

MATERIAL SAFETY DATA SHEET

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Section I: IDENTIFICATION

Product Name: **Silver Nitrate 0.1 to1%**

Date Prepared: 08/19/03 *Date Revised*:* 11/02/06

Item Number(s): 400497, 400516, 400517

Emergency Phone, Infotrac: 800-535-5053

Section II: INGREDIENTS

<i>Component(s):</i>	<i>CAS Number</i>	<i>OHSA PEL, ACGIH TLV/STEL</i>	<u>NFPA*</u>	
Silver Nitrate 0.1%	7761-88-8	*0.01 mg/m3	Health	3
			Flammability	0
			Reactivity	0

*Value are for concentrated material, not concentration provided

Section III: PHYSICAL DATA

<i>Boiling Point:</i>	~212°F	<i>Specific Gravity (H₂O = 1):</i>	~1
<i>Vapor Pressure mm Hg/20 °C:</i>	NE	<i>Percent Volatile by Vol:</i>	NA
<i>Vapor Density (Air 1:1):</i>	NE	<i>Evaporation Rate (ether = 1):</i>	>1
<i>Solubility in H₂O:</i>	Complete	<i>Appearance & Odor:</i>	Clear liquid, odorless

Section IV: FIRE/EXPLOSION HAZARD

Flash Point: Non-Flammable *Flammable Limits:* LEL: NA UEL: NA

Extinguishing Media: Water Spray, dry chemical, CO₂ and foam

Special Fire Fighting Procedures: Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation. Do not use direct water stream.

Unusual Fire & Explosion Hazards: None known

Section V: REACTIVITY

Stability: Stable *Material to Avoid:* None known

Hazardous Decomposition or Byproducts: Nitrates

Hazardous Polymerization: Does not occur *Conditions to Avoid:* Normal laboratory care

Section VI: HEALTH HAZARDS

Routes of Entry: Inhalation, Skin and Ingestion

Acute/Chronic: Product is not expected to cause health hazards in the concentration presented.

Carcinogenicity: Not classified as a human carcinogen.

Signs/Symptoms of Exposure: Irritant.

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Section VI: HEALTH HAZARDS

Emergency First Aid:

- Skin:** Remove contaminated clothing and change. Wash affected skin area with soap and water. Will stain skin on contact.
- Eyes:** Thoroughly flush eyes with water. Contact a physician if irritation persist.
- Ingestion:** Rinse mouth thoroughly with water, provided person is conscious and contact a physician.
- Inhalation:** Remove person to fresh air. If not breathing, give artificial respiration and contact physician.

Section VII: SAFE HANDLING

Chemical Release or Spill: Isolate the spill area with sand, or other absorbent material. Place all contaminated material in a closed container for disposal.

Waste Disposal Method: All liquid and or contaminated material should be disposed of in DOT approved waste containers. Comply with all Federal, State and Local regulations for disposal.

Precautions for Handling and Storing: Normal laboratory care

Section VIII: CONTROL MEASURES

Respiratory Protection: Not normally required.

Ventilation: Mechanical exhaust is sufficient

Protective Gloves: Chemical resistant *Eye Protection:* Safety glasses

Other Protective Clothing or Equipment: Normal laboratory apparel as suggested by Good Laboratory Practices

Work/Hygienic Practices: Wash thoroughly with soap and water after handling.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. HealthLink shall not be held liable for any damage resulting from handling or contact with this product.

*Change due to customer request. No substantial changes since prepared date.

HealthLink
3611 St. Johns Bluff Road South, Suite 1, Jacksonville, FL 32224
904-996-7758