

**MATERIAL SAFETY DATA SHEET**  
(MSDS Sheet is in compliance with 29CFR 1910.1200)

**Manufacture:**

**IMEB INC.**

**170 Vallecitos De Oro, Suite A**

**San Marcos, CA 92069**

**Chemtrec: 800-424-9300**

**Product Trade name: Freeze Fix**

**Product Description: Tissue Fixative**

**Date Prepared: 01/20/98**

**Item #: B5Z-100**

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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>
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This Product contains non-hazardous components and hazardous substances below reportable hazardous levels as defined in 29 CFR1910.1200

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**Section II Physical and Chemical Characteristics**

**Specific Gravity:** 1.10 at 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 :** 1.3 at 77 F

**Boiling Point:** 94 F

**Color:** Gin White

**Odor:** Odorless

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**Section III Stability and Reactivity**

**Stability:** Stable

**Conditions to Avoid :** Avoid direct contact with flame or acids.

**Hazardous Polymerization:** n/a

**Incompatible Materials:** Strong Acids, Alkalines, Chlorine by-products.

**Hazardous Decomposition Products:** n/a

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**Section IV Fire and Explosion Data**

**Flashpoint:** Non-flammable

**Flammable Limits:** **LEL:** n/a **UEL:** n/a

**Autoignition Temperature:** 640 Degrees F approximately

**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 cause burning sensation and eye irritation.

**Skin Contact:** None

**Inhalation:** None

**Ingestion:** May cause stomach discomfort.

### Chronic Health Effects:

**Eye Contact:** Prolonged contact may cause injury to eye tissue.

**Skin Contact:** Prolonged contact may cause dehydration of skin tissue.

**Inhalation:** n/a

**Ingestion:** Large amounts may cause severe stomach discomfort.

**Carcinogen:** NO

**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.

**Inhalation:** Remove to fresh air.

**Ingestion:** Drink copious amounts of water and seek immediate medical attention.

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## Section VII Spill, Disposal and Storage Methods

**Accidental Spill:** Immediately inform employees. Wear gloves and dike area with sand or absorbent material. Absorb spill with sand, absorbent material, paper towel or mop and dispose in waste container or in septic drain with water. 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 or LDPE, HDPE or Stainless Steel containers or any plastic container except PolyCarbonate.

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## Section VIII Personal Protection and Handling

**Ventilation:** Use mechanical fume hood or regular ventilation.

**Respiratory Protection:** n/a

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

**Protective Gloves:** Wear latex gloves or chemical resistant gloves.

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

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

**State and Federal Regulations:** None

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