



SAFETY DATA SHEET

BioFlora® Manganese 4%

FOR EMERGENCY ASSISTANCE INVOLVING BIOFLORA® MANGANESE 4%. Please call Global Organics® Products at 623-932-1522 or 800-471-1522. BioFlora® Manganese 4% is a registered trademark of and is distributed by BioLynceus®. This product is manufactured by Global Organics®.

Product Identification

Product Name: BioFlora® Manganese 4%
Common Names/Synonyms: Manganese 4%

Hazardous Ingredients / Identity

Complies with OSHA 29 CFR 1910.1200 Section (2) "trade secrets" — Contains no hazardous components under OSHA definitions.

Composition/Information on Ingredients

Specific chemical identity and/or percentages of the composition is withheld as a trade secret.

First Aid Measures

Emergency & First Aid procedures:

Routes of Entry:

Inhalation: None
Eyes: Rinse thoroughly with water for 15 minutes; see physician if needed.

Skin: None
Ingestion: Dilute with water; see physician

Fire and Explosion Data

Flash Point: None
Auto-ignition temp: None
Special Fire Procedures: None
Extinguisher Media: None
Usual Fire and Extinguisher hazards: None

Special Precautions & Spills/Leak Procedures

Precautions for Handling & Storage: Shake well or rotate before use. Store in cool area, keep out of direct sunlight.

Other precautions: Area of spill may become slippery.

Steps for released or spilled: No special requirements known.

Waste Disposal Methods: Disposal of material in accordance with all local, state and federal laws and regulations; no special requirement known.

Special Protection Information / Control Measures

Local exhaust / ventilation: Normal

Mechanical: N/A
Respiratory protection: Not required
Protective gloves: Not required, but recommended
Eye protection: Not required, but recommended
Other protective clothing/equipment: Not required
Work hygienic practices: Normal industrial Hygiene

Physical & Chemical Characteristics

Boiling Point, degrees F: > 210° @ 1 AMT
Specific Gravity (H2O=1): 1.01
Avg. Weight per Gallon: 8.6 lbs
Solubility in Water: Completely soluble
Reactivity in Water: N/A
Evaporation Rate: 0.08
Appearance and odor: Light tan liquid, Mild odor
Avg. pH: 3.2

Physical Hazards (Reactivity Data)

Stability: Stable
Conditions to Avoid: None Known
Incompatibility (materials to avoid): None Known
Hazardous Decomposition products: None
Hazardous Polymerization: Will not occur

Health Hazards

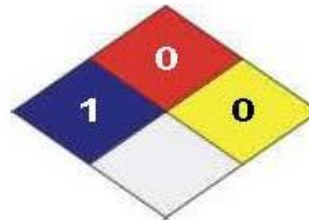
Acute: None known
Chronic: None Known
Sign & Symptoms of exposure: May dry out sensitive skin after prolonged contact; Will stain skin

Medical conditions generally aggravated by exposure: None
Chemical listed as carcinogen Or potential carcinogen: None
National Toxicology program: No
I.A.R.C Monographs: No
OSHA: No



<u>Legend</u>	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/	1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION	X	



For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document. Information contained herein was obtained from sources considered technically accurate and reliable.

While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries, or consequential damages which may result from the use of or reliance on any information contained in this document. The above SDS reflects the latest information on file with respect to hazards, properties and handling of this product. No warranty however, expressed or implied, is made with regard to the use of this information. The information on this sheet was written based on the best knowledge and experience currently available.

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Other Information	This SDS conforms to the OSHA, 29 CFR 1910.1200(g) and Appendix D