

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

Manufacturer:
IMEB INC.
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Date Prepared: 12/03/98
CAT #: K7308-3

Product Trade name: Hematoxylin Nuclear Stain Solution
Product Description: Periodic / Schiff's Stain Kit Component

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
Aluminum Sulfate	17927-65-0	n/a	n/a	0.14 ppm

Section II Physical and Chemical Characteristics

Specific Gravity: 1.01 (water = 1.0)@ 77 F
Solubility in Water : Soluble
SP. Gravity of Vapor: 1.6 (Air = 1.0 at 60 -90 Degrees F)
Evaporation Rate (n-Bu Acetate = 1): n/a
Vapor Pressure: 1.0 mm Hg @ 68 F
Viscosity : 28 cps @ 70 F
Boiling Point: 220 F
Color: Purple **Odor:** Sweet Aromatic odor **State:** Liquid

Section III Stability and Reactivity

Stability: Stable
Conditions to Avoid : n/a
Hazardous Polymerization: Will not occur
Incompatible Materials: Reactive with strong oxidizing agents
Hazardous Decomposition Products: Products of biodegradation are Carbon Monoxide and Sulfur Oxides

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: n/a

Section V Health Hazard Data

Acute Health Effects:

Eye Contact: Contact with eyes may cause 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 may cause eye irritation

Skin Contact: Prolonged exposure may cause irritation and sensitization to skin

Inhalation: No inhalation hazard identified from available data

Ingestion: Repeated exposure by ingestion may cause stomach discomfort.

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. Seek medical attention if symptoms persist.

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

Ingestion: If person is conscious, INDUCE VOMITING. Drink several glasses of water or milk before inducing. 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, such as sand or paper towel. Spill area can be washed with soap and water. Do not use detergents that contain bleach or chlorine.

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. Solution can be temporarily stored in Stainless Steele containers. Store at room temperature. Product is LIGHT SENSITIVE, store used and unused solutions in cool, dark area or sealed container when not in use.

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 chemical resistant gloves or impermeable protective gloves.

Other Protective Clothing or Equipment: No special equipment is required under anticipated conditions of normal use beyond that needed for normal comfort control.

Hygienic Practices: Wash hands before meals or breaks.

Federal and State Regulations: n/a

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