

# MATERIAL SAFETY DATA SHEET

(MSDS Sheet is in compliance with 29CFR 1910. 1200)

**Manufacturer:**

IMEB INC.  
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San Marcos, CA 92069  
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**Date Prepared:** 01/01/2000**CAT #:** K7068-3**Product Trade name:** Alcohol Solution**Product Description:** Congo Red-Amyloid Stain Kit

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**Section I Hazardous Composition Information**

| Hazardous Components | CAS No. | OSHA PEL   | ACGIH / TLV | TWA      |
|----------------------|---------|------------|-------------|----------|
| Alcohol, Denatured   | 64-17-5 | 1900 mg/m3 | n/a         | 1000 ppm |

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**Section II Physical and Chemical Characteristics****Specific Gravity:** 0.89 (Water = 1.0)@ 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:** 168 F**Color:** Gin White**Odor:** Alcohol**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, Alkalines, Chlorine by-products.**Hazardous Decomposition Products:** Products of biodegradation are Carbon Monoxide; Carbon Dioxide and Nitrogen Dioxide.

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**Section IV Fire and Explosion Data****Flashpoint:** 60 F**Flammable Limits:** LEL: 6% UEL: 40%**Autoignition Temperature:** 750 F**Extinguishing Media:** Foam, Dry Chemical, Water Spray, CO2**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:** Causes burning sensation to the eyes.**Skin Contact:** May irritate skin upon contact.**Inhalation:** May irritate lungs and nasal lining.**Ingestion:** May be toxic by ingestion.

## Chronic Health Effects:

**Eye Contact:** Prolonged contact may cause blindness.

**Skin Contact:** Prolonged contact to skin can cause irritation.

**Inhalation:** Prolonged inhalation of vapors may lead to chronic respiratory irritation and unconsciousness.

**Ingestion:** May be toxic by ingestion.

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

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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:** Remove employee to well ventilated area. Seek medical attention if symptoms persist.

**Ingestion:** Do not induce vomiting. Remove objects blocking air passage if person is unconscious. Seek Immediate Medical Attention.

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## 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 LDPP, HDPE or any plastic container except PolyCarbonate and Polystyrene. Store at room temperature away from direct sparks, flame and electrical devices.

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## Section VIII                      Personal Protection and Handling

**Ventilation:** Use mechanical ventilation.

**Respiratory Protection:** Use MSHA/NIOSH approved organic respirator.

**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.

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

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