

MATERIAL SAFETY DATA SHEET

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

Manufacturer:**IMEB INC.****170 Vallecitos De Oro, Suite A****San Marcos, CA 92069****Chemtrec: 800-424-9300****Product Trade name:** Malachite Green Stain Solution**Product Description:** Biological Tissue Stain Solution**Date Prepared:** 008/11/98**CAT #:** Custom malachite Green Sol.

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:** 1.1 (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:** 200 F**Color:** Green/Blue**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

Medical Conditions Aggravated by Exposure: This product contains a chemical known in the State of California to cause Birth Defects and other reproductive harm.

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: This product contains a chemical known in the State of California to cause birth defects and other reproductive harm: Acetic Acid

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.