

## SILVER NITRATE SOLUTION, 0.1N

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** SILVER NITRATE SOLUTION, 0.1N  
**Product Code:** TR 070  
**CAS#:** Not available  
**CI#:** Not available  
**Synonym:** Not available  
**Chemical Name:** Not available  
**Chemical Formula:** Not available  
**Formula Weight:** Not available

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

No components need to be disclosed according to the applicable regulations.

**Name:** Silver Nitrate Solution, 0.1n

**Toxicological Data on  
Ingredients:**

H330, R23; H311, R24; H301, R25; H319, R36; H335, R37; H315, R38.

### SECTION 3: HAZARDS IDENTIFICATION

**Potential Acute Health Effects:** Hazardous in case of eye contact (irritant)

**Carcinogenic Effects:** Not available

**Mutagenic Effects:** Not available

**Teratogenic Effects:** Not available

**Developmental Toxicity:** Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** May cause serious eye irritation, check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. WARM water MUST be used. Get medical attention if irritation occurs.

**Skin Contact:** May cause skin irritation. Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

**Serious Skin Contact:** May cause skin irritation. Seek medical attention.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Seek medical attention.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Serious Ingestion:** Not available

### SECTION 5: FIRE FIGHTING MEASURES

**Flammability of the Product:** May be combustible at high temperature

**Flash Points:** Not available

**Flammable Limits:** Not available



**Products of Combustion:** Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>)

**Fire Hazards in Presence of Various Substances:** Slightly flammable to flammable in presence of heat.

**Explosion Hazards in Presence of Various Substances:**

**Risks of explosion of the product in presence of mechanical impact:** Not available. Explosive in presence of open flames and sparks

**Fire Fighting Media and Instructions:**

**Small Fire:** Use dry chemical powder

**Large Fire:** Use water spray, fog or foam. Do not use water jet.

**Special Remarks on Fire Hazards:** Fire is possible at elevated temperatures.

**Special Remarks on Explosion Hazards:** Not Available

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Small Spill:** Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Absorb on sand or vermiculite and place enclosed containers for disposal. Ventilate area.

**Large Spill:** Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Absorb on sand or vermiculite and place enclosed containers for disposal. Ventilate area.

### SECTION 7: HANDLING AND STORAGE

**Precautions:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.

**Storage:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

**Personal Protection in Case of a Large Spill:** Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not available.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance Form</b>	: Clear Colorless Solution.
<b>Odour</b>	: No data available
<b>Taste</b>	: No data available
<b>Molecular Weight</b>	: No data available
<b>Colour</b>	: Not Applicable
<b>pH</b>	: No data available
<b>Boiling Point</b>	: No data available
<b>Melting Point</b>	: No data available
<b>Critical Temperature</b>	: Not Available
<b>Relative Density</b>	: Not Available
<b>Vapor Pressure</b>	: Not Applicable
<b>Vapor Density</b>	: Not Available
<b>Volatility</b>	: Not Available

Odor Threshold	: Not Available
Water/Oil Dist. Coeff.	: Not Available
Ionicity (in Water)	: Not Available
Dispersion Properties	: Not Available
Solubility	: Not Available

#### SECTION 10: STABILITY AND REACTIVITY DATA

**Stability:** The product is stable.

**Instability Temperature:** Not available

**Conditions of Instability:** Excess heat, dust generation

**Incompatibility with various substances:** Reactive with oxidizing agents

**Corrosivity:** Non-corrosive in presence of glass.

**Special Remarks on Reactivity:** Not available

**Special Remarks on Corrosivity:** Not available

**Polymerization:** Not available

#### SECTION 11: TOXICOLOGICAL INFORMATION

**Routes of Entry:** Inhalation. Ingestion

**Toxicity to Animals:**

**LD<sub>50</sub>:** Not Available

**LC<sub>50</sub>:** Not Available

**Chronic Effects on Humans:** Not Available

**Other Toxic Effects on Humans:** Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation

**Special Remarks on Toxicity to Animals:** Not available

**Special Remarks on Chronic Effects on Humans:** Avoid prolonged or repeated inhalation of vapor.

**Special Remarks on other Toxic Effects on Humans:**

#### SECTION 12: ECOLOGICAL INFORMATION

**Eco toxicity:** Not available

**BOD and COD:** Not available

**Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** Not available

**Special Remarks on the Products of Biodegradation:** Not available

#### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

#### SECTION 14: TRANSPORT INFORMATION

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable

**Special Provisions for Transport:** Not applicable

#### SECTION 15: OTHER REGULATORY INFORMATION



**Federal and State Regulations:** TSCA 8(b) inventory: Not Available

**Other Regulations:** Not available

**Other Classifications:**

**WHMIS (Canada):** Not controlled under WHMIS (Canada)

**DSCL (EEC):**

This product is not classified according to the EU regulations. Not applicable

**HMIS (U.S.A.):**

**Health Hazard:** 3

**Fire Hazard:** 1

**Reactivity:** 0

**Personal Protection:** E

**National Fire Protection Association (U.S.A.)**

**Health:** 3

**Flammability:** 1

**Reactivity:** 0

**Specific hazard:** Not Available

**Protective Equipment:** Gloves, Lab coat, Safety glasses, Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Absorb on sand or vermiculite and place enclosed containers for disposal. Ventilate area - be sure to use an approved/certified respirator or equivalent.

#### SECTION 16: OTHER INFORMATION

**References: Full text of H AND R-Statements**

H301, R25 – Toxic if swallowed.

H311, R24 – Toxic in contact

with skin. H319, R36 – Cause

serious eye irritation. H315, R38

– Cause skin irritation.

H335, R37 – May Cause respiratory irritation. H330, R23 – Fatal if inhaled.

**Other Special Considerations:** Not available

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