

Material Safety Data Sheet

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24 Hour Emergency Assistance

Section 1 Identification					
Product Number:	C2487				
Product Name:	Silver Nitrate Solution 0.01 N in Isopropanol				
Trade/Chemical Synonyms					
Formula:	ASTM D3227				
RTECS:	None				
C.A.S	See Below				
Section 2 Component Mixture					
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	0.8%	v/v	None Established
<input checked="" type="checkbox"/>	Isopropyl Alcohol (2-propanol)	CAS# 67-63-0	Balance	v/v	OSHA TWA 400 ppm, STEL 500 ppm
<input type="checkbox"/>	Silver Nitrate	CAS# 7761-88-8	0.17%	w/v	OSHA PEL 0.01 mg (Ag)/mf
Section 3 Hazard Identification (Also see section 11)					
Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.					
Section 4 First Aid Measures					
Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.					
FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.					
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 6 Accidental Release Measures					
Eliminate Ignition Sources. Neutralize with: Soda lime, soda ash. Absorb with vermiculite or other inert material. Place in container.					
Section 7 Handling and Storage					
Keep away from heat and flame. Do not get in eyes, on skin, on clothing. Use with adequate ventilation.					
Section 8 Exposure Controls & Personal Protection					
Respiratory Protection: Organic Vapor Cartridge					
Mechanical: <input type="checkbox"/> Hand Protection: NIOSH Approved Gloves					
Local Exhaust: <input checked="" type="checkbox"/> Eye Protection: Splash Goggles					
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure					
Section 9 Physical and Chemical Properties					
Melting Point:		-89°C		Specific Gravity	
Boiling Point:		82°C		Percent Volatile by Volume:	
Vapor Pressure:		33 mm Hg @ 25°C		Evaporation Rate:	
Vapor Density:		2.1 (air=1)		Evaporation Standard:	
Solubility in Water:		Soluble		Auto ignition Temperature:	
Appearance and Odor:		Clear colorless liquid/ mild odor		Lower Flamm. Limit in Air:	
Flash Point:		12°C closed up		Upper Flamm. Limit in Air:	
Section 10 Stability and Reactivity Information					
Stability: Stable Conditions to Avoid: Avoid heat and ignition sources					
Materials to Avoid: Strong oxidizers, metals, strong bases, amines					
Hazardous Decomposition Products: Carbon Oxides					
Hazardous Polymerization: Will Not Occur					
Condition to Avoid: None known					
Section 11 Additional Information					
Conditions aggravated/Target organs: Persons with preexisting skin, eye, respiratory disorders may be more susceptible. Acute: Irritation to skin, eyes, lungs, mucous membranes and GI tract, nausea, narcosis, drowsiness, dizziness. Chronic: Dermatitis, eye damage. Skin discoloration occurs with contact.					

## Section 5 Fire Fighting Measures

Fire Extinguisher Water spray, dry chemical, carbon dioxide, alcohol foam  
 Type:

Fire/Explosion Hazards: FLAMMABLE! Vapor air mixtures are explosive within flammable limits noted. Vapors may travel to distant ignition source and flash back.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

DOT Classification: Flammable Liquid, n.o.s., (Isopropanol), 3, UN1993, PG II

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

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