

## MATERIAL SAFETY DATA SHEET

### SECTION 1 IDENTIFICATION

Product Number	131-0484	Health:	1
Product Name	Methylene Blue 0.1% w/v	Flammability:	0
Trade /Chemical Synonyms		Reactivity:	0
Formula		Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4	
RTECS	None	NA=Not Applicable NE=Not Established	
C.A.S. #			

### SECTION 7 HANDLING AND STORAGE

This Material is not considered hazardous. Store in a cool, dry place. Handle using safe laboratory practices.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:	None required
Ventilation:	Local Exhaust <input type="checkbox"/> Mechanical <input checked="" type="checkbox"/>
Protective Gloves:	Gloves to prevent skin exposure as latex or vinyl
Eye Protection:	Splash Goggles
Other Protective Equipment:	Wear appropriate clothing to prevent skin exposure

### SECTION 2 MIXTURE COMPONENTS

Sara 313	Component	CAS Numbe	%	Dim.	Exposure Limits
<input type="checkbox"/>	Methylene Blue	CAS# 7220-79-3	Balance W/	None	Established
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	0.1% W/V	None	Established

### SECTION 3 HAZARD IDENTIFICATION (SEE ALSO SECTION 11)

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

### SECTION 4 FIRST AID MEASURES

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

### SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire
Fire / Explosion Hazards:	None Known.
Fire Fighting Procedure:	
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.	

### SECTION 6 ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material. Flush excess down drain.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	~0 Deg C	Percent Volatile by Volume:	99%
Boiling Point:	~100 Deg C	Evaporation Rate:	Information not available
Vapor Pressure:	Information not available	Evaporation Standard:	
Vapor Density:	Information not available	Auto Ignition Temp:	Not applicable
Solubility in Water:	Soluble	Lower Flamm. Limit in Air:	Not applicable
Appearance /Odors:	Clear dark Blue odorless liquid	Upper Flamm. Limit in Air:	Not applicable
Flash Point:	Not flammable		
Specific Gravity:	1.0		

### SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability:	Stable
Conditions to Avoid:	None known
Materials to Avoid:	None known
Hazardous Decomposition Products:	Not known to occur
Hazardous polymerization	Will Not Occur
Conditions to Avoid:	None known

### SECTION 11 ADDITIONAL INFORMATION

Although this is not considered a hazardous solution, use accepted lab handling practices.

DOT Classification:	Not Regulated
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DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

Rev. No: 0.1 Date Entered: 8/1/2005 Approved: RMC Safety Dir. RMC