

MSDS**Material Safety Data Sheet**

24 HOUR EMERGENCY TELEPHONE NUMBER CALL CHEMTREC 1-800-424-9300
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Solution B, Thiazine Reagent (Wescor)

Section I: PRODUCT IDENTIFICATION**Name:** Solution B, Thiazine Reagent (for use on the Wescor Aerosprayer®)**Azer Scientific Product Number:** ES943, ES944**Product Description:** Thiazine Reagent Solution**Cas No:** Not Applicable to mixtures**Formula:** Mixture**Revision Date:** 22 January 2007

Section II: HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

<u>Non-Hazardous Component(s):</u>	<u>CAS Number</u>
Methylene Blue	7220-79-3

<u>OHSA PEL, ACGIH TLV/STEL</u>
NA

<u>NFPA</u>	Health	0
	Flammability	0
	Reactivity	0

Section III: PHYSICAL / CHEMICAL COMPOSITION
Boiling Point: 100°F**Vapor Pressure mm Hg/20°C:** NE**Vapor Density (Air 1:1):** NE**Solubility in H₂O:** Complete**Specific Gravity (H₂O = 1):** ~1**Percent Volatile by Vol:** NA**Evaporation Rate (ether = 1):** > 1**Appearance & Odor:** Blue Liquid/Odorless

Section IV: FIRE/EXPLOSION HAZARD DATA
Flash Point: Non-Flammable **Flammable Limits:** LEL: NA UEL: NA**Extinguishing Media:** Water Spray, Dry Chemical, CO₂ and Foam for Alcohol

Special Fire Fighting Procedures: Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation. Do not use direct water stream.

Unusual Fire & Explosion Hazards: May give-off toxic fumes under fire conditions.

Section V: REACTIVITY DATA

Stability: Stable

Material to Avoid: Normal Laboratory Care

Hazardous Decomposition or Byproducts: Oxides of carbon, nitrogen

Hazardous Polymerization: Does not occur

Conditions to Avoid: Normal Laboratory Care

Section VI: HEALTH HAZARD DATA

Routes of Entry: Inhalation, Skin and Ingestion

Acute/Chronic: Product is not expected to cause health hazards when utilizing good laboratory practices and the concentration present in the product. Eye and skin irritant. Poisonous if swallowed.

Carcinogenicity: Not classified as a human carcinogen.

Signs/Symptoms of Exposure: Vision blurring, drowsiness and headache.

******* Emergency First Aid *******

Skin: Remove contaminated clothing and change. Wash affected skin area with soap and water.

Eyes: Thoroughly flush eyes with water. Contact a physician if irritation persists.

Ingestion: Rinse mouth thoroughly with water, provided person is conscious and contact a physician.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration and contact physician.

Section VII: SAFE HANDLING

Chemical Release or Spill: Isolate the spill area with sand, or other absorbent material. Place all contaminated material in close container for disposal.

Waste Disposal Method: All liquid and or contaminated material should be disposed of in DOT approved waste containers. Comply with all Federal, State and Local regulations for disposal.

Precautions for Handling and Storing: Normal Laboratory Care

Section VIII: CONTROL MEASURES

Respiratory Protection: Not normally required.

Ventilation: Mechanical exhaust is sufficient

Protective Gloves: Chemical resistant

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: Normal laboratory apparel suggested by Good Laboratory Practices

Work/Hygienic Practices: Wash thoroughly with soap and water after handling.

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