

**SECTION I NAME**

**24 HOUR EMERGENCY ASSISTANCE**

<b>Product</b>	Methylene Blue Solution, 1% (aq)
<b>Chemical Synonyms</b>	
<b>Formula</b>	See Section II
<b>RTECS #</b>	—
<b>C.A.S. No.</b>	See Section II

<b>CHEMTREC</b> 800-424-9300 Day (312) 468-3700	<b>HEALTH</b>	1		
	<b>FLAMMABILITY</b>	0		
	<b>REACTIVITY</b>	0		
<b>HAZARD RATING</b>				
LEAST	SLIGHT	MODERATE	HIGH	EXTREME
0	1	2	3	4

**SECTION II HAZARDOUS INGREDIENTS OF MIXTURES**

Principal Hazardous Component(s)	%	TLV Units
NA = Not Applicable Methylene Blue CAS#61-73-4	1.0	NE
NE = None Established Water	balance	

**SECTION III PHYSICAL DATA**

<b>Melting Point (°F)</b>	-0°C	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	-1
<b>Boiling Point (°F)</b>	-100°C	<b>Percent Volatile by Volume (%)</b>	NA
<b>Vapor Pressure (mm Hg)</b>	NA	<b>Evaporation Rate ( = 1)</b>	NA
<b>Vapor Density (Air = 1)</b>	NA		
<b>Solubility in Water</b>	NA		
<b>Appearance and Odor</b>	Clear blue solution, no odor.		

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

<b>Flash Point (Method Used)</b>	NA	<b>Flammable Limits in Air % by Volume</b>	Lower	Upper
<b>Extinguisher Media</b>	Use any medium suitable for extinguishing supporting fire.			

**SPECIAL FIREFIGHTING PROCEDURES**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with a full facepiece operated in the pressure demand or other positive pressure mode.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Not considered to be a fire hazard. Not considered to be an explosion hazard.

**D.O.T.** Not Regulated

Approved by U.S. Department of Labor "essentially similar" to form OSHA-174

**SECTION V HEALTH HAZARD DATA**

**Threshold Limited Value** See Section II.

**Effects of Overexposure**

Acute: Possible irritation to eyes and GI tract. Stains skin. Chronic: None known.

**Emergency and First Aid Procedures**

Skin: Wash exposed area with soap and water. Get medical advice if irritation develops. Eyes: Wash eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately. Inhalation: Not expected to require first aid measures. Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician immediately.

**SECTION VI REACTIVITY DATA**

<b>Stability</b>	Unstable	<b>Conditions to Avoid</b>	None
	Stable	X	

**Incompatibility (Materials to avoid)**

Strong acids, strong bases, oxidizers.

**Hazardous Decomposition Products**

None known.

**Hazardous Polymerization**

**Conditions to Avoid** None

<b>May Occur</b>	Will Not Occur
	X

**SECTION VII SPILL OR LEAK PROCEDURES**

**Steps to be taken in case material is released or spilled**

Dilute with excess water.

**Waste Disposal Method**

Flush to drain with excess water.

Discharge, treatment, or disposal may be subject to federal, state, or local laws.

**SECTION VIII SPECIAL PROTECTION INFORMATION**

<b>Respiration Protection (Specify Type)</b>	None needed normally		
<b>Ventilation</b>	Local Exhaust	X	Special
	Mechanical (General)	X	Other
<b>Protective Gloves</b>	Vinyl or Rubber	<b>Eye Protection</b>	Goggles
<b>Other Protective Equipment</b>	Lab coat		

**SECTION IX SPECIAL PRECAUTIONS**

**Precautions to be Taken in Handling and Storing**

Store in a cool dry location.

Keep container tightly closed when not in use

**Other Precautions**

Read label on container before using.

Conditions Aggravated/Target Organs: None known.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

<b>Rev. No.</b>	2	<b>Date</b>	4/11/88	<b>Approved</b>	K. Kuchel	<b>Chemical Safety Coordinator</b>	RMC
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