

MATERIAL SAFETY DATA SHEET

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

Manufacturer:

IMEB INC.
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Date Prepared: 02/ 3/98**CAT #:** K7018-1**Product Trade name:** Periodic Acid Solution**Product Description:** Alcian Yellow/Toluidine Blue Stain Kit Component

Section I Hazardous Composition Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH / TLV	TWA
Periodic Acid	10450-60-9	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:** Colorless**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 be toxic by repeated absorption.

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.

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: n/a

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