

MATERIAL SAFETY DATA SHEET

METHYL PURPLE (pH Indicator) (Purple Green)

MSDS CAS : 1340-02-9

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name : METHYL PURPLE (pH Indicator)

CAS#: 1340-02-9

C.I. No.: Not available.

Synonym : Not available.

Chemical Name : Not available.

Chemical Formula: C₆₇H₆₂N₈Na₄O₁₄S₃

Molecular Weight: 1391.41

Brand: OXFORD

Details Of The Supplier Of The Safety Data Sheet:

Company identification:

OXFORD LAB FINE CHEM LLP

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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Fast green #3	2353-45-9	0.05
Methyl red, sodium salt	845-10-3	0.1
Water	7732-18-5	99.9

Section 3: Hazards Identification

Potential Acute Health Effects: Non-corrosive for skin. Non-sensitizer for skin. Non-permeator by skin. Non-hazardous in case of ingestion.

Potential Chronic Health Effects: Non-corrosive for skin. Non-sensitizer for skin. Non-permeator by skin. Non-hazardous in case of ingestion.

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

Section 4: First Aid Measures

Eye Contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

Skin Contact: No known effect on skin contact, rinse with water for a few minutes.

Serious Skin Contact: Not available.

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

Serious Inhalation: Not available.

Section 4: First Aid Measures (Continued)

Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances : Not available.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. **Risks of explosion of the product in presence of static discharge:** Not available.

Fire Fighting Media and Instructions: Not available.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste 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 in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions: No specific safety phrase has been found applicable for this product.

Storage: No specific storage is required. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Personal Protection : Safety glasses. Lab coat

Personal Protection in Case of a Large Spill :

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits : Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance	: Liquid.
Odor	: Not available..
Taste	: Not available.
Molecular Weight	: Not available.
Color	: Clear.
pH (1% soln/water)	: Neutral.
Boiling Point	: The lowest known value is 100°C (212°F) (Water)
Melting Point	: Not available.
Critical Temperature	: Not available.
Specific Gravity	: The only known value is 1 (Water = 1) (Water).
Vapor Pressure	: The highest known value is 17.535 mm of Hg (@ 20°C) (Water).
Vapor Density	: The highest known value is 0.62 (Air = 1) (Water).

Section 9: Physical and Chemical Properties (Continued)

Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: See solubility in water, methanol.
Solubility	: Easily soluble in cold water. Partially soluble in methanol

Section 10: Stability and Reactivity Data

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Not available.
Incompatibility with various substances: Not available.
Corrosivity: Non-corrosive in presence of glass.
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosivity: Not available.
Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Not available.
Toxicity to Animals: LD50: Not available. LC50: Not available.
Chronic Effects on Humans : Not available.
Other Toxic Effects on Humans : Non-corrosive for skin. Non-sensitizer for skin. Non-permeator by skin. Non-hazardous incase of ingestion
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

Land transport (ADR-RID)

General information : Not regulated.

Sea transport (IMDG) [English only]

General information : Not regulated.

Air transport (ICAO-IATA) [English only]

General information : Not regulated.

Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:
Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

Chemical Safety Assessment: It has not been carried out.

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Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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