

**MATERIAL SAFETY DATA SHEET**  
(MSDS Sheet is in compliance with 29CFR 1910. 1200)

**Manufacturer:**  
IMEB INC.  
170 Vallecitos De Oro, Suite A  
San Marcos, CA 92069  
Chemtrec: 800-424-9300

**Date Prepared:** 01/01/2000  
**CAT #:** K7148-1

**Product Trade name:** Stabilized Silver Nitrate Solution  
**Product Description:** Fontana Masson Stain Kit

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**Section I Hazardous Composition Information**

Hazardous Components	CAS No.	OSHA PEL	ACGIH / TLV	TWA
Silver Nitrate	7761-88-8	n/a	n/a	0.01 mg/m2

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**Section II Physical and Chemical Characteristics**

**Specific Gravity:** 1.1 @ 77 F  
**Solubility in Water:** Soluble  
**SP. Gravity of Vapor:** n/a  
**Evaporation Rate (n-Bu Acetate = 1):** n/a  
**Vapor Pressure:** n/a  
**Viscosity:** n/a  
**Boiling Point:** 188 F  
**Color:** Colorless                      **Odor:** Slight synthetic odor                      **State:** Liquid

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**Section III Stability and Reactivity**

**Stability:** Stable.  
**Conditions to Avoid:** n/a  
**Hazardous Polymerization:** Will not occur.  
**Incompatible Materials:** Strong Alkalines, Metals.  
**Hazardous Decomposition Products:** Products of biodegradation are toxic Nitric Oxides.

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**Section IV Fire and Explosion Data**

**Flashpoint:** Non-Flammable  
**Flammable Limits:**                      **LEL:** n/a                      **UEL:** n/a  
**Autoignition Temperature:** n/a  
**Extinguishing Media:** Foam, Dry Chemical, Water.  
**Special Fire Fighting Procedure:** n/a  
**Decomposition Products Under Fire Conditions:** n/a

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**Section V Health Hazard Data**

**Acute Health Effects:**

**Eye Contact:** May result in cornea damage and blindness.  
**Skin Contact:** Slightly dangerous in case of skin contact. May cause inflammation and blistering. Corrosive to skin.  
**Inhalation:** No inhalation hazard identified from available data.  
**Ingestion:** May be fatal if ingested.

## Chronic Health Effects:

**Eye Contact:** Prolonged exposure will cause damage to cornea and result in blindness.

**Skin Contact:** Prolonged exposure will produce local skin destruction.

**Inhalation:** No inhalation hazard identified from available data.

**Ingestion:** May be fatal if ingested.

**Medical Conditions Aggravated by Exposure:** Repeated exposure to a toxic material may produce general deterioration of health by accumulation.

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## Section VI Emergency First Aid Procedures

**Eye Contact:** Flush eye with copious amounts of water or saline solution. Seek Medical Attention.

**Skin Contact:** Wash contact area with soap and water. Seek medical attention if symptoms persist.

**Inhalation:** This product is not anticipated to produce an inhalation hazard under normal working conditions.

**Ingestion:** Do not induce vomiting. If victim is not breathing, perform mouth to mouth resuscitation. Seek immediate medical assistance.

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## Section VII Spill, Disposal and Storage Methods

**Accidental Spill:** Immediately inform employees. Wear gloves, goggles, and absorb spill with absorbent material. Clean spill with soap and water. Never use bleach or products containing chlorine or sodium hyposulfites.

**Waste Disposal:** All waste must be disposed in accordance to local, state, and federal regulations.

**Storage:** Store in original container or LDPP, HDPE or any plastic container. Do not store in metal containers. Store at room temperature.

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## Section VIII Personal Protection and Handling

**Ventilation:** No special ventilation protection is recommended under anticipated conditions of normal use.

**Respiratory Protection:** No special respiratory protection is recommended under anticipated conditions of normal use.

**Eye Protection:** Wear goggles or splash shield.

**Protective Gloves:** Wear latex gloves or impermeable protective gloves.

**Other Protective Clothing or Equipment:** Wear lab apron.

**Hygienic Practices:** Wash hands before meals or breaks.

**State and Federal Regulations:** Superfund Amendments and Reauthorization Act of 1996 [SARA] Title IV requires submission of annual report release of toxic chemicals that appear in 40 CFR, 372. This information must be included in all MSDS's that are copied and distributed for this material. Components present in this product at a level which would require reporting under the statute are: SILVER NITRATE

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