

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

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

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