

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:** Formaldehyde 37%**Product Description:** B-5(Mercuric Chloride) Fixative kit component**Date Prepared:** 09/02/97**Item #:** S120FK4

Section I Hazardous Composition Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Formaldehyde	50-00-0	0.75ppm	2ppm

Section II Physical and Chemical Characteristics

Specific Gravity: 0.89 @ 77 F**Solubility in Water :** Soluble**SP. Gravity of Vapor:** n/a**Evaporation Rate (n-Bu Acetate = 1):** n/a**Vapor Pressure:** 1950mm of Hg @ 20 C**Viscosity :** n/a**Boiling Point:** 64.5C (148.1F) based on data for : Methyl Alcohol**Color:** Colorless**Odor:** Pungent aromatic aldehyde odor

Section III Stability and Reactivity

Stability: Stable**Conditions to Avoid :** Do not allow solution to dry.**Hazardous Polymerization:** n/a**Incompatible Materials:** Strong Acids, Alkalines, Chlorine by-products.**Hazardous Decomposition Products:** Decomposition into formic acid.

Section IV Fire and Explosion Data

Flammability of Product: Combustible**Flashpoint:** 60 C (140 F) closed cup**Flammable Limits:** LEL: 6%**UEL:** 36.5%**Autoignition Temperature:** 430 C (806 F)**Extinguishing Media:** Foam, Dry Chemical, Water,**Special Fire Fighting Procedure:** Fight fire from safe distance. Product is combustible.**Decomposition Products Under Fire Conditions:** Produces acrid smoke and fumes.

Section V Health Hazard Data

Acute Health Effects:

Eye Contact: May cause blindness

Skin Contact: May cause skin irritation

Inhalation: May be cause coughing and irritation to sinus, trachea, and lungs.

Ingestion: May be fatal if ingested

Chronic Health Effects:

Eye Contact: Prolonged contact may cause blindness

Skin Contact: Prolonged contact may cause chemical burns to skin.

Inhalation: Formaldehyde is a known Carcinogen and may cause cancer by repeated inhalation.

Ingestion: May be fatal if ingested

Carcinogen: IARC: Yes NTP: Yes OSHA: Yes

Medical Conditions Aggravated by Exposure: This product contains formaldehyde which has been classified by OSHA/NIOSH and the State of California as a Carcinogen. Repeated exposure may cause Cancer, or general deterioration of health by accumulation.

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. If irritation persist, seek Medical attention.

Inhalation: Remove victim to well ventilated area.

Ingestion: Seek immediate medical attention.

Section VII Spill, Disposal and Storage Methods

Accidental Spill: Immediately inform surrounding employees. Wear gloves, goggles, and approved respirator. Dike area with sand or absorbent material. Absorb spill with absorbent and neutralize spill with Formalin and Acid Neutralizers. Discard waste. Clean spill area 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 PolyCarbonate. Do not store in metal containers. Product is light sensitive. Avoid prolonged contact with white light. Do not store in temperatures above 100 F for prolonged periods of time. Product is combustible. Do not store near fire, flame, or heating devices.

Section VIII Personal Protection and Handling

Ventilation: Use mechanical fume hood.

Respiratory Protection: Use NIOSH approved 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.

Federal Regulations: 37% Pennsylvania Right-to Know, Hazardous Substance List, Hazardous Substances and Special Hazardous Substances on the list must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are:

Formaldehyde

37% Massachusetts Right -To-Know, Substance list (MSL) hazardous Substances and Extraordinarily hazardous Substances on the MSL must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are:

Formaldehyde

Warning: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Chemical ingredient(s) requiring this warning:

Formaldehyde

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.