

# Material Safety Data Sheet

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Dayton, OH 45458

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

**Product Identity: Malachite Green Solution**

## Section I. Hazardous Ingredients / Identity Information

Water >95% CAS #: 7732-18-5  
Malachite Green <5% CAS #: 569-64-2

Health Hazard	3
Fire Hazard	0
Reactivity	0

## Section II. Physical/Chemical Characteristics

Boiling Point: Not Available Specific Gravity (H<sub>2</sub>O = 1): Not Available  
Vapor Pressure (mm Hg.): Not Available Melting Point: 112°C (233.6°F)  
Vapor Density (Air = 1): Not Available  
Solubility in water: Not Available  
Appearance and Odor: Dark green liquid.

## 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:  
Emits toxic fumes under fire conditions. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## Section IV. Reactivity Data

Stability: Stable  
Incompatibility (Materials to avoid): Strong oxidizing agents, Soluble carbonates and phosphates, Hydroxides, Oxides, Metals, Peroxides, Bases.  
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides.  
Polymerization: Will not occur

## Section V. Health Hazard Data

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation.  
Health Hazards:  
Hazardous in case of ingestion and inhalation.

## **Section V. Health Hazard Data** continued

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Slightly hazardous in case of skin contact (irritant, permeator), and eye contact (irritant). Over exposure can result in death.

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 medication 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. Remove contaminated clothing and shoes. Thoroughly wash contaminated clothing before reuse. Contact a physician.

**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. Wash out mouth with water provided person is conscious. 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:** Do not ingest. Do not breathe vapor. Wear suitable protective clothing. If ingested, seek medical attention. Avoid contact with skin and eyes. Avoid prolonged and repeated exposure. Wash hands thoroughly after handling.

**Storage:** 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 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.*