

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

Manufacturer:
IMEB INC.
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CAT #: FF-100

Product Trade name: Formalin Free Fixative
Product Description: Biological Tissue preservative

Section I Hazardous Composition Information

| Hazardous Components | CAS No. | OSHA PEL | ACGIH / TLV | TWA |
|----------------------|---------|----------|-------------|-----|
| Acetic Acid | 64-19-7 | n/a | n/a | n/a |

Section II Physical and Chemical Characteristics

Specific Gravity: .87 (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: 170 F

Color: Colorless - Straw colored **Odor:** Slight odor **State:** Liquid

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; Carbon Dioxide Dioxide.

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;
Special Fire Fighting Procedure: n/a
Decomposition Products Under Fire Conditions: n/a

Section V Health Hazard Data

Acute Health Effects:

Eye Contact: May cause slight eye irritation.

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 will cause eye irritation and possibly chemical burns to eyes

Skin Contact: Prolonged exposure may cause skin irritation and redness

Inhalation: No inhalation hazard identified from available data

Ingestion: Ingestion in large quantities may cause stomach discomfort. Repeated absorption may cause health deterioration.

Medical Conditions Aggravated by Exposure: n/a

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

Ingestion: Do not induce vomiting. Drink 3 glasses of water along with anti-acid tablets or liquids. Seek medical attention.

Section VII Spill, Disposal and Storage Methods

Accidental Spill: Immediately inform employees. Wear gloves and goggles and absorb spill with absorbent material. 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. Store at room temperature.

Section VIII Personal Protection and Handling

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

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

Eye Protection: Wear goggles or splash resistant eyewear.

Protective Gloves: Wear latex gloves or impermeable protective gloves.

Other Protective Clothing or Equipment: No special clothing or equipment is necessary under anticipated conditions of normal use beyond needed for normal comfort and safety control.

Hygienic Practices: Wash hands before meals or breaks.

Federal and State Regulations: n/a

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