

MATERIAL SAFETY DATA SHEET

1 OF 2

Section I: IDENTIFICATION

Product Name: Methylene Blue; New
(Brecher Formula)

Date Prepared: 03/07/02 *Date Revised*:* 11/01/06

Item Number(s): 400215, 400216, 400224

Emergency Phone, Infotrac: 800-535-5053

Section II: HAZARDOUS INGREDIENTS

<i>Non-Hazardous Component(s):</i>	<i>CAS Number</i>	<i>OHSA PEL, ACGIH TLV/STEL</i>	<i>NFPA</i>	
New Methylene Blue N <1%	6586-05-6	NA	Health	0
Potassium Oxalate <2%	6487-48-5	NA	Flammability	0
			Reactivity	0

Section III: PHYSICAL DATA

Boiling Point: 100°C

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

Flash Point: Non-Flammable

Flammable Limits: LEL: NA UEL: NA

Extinguishing Media: Water spray, dry chemical, CO₂ and foam

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: Strong oxidizers

Hazardous Decomposition or Byproducts: Oxides of carbon, halogenated compounds and metallic oxides

Hazardous Polymerization: Does not occur

Conditions to Avoid: Excessive heat

Section VI: HEALTH HAZARDS

Routes of Entry: Inhalation, Skin and Ingestion; Dust is toxic to lungs and mucous membranes

Acute/Chronic: Product is not expected to cause health hazards as a solution when utilizing good laboratory practices.

Carcinogenicity: Not classified as a human carcinogen.

Signs/Symptoms of Exposure: Headache, eye, skin and respiratory irritation.

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NMB N, 2 OF 2

Section VI: HEALTH HAZARDS

Emergency First Aid:

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

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

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 closed 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. HealthLink shall not be held liable for any damage resulting from handling or contact with this product.

*Change due to customer request. No substantial changes since prepared date.

HealthLink
3611 St. Johns Bluff Road South, Suite 1, Jacksonville, FL 32224
904-996-7758