

MATERIAL SAFETY DATA SHEET

LaMOTTE COMPANY
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TELEPHONE # FOR INFORMATION 410-778-3100

24 Hour Emergency Number (CHEM-TEL) 800-255-3924

1. PRODUCT IDENTIFICATION

Hardness #7 Reagent

Code Nr. 4487

2. HAZARDOUS INGREDIENTS

| NAME | CAS # | TSCA # | % | PEL | TLV |
|---|-----------|--------|--------|--------------|---------------|
| Diethylene glycol monoethyl ether | 111-90-0 | | 0-<0.1 | N/E | N/E |
| 7-Ethyl-2-Methyl-4-undecanoisulfate, sodium salt (Tergitol 4) | 139-88-8 | | <.02 | N/E | N/E |
| Sodium Hydroxide | 1310-73-2 | | <.04 | 2 mg/cubic m | C 2mg/cubic m |
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3. NON-HAZARDOUS INGREDIENTS EXCEPT WATER (7732-18-5)

| NAME | CAS # | % |
|--------------------|-----------|------|
| EDTA disodium salt | 6381-92-6 | 1 |
| Magnesium Chloride | 7791-18-6 | <0.1 |
| Water to 100% | | |
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4. PHYSICAL DATA

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|------------------------------------|---------------------------|-----------------------------|------------------|
| Appearance: Clear Colorless Liquid | | | |
| Solubility in Water: Soluble | Odor: None | Boiling Point: ca. 100 degC | Melt. Point: N/A |
| Vapor Pressure: <17 @ 20 deg C | Vapor Density: <1 (Air=1) | pH: 4 | |

5. FIRE AND EXPLOSION DATA

| | | |
|---|---------------------------|----------|
| Flash Point (method used): N/A | Flammable Limit: LEL: N/A | UEL: N/A |
| Extinguishing Media: Not a fire hazard | | |
| HMIS Hazard: Health - 0 Flammability - 0 Reactivity - 0 Scale: 4 - Extreme, 3 - High, 2 - Moderate, 1 - Slight, 0 - Least | | |
| Special Fire Fighting Procedures: N/A | | |
| Unusual Fire & Explosion Hazard: N/A | | |

6. REACTIVITY DATA

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|---|---|
| Stability: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable | Conditions to avoid: Temperature extremes |
| | Incompatibility (Materials to avoid): N/A |
| | Hazardous Decomposition Products: N/A |

7. HEALTH HAZARD DATA

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|--|--|
| Toxicity: Unknown | |
| Primary Route of Entry: <input type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion <input type="checkbox"/> Skin <input type="checkbox"/> N/A | Carcinogenicity: <input checked="" type="checkbox"/> None <input type="checkbox"/> OSHA <input type="checkbox"/> NTP <input type="checkbox"/> IARC |
| Other Health Related Comments: | |
| Target Organs: N/A | |
| Signs and symptoms of exposure: May be harmful if swallowed. | |
| Medical Condition Aggravated by Exposure: N/A | |

8. EMERGENCY FIRST AID PROCEDURES

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| Eye Contact: Flush thoroughly with water. |
| Ingestion: Drink water. Consult a physician. |
| Inhalation: N/A |
| Skin Contact: Flush with water and wash with soap and water. |

9. SPILL AND DISPOSAL PROCEDURES

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| Spill and leak: Mop up and flush down drain with water. |
| Disposal: Flush down drain with water. Dispose according to federal, state and local regulations. |

10. PRECAUTIONARY MEASURES

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| In Handling: <input type="checkbox"/> Gloves <input checked="" type="checkbox"/> Eye Protection <input type="checkbox"/> N/A <input type="checkbox"/> Other: |
| Ventilation: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Mechanical <input type="checkbox"/> Respiratory Protection |
| Work Hygienic Practices: N/A |

11. SPECIAL PRECAUTIONS

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| DATE: 1/7/05 | The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide. |
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This is a toxic chemical subject to reporting requirements of section 313 of EPCRA and 40CFR372.