

# MATERIAL SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

### 1.1. Identification

Product form: Liquid  
Substance name: GREEN MICROBIOTICS

### 1.2. Recommended use and restrictions on use

Use of the substance/mixture: For Agriculture  
Recommended use: Agriculture  
Restrictions on use: Do not take internally

### 1.3. Supplier

NW Microbiotics, LLC  
11350 Cleveland Gibbs Rd, Suite 200  
Roanoke, TX 76262  
(817) 490-6100  
info@nwmicrobiotics.com

### 1.4. Emergency telephone number

Emergency number NW Microbiotics: 817-490-6100

## SECTION 2: HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

GHS-US classification  
Not classified

### 2.2. GHS Label elements, including precautionary statements

Not classified as a hazardous chemical.  
Other hazards not contributing to the classification: None.

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1. Ingredients

Mixture of natural occurring microorganisms in water

### 3.2 Mixtures:

Not Applicable

## SECTION 4: FIRST-AID MEASURES

### 4.1. Description of first aid measures

First-aid measures general: If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation:	Allow victim to breathe fresh air. Allow the victim to rest. Adverse effects not expected from this product
First-aid measures after skin contact:	Adverse effects not expected from this product. Take off contaminated clothing.
First-aid measures after eye contact:	Adverse effects not expected from this product.
First-aid measures after ingestion:	Do NOT induce vomiting. Adverse effects not expected from this product.

#### **4.2. Most important symptoms and effects (acute and delayed)**

Symptoms/effects:	Not expected to present a significant hazard under anticipated conditions of normal use.
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#### **4.3. Immediate medical attention and special treatment, if necessary**

Treat symptomatically.

### **SECTION 5: FIRE-FIGHTING MEASURES**

#### **5.1. Suitable (and unsuitable) extinguishing media**

Suitable extinguishing media:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
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#### **5.2. Specific hazards arising from the chemical**

No additional information available

#### **5.3. Special protective equipment and precautions for fire-fighters**

Firefighting instructions:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
Protection during firefighting:	Do not enter fire area without proper protective equipment, including respiratory protection.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

##### **6.1.1. For non-emergency personnel**

Emergency procedures:	Evacuate unnecessary personnel.
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##### **6.1.2. For emergency responders**

Protective equipment:	Equip cleanup crew with proper protection.
Emergency procedures:	Ventilate area.

#### **6.2. Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### **6.3. Methods and material for containment and cleaning up**

Methods for cleaning up:	Soak up spills.
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## SECTION 7: HANDLING & STORAGE

### 7.1. Precautions for safe handling

Precautions for safe handling:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep container closed when not in use.

Incompatible products:

None

Incompatible materials:

None

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls:

Provide adequate general and local exhaust ventilation.

### 8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Safety glasses.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

Respiratory protection:

None necessary.

Other information:

Do not eat, drink or smoke during use.

## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Color:

Light Yellow or Brown

Odor:

Slight Odor (earthy)

Odor threshold:

No data available

Melting point:

No data available

Freezing point:

32 °F

Boiling point:

212 °F

Critical temperature:

212 °F

Critical pressure:

218.3 atm

Flash point:

No data available

Relative evaporation rate (butyl acetate=1):

No data available

Flammability (solid, gas):

Non flammable.

Vapor pressure:

17.535 mm Hg

Vapor pressure at 50 °C:

92.51 mm Hg

Relative vapor density at 20 °C:

No data available

Relative density:

1

Specific gravity / density:

0.99823 g/ml

Molecular mass:

18 g/mol

Log Pow:

No data available

Auto-ignition temperature:

No data available

Decomposition temperature:

No data available

Viscosity, kinematic:

1.004 cSt

Viscosity, dynamic:	1.002 cP
Explosion limits:	No data available
Explosive properties:	Not applicable.
Oxidizing properties:	None.

## 9.2. Other information

VOC content:	0 %
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## SECTION 10: STABILITY & REACTIVITY

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Extremely high or low temperatures.

### 10.5. Incompatible materials

None

### 10.6. Hazardous decomposition products

None

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Likely routes of exposure:	Skin and eye contact
Acute toxicity:	Not classified
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity:	Not classified
Specific target organ toxicity – single exposure:	Not classified
Specific target organ toxicity – repeated exposure:	Not classified
Aspiration hazard:	Not classified
Potential Adverse human health effects and symptoms:	Based on available data, the classification criteria are not met.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Non-Toxic

### 12.2. Mobility in soil

Will soak into the soil, same as water without adverse effects based on soil porosity.

12.3. Other adverse effects

Other information: No other effects known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Disposal methods**

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

**SECTION 14: TRANSPORT INFORMATION**

Department of Transportation (DOT)  
In accordance with DOT  
Not regulated

**SECTION 15: REGULATORY INFORMATION**

15.1. US Federal regulations

**Water (7732-18-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

**15.2. International regulations**

**CANADA**

No additional information available

**EU-Regulations**

No additional information available

**National regulations**

No additional information available

**15.3. US State regulations**

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

**SECTION 16: OTHER INFORMATION**

Revision date: 06/12/2018

Other information: None.

NFPA health hazard: 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard: 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

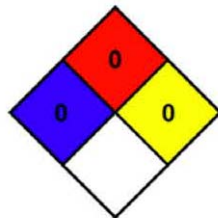
NFPA reactivity: 0 - Material that in themselves are normally stable, even under fire conditions.

Hazard Rating

Health:

Flammability:

Physical:



0 Minimal Hazard - No significant risk to health

0 Minimal Hazard - Materials that will not burn

0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose,

Personal protection:

condense, or self-react. Non-Explosives.

A

A - Safety glasses

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