

# FOSS MATERIAL SAFETY DATA SHEET

Product name: Fossomatic Minor Dye Solution Page: 1/5  
Revision Date: 2004-06-24 Print date: 2004-06-24  
P/N-no.: 1032274 SDS-ID: US/1.0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product name: Fossomatic Minor Dye Solution  
Application: For laboratory use for Fossomatic™ Minor Container size: Plastic (HDPE) bottle, 500 ml  
Supplier: FOSS Analytical A/S  
69, Slangerupgade  
DK-3400 Hillerød  
Comp.Reg.No. 73399815  
Tel.: +45 7010 3370  
Fax: +45 7010 3371  
E-mail: info@foss.dk

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains: surfactants, salts and water.

The following substances shall be indicated according to legislation:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
1-5	9002-93-1	-	Octoxinol	Xn;R22 Xi;R41	

## 3. HAZARDS IDENTIFICATION

The product has not been classified according to the legislation in force.

Human health: May be slightly irritating to skin and eyes.

Environment: The product is not expected to be hazardous to the environment.

## 4. FIRST-AID MEASURES

Inhalation: Move into fresh air and keep at rest.

Skin contact: Remove contaminated clothes and rinse skin thoroughly with water.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions.

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**5. FIRE-FIGHTING MEASURES**

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.  
Specific hazards: None specific.  
Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting; follow the general fire precautions indicated in the workplace.

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**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions: Avoid contact with skin and eyes. For personal protection, see section 8.  
Environmental precautions: Not relevant considering the small amounts used.  
Methods for cleaning up: Flush away small spillages with plenty of water.

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**7. HANDLING AND STORAGE**

Safe handling advice: Observe good industrial hygiene practices. Avoid contact with skin and eyes.  
Technical measures: Keep the workplace clean.  
Technical measures for safe storage: No special precautions.  
Storage conditions: Store in a dark place at temperatures between 2°C and 8°C.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering measures: No special precautions.  
Personal protection: Risk of splashes: Wear protective gloves.  
Environmental Exposure Controls: No information available.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: clear red liquid  
Odour: not available  
pH: 6.7  
Boiling point (°C): not available  
Flash point (°C): not relevant  
Explosive properties: not relevant  
Relative density: not available  
Solubility: completely soluble in water

**10. STABILITY AND REACTIVITY**

Stability: Stable under normal temperature conditions.

Conditions/  
materials to avoid: Avoid exposure to light.

Hazardous  
decomposition products: None under normal conditions.

**11. TOXICOLOGICAL INFORMATION**

Inhalation: Not relevant at normal room temperatures.

Skin contact: May irritate.

Eye contact: Splashes may irritate.

Ingestion: No harmful effects expected in amounts likely to be ingested by accident. However, ingestion may cause irritation and malaise.  
LD50 (oral, rat): 1800 mg/kg (RTECS) for octoxinol.

Specific effects: None known.

This product contains no ingredient listed on the NTP, OSHA or IARC carcinogen lists.

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**12. ECOLOGICAL INFORMATION**

Mobility: The product is water soluble and may spread in water systems.

Degradability: The degradability of the product has not been stated.

Ecotoxicity: The product is not expected to be hazardous to the environment.

Bioaccumulative potential: No data available on bioaccumulation.

Other adverse effects: None known.

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**13. DISPOSAL CONSIDERATIONS**

Dispose of waste and residues in accordance with local authority requirements.

Waste from residues: EWC-code: 16 05 09

Empty packaging: EWC-code: 15 01 02

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**14. TRANSPORT INFORMATION**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

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**15. REGULATORY INFORMATION**

**Labelling:** Based on information from the manufacturer regarding the chemical composition of the product, an assessment by the Danish Toxicology Centre has shown that according to EEC Directives 67/548/EEC and 1999/45/EC, the product is not liable to classification and labelling.

**Specific provisions:** National specific regulation may apply.

**National regulation:** Europe/USA:  
This Safety Data Sheet has been prepared according to the EU-regulation.  
The following lists and legislation have been checked:  
Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.  
Threshold Limit Values (2004), ACGIH, by the American Conference on Governmental Industrial Hygienists.  
The Code of Federal Regulation, Title 29, part 1910. Occupational Safety and Health Standards, Air contaminants.  
U.S. Department of health and human services: 2002 - Report on Carcinogens - 10th Ed.  
International Agency for Research on Cancer (IARC): IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Lyon: IARC, World Health Organization, 1972-2004.

**16. OTHER INFORMATION**

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The active substance in the product is Propidiumiodid. However, it is present in such a low concentration (< 0.01%) that it is not required to include it in the MSDS.

**Wording of Risk Phrases:**

R22	Harmful if swallowed.
R41	Risk of serious damage to eyes.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DANISH TOXICOLOGY CENTRE, Kogle Allé 2, DK-2970 Hørsholm, Denmark, Telephone +45 45 76 20 55 Telefax +45 45 76 24 55

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