

MATERIAL SAFETY DATA SHEET

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

1. PRODUCT IDENTIFICATION

Silver Nitrate 0.141N

Code Nr. 3062

2. HAZARDOUS INGREDIENTS

| NAME | CAS # | TSCA # | % | PEL | TLV |
|------------------|-----------|--------|-----|--------------------------|--------------------------|
| ^ Silver Nitrate | 7761-88-8 | | 2.4 | 0.01 mg/cubic m as Ag | 0.01 mg/cubic m as Ag |
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3. NON-HAZARDOUS INGREDIENTS EXCEPT WATER (7732-18-5)

| NAME | CAS # | % |
|---------------|-------|---|
| 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: 5 | |

5. FIRE AND EXPLOSION DATA

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|--|---------------------------|----------------|---|
| Flash Point (method used) N/A | Flammable Limit: LEL: N/A | UEL: N/A | |
| Extinguishing Media: Not a fire hazard | | | |
| HMIS Hazard: Health - 1 | 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 | Conditions to avoid: Heat, light |
| <input type="checkbox"/> Unstable | Incompatibility (Materials to avoid): N/A |
| | Hazardous Decomposition Products: N/A |

7. HEALTH HAZARD DATA

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|---|--|
| Toxicity: unk man LDLo: 29 mg/kg for Silver Nitrate solid | |
| Primary Route of Entry: <input type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin <input type="checkbox"/> N/A | Carcinogenicity: <input checked="" type="checkbox"/> None <input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC |
| Other Health Related Comments: | |
| Target Organs: N/A | |
| Signs and symptoms of exposure: May stain skin. Harmful if swallowed. | |
| Medical Condition Aggravated by Exposure: N/A | |

8. EMERGENCY FIRST AID PROCEDURES

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| Eye Contact: Immediately flush with water for 15 minutes. Consult a physician. |
| Ingestion: Rinse out mouth. Induce vomiting. Call a doctor immediately. |
| Inhalation: N/A |
| Skin Contact: Flush thoroughly with water. Remove affected clothing and wash skin with soap and water. |

9. SPILL AND DISPOSAL PROCEDURES

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| Spill and Leak: Wear gloves to mop up. Flush spill area with water. Collect spilled liquid & treat as follows: |
| Disposal: Precipitate the silver with dilute hydrochloric acid. Collect the solid and dispose of as hazardous waste. Neutralize liquid & flush to drain. Dispose according to federal, state and local regulations. |

10. PRECAUTIONARY MEASURES

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| In Handling: <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Eye Protection <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Other: Lab Coat |
| Ventilation <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Mechanical <input type="checkbox"/> Respiratory Protection |
| Work/Hygiene Practices: Avoid contact with skin and clothing. Silver nitrate stains are not easily removed. |

11. SPECIAL PRECAUTIONS

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|---------------------|--|
| Store out of light. | |
| DATE: 7/23/01 | The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide. |

^ This is a toxic chemical subject to reporting requirements of section 313 of EPCRA and 40CFR372.