>Sodium Acetate, anhydrous | No               | No  | No                   | No                | No     | No             | No           |
| 7732-18-5<br>Distilled Water          | No               | No  | No                   | No                | No     | No             | No           |

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| Ingredient                             | Acute | -- SARA 311/312 --<br>Hazard Categories |      |          |            | ----- Australia ----- |                    | This MSDS Is<br>WHMIS Compliant |
|--|-------|---|------|----------|------------|-----------------------|--------------------|---------------------------------|
|  |       | Chronic                                 | Fire | Pressure | Reactivity | Hazchem<br>Code       | Poison<br>Schedule |                                 |
| 64-19-7<br>Acetic Acid                 | Yes   | Yes                                     | Yes  | No       | Yes        | 2P                    | S6                 |                                 |
| 127-09-3<br>Sodium Acetate, anhydrous  | Yes   | No                                      | No   | No       | No         | None Allocated        | None Allocated     |                                 |
| 7732-18-5<br>Distilled Water           | No    | No                                      | No   | No       | No         | None Allocated        | None Allocated     |                                 |
| <b>product<br/>5704<br/>as a whole</b> | No    | No                                      | No   | No       | No         | None Allocated        | None Allocated     | Yes                             |

**16. Other Information**

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

**Revised:** 8/1/2006