

# Material Safety Data Sheet

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For Poison Control Information,  
please contact your regional Poison Control Center.

**Product Identity: Methylene Blue Solution**

## Section I. Hazardous Ingredients / Identity Information

Water	70%-73%	CAS #: 7732-18-5
Methylene Blue	27%-30%	CAS #: 7220-79-3

Health Hazard	3
Fire Hazard	0
Reactivity	0

## Section II. Physical/Chemical Characteristics

Boiling Point: 100°C (212°F)	Specific Gravity (H <sub>2</sub> O = 1): 1
Vapor Pressure: 2.3 kPa (@20°C)	Melting Point: Not Available
Vapor Density (Air = 1): .62	
Solubility in water: Soluble in cold water.	
Appearance and Odor: Dark blue/green liquid with a slight odor	

## Section III. Fire and Explosion Hazard Data

Flash Point (Method Used): Not available.  
Flammable Limits: Not available.  
Extinguishing Methods:  
    Use dry Chemical powder, Carbon Dioxide or appropriate foam.  
Unusual Fire and Explosion Hazards:  
    Not available

## Section IV. Reactivity Data

Stability: Stable  
Incompatibility (Materials to avoid): Oxidizing agents, reducing agents, alkalis.  
Polymerization: Will not occur

## Section V. Health Hazard Data

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation.  
Health Hazards:  
    Slightly hazardous in case of eye contact (irritant), of ingestion.  
Carcinogenicity: Not available

## **Section VI. First Aid Procedures**

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**Eye Contact:** Check for and remove contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyes open. Cold water may be used. Seek medical attention.

**Skin Contact:** In case of contact immediately flush skin with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation develops, seek medical attention. Wash contaminated clothing before reuse.

**Serious Skin Contact:** Not available.

**Inhalation:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

**Serious Inhalation:** Evacuate victim to a safe area immediately. Loosen tight clothing such as a tie, belt or waistband. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen. Seek immediate medical attention.

**Ingestion:** If swallowed, do not induce vomiting unless directed to do so by medical personnel. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen. Seek immediate medical attention.

## **Section VII. Precautions for Safe Handling and Use**

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**Precautions:** Keep away from heat and sources of ignition. Do not ingest. Do not breathe vapor. Wear suitable protective clothing. If ingested, seek medical attention. Avoid contact with skin and eyes.

**Storage:** Add water as directed on product label. Keep out of reach of children. Keep container tightly closed and sealed until ready to use.

**Small Spill:** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Large Spill:** Absorb with an inert material and put the spilled material into an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Follow all state, federal, and local waste disposal guidelines.

## **Section VIII. Protection Measures**

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**Personal Protection:** Safety glasses, lab coat, gloves and vapor respirator.

*This product is bottled and labeled for use only with ornamental fish. Not for use with fish used for human consumption. Any other use is neither stated nor implied.*