

Product Name	Silver Nitrate (AF Grade) 0.0282 N
Product Type	RXSOL-60-6281-100

Company Details:

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SARA 313 Component	CAS Number	Percent Comp.	Dimension
Exposure			
Limits			
1,2-Propanediol(Propylene Glycol)	CAS# 57-55-6		
~35%			
V/V	Silver Nitrate	CAS# 7761-88-8	~0.5%
CAS# 7732-18-5	Balance	V/V	None Established
			W/V
			OSHA PEL0.01
			Water, Deionized ASTM Type II

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Emergency Overview: Warning! Causes Severe Eye Irritation. Harmful If Swallowed Or Inhaled. Causes Irritation To Skin And Respiratory Tract. Affects Eyes, Skin And Respiratory Tract.

Inhalation: Effects are Expected to be Less Severe than for Exposure to Higher Concentrations where Symptoms Include Irritation to the Respiratory Tract with Coughing and Shortness of Breath.

Ingestion: Effects should be Less Severe than Through Exposure to Higher Concentrations of Silver Nitrate which may Include Symptoms of Pain and Burning in Mouth, Blackening of the Skin and Mucous Membranes, Throat and Abdomen, Diarrhea and Shock. A Poison in Higher Concentrations.

Skin: Effects are Expected to be Less Severe than from Exposure to Higher Concentrations where Symptoms Include Irritation to the Skin with Redness, Itching and Pain. May Cause Bluish Discoloration of Skin.

Eye Contact: Corrosive! Effects should be Less Severe than from Exposure to Higher Concentrations where Symptoms Include Blurred Vision, Redness, Pain and Burns to Eye Tissue and Possible Permanent Eye Damage.

Chronic Exposure: Repeated Application, Inhalation, or Ingestion of Silver Nitrate can Cause Permanent Bluish Discoloration of the Skin, Conjunctiva and Mucous Membrane.

Aggravated by Exposure: Persons with Pre-Existing skin Disorders or Eye Disease May be more Susceptible to the Effects of this Substance.

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

SKIN:

Remove contaminated clothing. 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. If not breathing, give artificial respiration. If breathing is difficult, give oxygen giving two glasses of water. Never give anything by mouth to an unconscious person

INHALATION:

Remove to fresh air. If

INGESTION:

If swallowed, induce vomiting immediately after

Fire Extinguisher Type:

Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazards:

None

Fire Fighting Procedure:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

Ventilate area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth), and Place in a in a Chemical Waste Container. Do Not Use Combustible Materials,such as Saw Dust. Do Not Flush to Sewer! S Regulations (CERCLA)Require Reporting Spills and Releases to Soil, Water and Air in Excess of Reportable Quantities.

Store in a cool dry place. Do not get in eyes, on skin,on clothing. Wash thoroughly after handling

Respiratory Protection

None required	Ventilation		
Local			
OTHER	Mechanical		
Protective Gloves	Gloves to prevent skin exposure as rubber or vinyl	EYE PROTECTION	Splash Goggles
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure		

BOILING POINT	information not available	VAPOR PRESSURE	not available	MELTING POINT	information
not available	VAPOR DENSITY	not available	EVAPORATION RATE	information not available	Appearance
/Odors	Colorless liquid, mildodor	Flash Point			

Not applicable

Specific Gravity	information not available	Percent Volatile by	~60%	Evaporation Standard
Auto Ignition Temp				

Not applicable

	Lower Flamm. Limit in Air	Not applicable	Upper Flamm. Limit in Air	Not applicable	Solubility in Water
Soluble					

STABILITY

Stable

CONDITIONS TO AVOID

High temperatures, Light

MATERIALS TO AVOID

Halides, Ammonia, Phospahtes

HAZARDOUS DECOMPOSITION PRODUCTS

oxides of carbon, nitrogen

HAZARDOUS POLYMERIZATION

will not occur

Conditions to Avoid	None known
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NTP Carcinogen - Known: No, IARC Category- None

Environmental Fate: This material is not expected to significantly Bioaccumulate.

Environmental Toxicity: No Information Found..

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

Components listed on TSCA Inventory

Conditions aggravated/target organs: Persons with pre-existing skin, eye or respiratory disorders are more susceptible. Overexposure symptoms. Acute: Slight irritation to skin, eyes, mucous membranes, and GI tract. Stains skin. Effects of overexposure. Acute and chronic: Harmful by inhalation, ingestion, skin absorption. May cause eye and skin irritation and central nervous system problems. May cause GI disturbances, nausea, headache and vomiting. Target organs: None. Persons with pre-existing

Flammability

Health

Reactivity

Revisions

NFPA 6/22/2010 0.1 updated msds to 16 section from 10 section msds. STN

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