

MATERIAL SAFETY DATA SHEET

1 OF 2

Section I: IDENTIFICATION

Product Name: Solution B, Thiazine Reagent

(for use on the Wescor Aerosprayer®)

Date Prepared: 01/01

Item Number(s): 5341, 5345

Emergency Phone: 800-441-0366

Section II: HAZARDOUS INGREDIENTS

<i>Non-Hazardous Component(s):</i>	<i>CAS Number</i>	<i>OHSA PEL, ACGIH TLV/STEL</i>	<i>NFPA</i>
Methylene Blue	7220-79-3	NA	Health 0 Flammability 0 Reactivity 0

Section III: PHYSICAL DATA

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

Section IV: FIRE/EXPLOSION HAZARD

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

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 HAZARDS

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.

MATERIAL SAFETY DATA SHEET

Hematology Soln B, Thiazine Reagent, 2 OF 2

Section VI: HEALTH HAZARDS

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.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Astraldiagnosics shall not be held liable for any damage resulting from handling or contact with this product.