



Section 1. Product and Company Identification

Product Name Silver Lactate

Parchem - fine & specialty chemicals

415 Huguenot Street

New Rochelle, NY 10801

(914) 654-6800 (914) 654-6899

parchem.com info@parchem.com

EMERGENCY RESPONSE NUMBER
CHEMTEL

Toll Free US & Canada: 1 (800) 255-3924

All other Origins: 1 (813) 248-0585

Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Not classified as a hazardous substance or mixture

GHS Label Elements

Pictograms: N/A

Signal word: N/A

Hazard and precautionary statements: None

Eye Contact: Will cause immediate or delayed severe eye irritation.

Skin contact: May produce irritation or contact dermatitis. Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effects.

Inhalation: Inhalation of dust or particulates may irritate the respiratory tract.

Oral Toxicity: not determined

Chronic Toxicity: The absorption of silver compounds into the circulation and subsequent deposition of reduced silver may result in the production of greyish pigmentation in the skin and mucous membranes, a condition known as argyria.

Section 3. Composition / Information on Ingredients

Common Name Silver Lactate

Synonym(s) Lactic Acid, Silver Salt

Formula $C_2H_5O_3Ag \cdot H_2O$

Section 4. First Aid Measures

Eyes: In case of contact, immediately flush eyes with flowing water for at least 15 minutes. Get medical attention.

Skin: Flush with water, then wash with soap and water.

Inhalation: Move exposed individual to fresh air. Administer oxygen if needed. Call a physician.

Ingestion: Never give fluids or induce vomiting if patient is unconscious or having convulsions. Get medical attention.



Section 5. Firefighting Measures

Flash Point (COC): N/A
Auto-ignition Temperature: N/A

Flammability Limits

LEL: N/A
UEL: N/A

Extinguishing Media: Water spray, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Avoid eye and skin contact. Do not breathe fumes or inhale vapors.

Unusual Fire and Explosion Hazards: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

Section 6. Accidental Release Measures

Spill Response: Sweep material and transfer to a suitable container for disposal.

Recommended Disposal: Dispose of as solid waste. Follow all chemical pollution control regulations.

Section 7. Handling and Storage

Storage and Handling: Store in sealed containers.

Section 8. Exposure Controls / Personal Protection

Ventilation: Local exhaust is required. Mechanical is recommended.

Respiratory Protection: If exposure exceeds TLV, NIOSH approved dust and mist respirator.

Eye and Face Protection: Chemical worker's goggles. Do not wear contact lenses.

Other Clothing and Equipment: Rubber, neoprene or nitrile gloves. An eyewash and emergency shower should be available. Launder clothing before reuse.

Section 9. Physical and Chemical Properties

Boiling Point: NA

Melting Point: 120-2°C dec

Specific Gravity: > 1

Vapor Pressure, 25°: < 0.1mm

Vapor Density: N/A

Solubility in water: soluble

% volatiles: < 3

Evaporation rate: N/A



Molecular Weight: 196.94/214.97

Other: N/A

Appearance & Color: White to gray powder

Section 10. Stability and Reactivity

Stability: Stable at room temperature.

Conditions to avoid: Oxidizing agents, soluble carbonates and phosphates, sulfuric acid.

Hazardous decomposition products: Organic acid and organic vapors and silver oxide fumes.

Section 11. Toxicological Information

No data available

Section 12. Ecological Information

No data available

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Not regulated

Section 15. Regulatory Information

HMIS Rating

Health: 2

Flammability: 1

Reactivity: 0

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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