

**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  
Chemtrek: 800-

**Date Prepared:** 07/29/98  
**Item #:** ME-160

**Product Trade name:** Modified Eosin  
**Product Description:** Biological Stain Solution

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**Section I Hazardous Composition Information**

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Ethanol	64-17-5	1900mg/	1900mg/

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**Section II Physical and Chemical Characteristics**

**Specific Gravity:**  
**Solubility in Water :** Soluble  
**SP. Gravity of Vapor:** n/a  
**Evaporation Rate (n-Bu Acetate = 1):**  
**Vapor Pressure:** n/a  
**Viscosity :** 0.89 at 77 F  
**Boiling Point:** F

**Color:** Pink-Orange                      **Odor:** Alcoholic

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**Section III Stability and Reactivity**

**Stability:** Stable  
**Conditions to Avoid :** None Known  
**Hazardous Polymerization:** Will not occur  
**Incompatible Materials:** Strong Acids, Alkalines, Sodium Hyposulfites, Oxidizers, Aldehydes  
**Hazardous Decomposition Products:** May evolve n/a

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**Section IV Fire and Explosion Data**

**Flashpoint:**  
**Flammable Limits:**                      **LEL:**                      **UEL:**  
**Autoignition Temperature:**  
**Extinguishing Media:**  
**Special Fire Fighting Procedure:** n/a  
**Decomposition Products Under Fire Conditions:** Evolution of explosive vapors.

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**Section V Health Hazard Data**

**Acute Health Effects:**

**Eye Contact:** May cause eye irritation.  
**Skin Contact:** May cause skin irritation.  
**Inhalation:** May cause drowsiness and nausea.  
**Ingestion:** May be fatal if ingested.

## Chronic Health Effects:

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

**Skin Contact:** Prolonged contact may cause skin irritation and dehydration.

**Inhalation:** Prolonged inhalation may cause unconsciousness.

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

**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 well ventilated area. Seek medical attention if symptoms persist.

**Ingestion:** If victim is conscious, induce vomiting. Seek immediate medical attention. If victim is unconscious, do not induce vomiting. Remove any objects that may interfere with breathing and seek immediate medical attention.

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## Section VII Spill, Disposal and Storage Methods

**Accidental Spill:** Immediately inform employees. Turn off electrical equipment. Wear gloves, goggles and approved respirator. Dike area with sand or absorbent material. Absorb spill with sand, absorbent material, paper towel or mop and dispose in waste container. 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 LDPP, HDPE or any plastic container except polystyrene. Do not store in metal containers for long durations of time. Product is considered Flammable. Do not store near flame, heating devices or electrical equipment.

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## Section VIII Personal Protection and Handling

**Ventilation:** Use mechanical ventilation.

**Respiratory Protection:** Wear approved NIOSH organic respirator.

**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 Local Regulations:** Massachusetts 105 CMR 670.00 RIGHT TO KNOW, substance list presents this product at a level which could require reporting under the statute, are: Ethanol

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THIS INFORMATION RELATES TO THE SPECIFIC TRADE NAME PRODUCT DESIGNATED ON THIS MSDS SHEET. INFORMATION IS TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE COMPILED. NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. WE DO NOT ACCEPT LIABILITY FOR ANY LOSS OR DAMAGE THAT MAY OCCUR FROM THE USE OF THIS INFORMATION.