

# **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:** 02/05/1999  
**CAT #:** K7028-3

**Product Trade name:** Safranin Stain Solution

**Product Description:** Brown And Brenn Gram's Traditional Stain Kit

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**Section I Hazardous Composition Information**

<b>Hazardous Components</b>	<b>CAS No.</b>	<b>OSHA PEL</b>	<b>ACGIH / TLV</b>	<b>TWA</b>
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This product does not contain hazardous chemicals in compliance with 29 CFR 1910.1200. This product does not contain any known harmful chemicals known to be a carcinogen or cause reproductive harm in statute to Federal and State regulations.

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**Section II Physical and Chemical Characteristics**

**Specific Gravity:** 1.0 (Water = 1.0)@ 77 F

**Solubility in Water:** Soluble

**SP. Gravity of Vapor:** n/a (Air = 1.0 @ 60 –90 Degrees F)

**Evaporation Rate (n-Bu Acetate = 1):** n/a

**Vapor Pressure:** n/a

**Viscosity:** n/a

**Boiling Point:** 100 C

**Color:** Dark Amber

**Odor:** Synthetic

**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 acids, strong bases, chlorine by products.

**Hazardous Decomposition Products:** Products of biodegradation are Carbon Monoxide.

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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 Spray, CO2, Sand

**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:** No eye irritation hazard identified from available data.

**Skin Contact:** No skin irritation hazard identified from available data.

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

**Ingestion:** No ingestion hazard identified from available data.

## Chronic Health Effects:

**Eye Contact:** Prolonged exposure may cause slight eye irritation and sensitization.

**Skin Contact:** No skin irritation hazard identified from available data.

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

**Ingestion:** No ingestion hazard identified from available data.

**Medical Conditions Aggravated by Exposure:** n/a

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

**Skin Contact:** Wash contact area with soap and water.

**Inhalation:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Ingestion:** Not expected to present immediate significant ingestion hazard.

## **Section VII Spill, Disposal and Storage Methods**

**Accidental Spill:** Immediately inform employees. Wear gloves and goggles and absorb spill with absorbent material such as sand or paper towel. Spill area can be washed with soap and water.

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

**Storage:** Store in original container or LDPE, HDPE or any plastic container. Store at room temperature.

## Section VIII      Personal Protection and Handling

**Ventilation:** Work in well ventilated area.

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

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

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

**Other Protective Clothing or Equipment:** No special equipment is required under anticipated conditions of normal use beyond that needed for normal comfort control.

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

## **Federal and State Regulations: n/a**

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