

MATERIAL SAFETY DATA SHEET

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

Manufacturer:
IMEB INC.
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CAT #: K7018-4

Product Trade name: Toluidine Blue Solution
Product Description: Alcian Yellow/Toluidine Blue Stain Kit Component

Section I Hazardous Composition Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH / TLV	TWA
Sodium Hydroxide	1310-73-2	n/a	n/a	n/a

Section II Physical and Chemical Characteristics

Specific Gravity: .97 (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: 89 C

Color: Navy Blue **Odor:** Odorless **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 and Hydrogen

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 eye irritation upon contact.

Skin Contact: May cause skin irritation upon contact.

Inhalation: No inhalation hazard identified from available data.

Ingestion: Ingestion may be toxic.

Chronic Health Effects:

Eye Contact: Prolonged and repeated contact to eyes may cause irritation and chemical burns to cornea.

Skin Contact: Prolonged and repeated contact to skin may cause irritation and mild chemical burns to skin.

Inhalation: No inhalation hazard identified from available data.

Ingestion: Repeated ingestion may be toxic.

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: Do not induce vomiting. Have conscious person drink 4-7 glasses of milk and seek immediate 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. Do not use detergents that contain sodium hypochlorites 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 . 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: None

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