

SECTION 1 IDENTIFICATION	
Product Number	130-1728
Product Name	Methylene Blue 0.05% 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	
<b>Respiratory Protection:</b>	None required
<b>Ventilation:</b>	Local Exhaust <input type="checkbox"/> Mechanical <input checked="" type="checkbox"/>
<b>Protective Gloves:</b>	Gloves to prevent skin exposure as latex or vinyl
<b>Eye Protection:</b>	Splash Goggles
<b>Other Protective Equipment:</b>	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	0.05% W/V	None	Established

SECTION 3 HAZARD IDENTIFICATION (SEE ALSO SECTION 11)
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. Keep container closed.

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: If swallowed, induce vomiting immediately after giving two glasses of water. 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
Boiling Point:	-100 Deg C
Vapor Pressure:	Information not available
Vapor Density:	Information not available
Solubility in Water:	Soluble
Appearance /Odors:	Clear dark Blue odorless liquid
Flash Point:	Not flammable
Specific Gravity:	1.0
Percent Volatile by Volume:	99%
Evaporation Rate:	Information not available
Evaporation Standard:	
Auto Ignition Temp:	Not applicable
Lower Flamm. Limit in Air:	Not applicable
Upper Flamm. Limit in Air:	Not applicable

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 Date Entered: 1/1/2005 Approved: RMC Safety Dir. RMC