

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME : SILVER NITRATE

Section 1 Identification						Section 6 Accidental Release Measures			
Product Number:	C2480					Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.			
Product Name:	Silver Nitrate Reagent A.C.S., Crystal		Health:	3		Section 7 Handling and Storage			
Trade/Chemical Synonyms			Flammability	0		Store in a safe, dry place. Avoid contact with organics. DO NOT store in wooder, cardboard or paper cantainer.			
Formula:	AgNO ⁿ		Reactivity	1		Section 8 Exposure Controls & Personal Protection			
RTECS:	VW4725000		Hazard Rating:			Respiratory Protection:R57A (American Optical) HEPA type			
C.A.S	CAS# 7761-88-8		Lea Slig Moder Hig Extre st ht ate h me 0 1 2 3 4 NA = Not Applicable NE = Not Established			Mechanica I: <input type="checkbox"/> Hand Elbow Protectio length n: Neopren e			
Section 2 Component Mixture						Ventilatio n: Local Exhaust: <input checked="" type="checkbox"/> Eye Goggles Protectio or face n: mask			
Serial	Component	CAS Number	%	Dim	Exposure Limits:	Other Protective Equipment: Rubber or plastic apron			
313	Silver Nitrate	CAS# 7761-88-8	100%	W/W	OSHA PEL 0.01 mg(Ag)/mf	Section 9 Physical and Chemical Properties			
Section 3 Hazard Identification (Also see section 11)						Melting Point: 212 Deg C Specific Gravity 4.35			
Heat, shock, friction, or contact with other materials may cause fire or explosion. Harmful if swallowed. Avoid breathing vapor or dust. Use adequate ventilation. Avoid contact with eyes, skin or clothes. Wash thoroughly after handling. Keep closed.						Boiling Point: Information not available Percent Volatile by Volume: 0			
Section 4 First Aid Measures						Vapor Pressure: Not volatile Evaporatio n Rate: Information not available			

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FIRST AID: CALL A PHYSICIAN. SKIN: Remove contaminated clothing. Wash exposed area with soap and water.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.
 INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

Section 5 Fire Fighting Measures

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire
Fire/Explosion Hazards:	Not flammable
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Vapor Density:	Information not available	Evaporation Standard:	
Solubility in Water:	Soluble (952 gr/100 ml water)	Auto ignition Temperature:	Does not ignite
Appearance and Odor:	White odorless crystals	Lower Flamm. Limit in Air:	Not applicable
Flash Point:	Not flammable	Upper Flamm. Limit in Air:	Not applicable

Section 10 Stability and Reactivity Information

Stability: Stable

Conditions to Avoid: Sunlight, Heat (Decomposes @ 444 deg C.)

Materials to Avoid: Organics, reducing agents.

Hazardous Decomposition Products: Nitrogen oxides

Hazardous Polymerization: Will Not Occur

Condition to Avoid: None known

Section 11 Additional Information

Conditions aggravated/target organs: Causes severe skin and eye burns. Skin discoloration occurs with contact. May be fatal if swallowed. Harmful if inhaled. If swallowed, do not induce vomiting, give victim a glass of water and call a physician or poison control center immediately.

DOT Classification: Silver Nitrate, 5.1, UN1493, PG II

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

Revision No: 0.2	Date Entered: 9/1/2006	Approved by: WPF
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