

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

Date Prepared: 12/03/98

CAT #: K7294-3

Product Trade name: Beibrich's Scarlet/ acid fuchsin solution

Product Description: Masson Modified IMEB Trichrome Stain Kit Component

Section I Hazardous Composition Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH / TLV	TWA
Picric Acid	88-89-1	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: 189 F

Color: Deep Rose

Odor: Synthetic mild odor

State: Liquid

Section III Stability and Reactivity

Stability: Stable

Conditions to Avoid : Do not allow solution to dry and crystallize into a white dry salt.

Explosive: Risk of explosion on mechanical impact of dry salt.

Hazardous Polymerization: Will not occur

Incompatible Materials: Strong Oxidizers, Metals, Strong Metals

Hazardous Decomposition Products: Products of biodegradation are Carbon Monoxide, Sulfur Dioxide, and explosive trinitro-compounds

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, Sand

Special Fire Fighting Procedure: n/a

Decomposition Products Under Fire Conditions: May form explosive trinitro-compounds

Section V Health Hazard Data

1 of 2 Masson Modified IMEB Trichrome Stain Kit MSDS

K7294-3-12/98

Acute Health Effects:

Eye Contact: May cause eye irritation

Skin Contact: May cause skin irritation

Inhalation: No inhalation hazard identified from available data

Ingestion: Exposure by ingestion may be toxic

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 mild burns

Inhalation: No inhalation hazard identified from available data

Ingestion: Repeated exposure by ingestion may cause general deterioration of health by accumulation in one or more human organs. Accumulated exposure may be fatal

Medical Conditions Aggravated by Exposure: This product contains Picric Acid which is known to cause birth defects and target organ damage by repeated exposure and accumulation by permeation and oral ingestion.

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 symptoms persist seek medical attention.

Inhalation: Not expected to present an inhalation hazard under anticipated conditions of normal use.

Ingestion: If person is conscious, INDUCE VOMITING. Drink several glasses of water or milk before inducing. Seek immediate medical attention.

Section VII Spill, Disposal and Storage Methods

Accidental Spill: Immediately inform employees. Wear gloves and goggles. Absorb spill with acid neutralizing absorbent. If not available, add baking soda to spill, followed with an absorbent material such as sand or paper towels. Spill area can be washed with soap and water. Do not allow liquid to air dry. Precipitates formed after drying are considered EXPLOSIVE.

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. Corrosive to metals. Store in Refrigerator.

Section VIII Personal Protection and Handling

Ventilation: Work in well ventilated area.

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: Wear a rubber or plastic lab apron.

Hygienic Practices: Wash hands before meals or breaks.

Federal and State Regulations: This product contains a chemical classified by OSHA/NTP as a 2 and 2B type Carcinogen: Basic Fuchsin

Massachusetts 'Right To Know', substance list (MSL) hazardous substances & Extraordinary hazardous Substance on the MSL must be identified when present in products and components presented in this product at a level which requires reporting under the statute are : Picric 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.