MATERIAL SAFETY DATA SHEET

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

1. PRODUCT IDENTIFICATION

Chloride Test Solution *Code Nr.* **5111**

2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
^ Silver Nitrate	7761-88-8		5	0.01 mg/cubic m as Ag	0.01 mg/cubic m as Ag

3. NON-HAZARDOUS INGREDIENTS EXCEPT WATER (7732-18-5)

NAME	CAS #	%
Water to 100%		

4. PHYSICAL DATA

Appearance: Clear Colorless Liquid

Solubility in Water: Soluble	*Odor:* None	*Boiling Point:* Unknown	*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 - 2 *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

Stability:
☒ *Stable*
☐ *Unstable*

Conditions to avoid: Heat, light

Incompatibility (Materials to avoid):
N/A

Hazardous Decomposition Products: N/A

7. HEALTH HAZARD DATA

Toxicity: unk man LDLo: 29 mg/kg for solid silver nitrate

Primary Route of Entry: ☐ *Inhalation* ☒ *Skin* ☒ *Ingestion* ☐ *N/A*

Carcinogenicity: ☒ *None* ☐ *NTP* ☐ *OSHA* ☐ *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

Eye Contact: Immediately flush with water for 15 minutes. Consult a physician.

Ingestion: Rinse out mouth. Drink glass of water. Get prompt medical attention.

Inhalation:
Remove to fresh air.

Skin Contact:
Flush thoroughly with water. Remove affected clothing and wash skin with soap and water. Consult physician.

9. SPILL AND DISPOSAL PROCEDURES

Spill and Leak:
Wear gloves to mop up carefully and wash spill area with water. Collect spilled liquid. Treat as follows or send to hazardous waste disposal.

Disposal:
Do not flush to sewer. Precipitate the silver with dilute HCl and sodium chloride. collect the solid and dispose of as hazardous waste. Neutralize the liquid and flush to drain with water. Dispose according to federal, state and local regulations.

10. PRECAUTIONARY MEASURES

In Handling: ☒ *Gloves* ☒ *Eye Protection* ☐ *N/A* ☒ *Other:* Lab Coat

Ventilation ☒ *Normal* ☐ *Mechanical* ☐ *Respiratory Protection*

Work/Hygienic Practices: Avoid contact with skin.

11. SPECIAL PRECAUTIONS

Store out of light.

DATE: 6/26/02

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.