

# BIOFERM CLEAN

## Safety Data Sheet

### **Section 1: Identification**

**Updated:** 23-06-2026

**Product Name:** BioFerm Clean

**Reference Number:** BioFerm Clean

**Recommended Use:** Supports microbial balance in root zones and assists in the breakdown of damaged roots and organic crop residues.

**Supplier Information:**

Green Search Inc.

1020 Road 6 E, Ruthven, ON NOP 2G0 CANADA

**Emergency Phone Number:** Ph. +1 519 450 8020

### **Section 2: Hazard Identification**

**Classification of the Substance or Mixture**

**GHS Classification:**

Not classified under any hazard class.

**Label Elements**

N/A

**Hazard Statements**

**Physical Hazards:** None.

**Health Hazards:** None.

**Environmental Hazards:** None.

**Precautionary Statements**

**Prevention:** Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Avoid contact with eyes. Avoid inhalation of dust.

**Response:** IF IN EYES: Rinse eyes with plenty of potable water, making sure to get under the upper and lower eyelids. If applicable, remove contact lenses after 5 minutes and continue flushing. Seek medical attention if irritation persists.

**Storage and Disposal:** Store in a cool, dry area between 5°C and 25°C. Dispose of contents/container in accordance with local/regional/federal/international regulations.

### **Section 3: Ingredient Composition and Information**

Ingredient	Composition
Lactobacillus fermentum	0.7 g/capsule
Gelatin capsule shell	Encapsulation material

**Capsule strength:** 140 billion CFU per capsule.

All components not listed are either non-hazardous or present below reportable concentrations.

## **Section 4: First-Aid Measures**

### **Description of First-Aid Measures**

**Inhalation:** Move the affected person to fresh air. Recommended use of protective mask when handling large quantities.

**Skin Contact:** Wash affected areas with plenty of soap and potable water for at least 15 minutes.

**Eye Contact:** Rinse eyes with plenty of potable water, making sure to get under the upper and lower eyelids. Remove contact lenses after 5 minutes if applicable. Continue flushing. Seek medical attention if irritation persists.

**Ingestion:** DO NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms persist.

**Symptoms and Effects, both Acute and Delayed:** Refer to Section 11: Toxicological Information.

**Immediate Medical Attention/Special Treatments:** If medical advice is needed, have a product container or label on hand.

## **Section 5: Fire-Fighting Measures**

**Flammable Properties:** Non-flammable.

**Suitable Extinguishing Media:** Dry chemical, water spray, or carbon dioxide.

**Unsuitable Extinguishing Media:** None known.

**Special Hazards arising from the Substance or Mixture:** None known.

**Precautions for Firefighters:** Exercise caution when fighting any fire. Wear appropriate protective equipment.

## **Section 6: Accidental Release Measures**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

**General Measures:** Equip cleanup crew with proper protection.

**Protective Equipment:** Always use appropriate PPE.

**Emergency Procedures:** Sweep or vacuum material carefully to avoid dust generation.

**Environmental Precautions:** Avoid runoff into waterways, sewers, and public waters.

**Containment & Clean-up Measures:** Clean up immediately and dispose of waste safely.

## **Section 7: Handling and Storage**

**Precautions for Safe Handling:** Read product label before use. Use in accordance with good industrial hygiene and safety procedures. Wash hands after handling.

**Conditions for Safe Storage:** Keep container tightly sealed when not in use.

Store in a cool, dry place between 5°C and 25°C. Protect from moisture.

**Storage Incompatibilities:** Store away from children, food items, and potable water. Store out of direct sunlight.

## **Section 8: Exposure Controls and Personal Protection**

**Control Parameters:** No occupational exposure limits established.

**Individual Protection Measures:** Use safety goggles and protective gloves when handling. Dust mask recommended for bulk handling.

### **Key to Abbreviations:**

**NIOSH:** National Institute of Occupational Safety and Health

**MSHA:** Mine Safety and Health Administration

## **Section 9: Physical and Chemical Properties**

Property	Description
Appearance	Off-white to beige powder in gelatin capsule
Odor	Mild fermentation odor
Flammability	Non-flammable
pH	4.0 – 6.5 (in solution)
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Solubility	Water-dispersible
Relative Density	No data available
Flash Point	No data available
Viscosity	Not applicable

## **Section 10: Stability and Reactivity**

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known.

**Hazardous Decomposition Products:** None known.

**Conditions to Avoid:** Moisture, excessive heat, and direct sunlight.

**Incompatible Materials:** Strong acids, alkalis, bleach, disinfectants, and bactericides.

## **Section 11: Toxicological Information**

Information on Toxicological Effects

Acute Toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
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BioFerm Clean	>5000 mg/kg (estimated)	No data available	No data available
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### **Health Hazards**

**Aspiration Hazard:** Not classified  
**Skin Corrosion/Irritation:** Not classified  
**Serious Eye Damage/Irritation:** Not classified  
**Respiratory Sensitization:** Not classified  
**Skin Sensitization:** Not classified  
**Carcinogenicity (IARC):** Not classified  
**Germ Cell Mutagenicity:** Not classified  
**Reproductive Toxicity:** Not classified

### **Symptoms**

**After Inhalation:** May cause mild respiratory irritation.  
**After Eye Contact:** May cause transient eye irritation.  
**After Ingestion:** May cause mild gastrointestinal discomfort.

### **Section 12: Ecological Information**

**Ecotoxicity:** Minimal impact under normal conditions. Product contains naturally occurring beneficial bacteria.

#### **Persistence and Degradability:**

**Soil:** Product is biodegradable.  
**Water:** Product disperses in water.  
**Bioaccumulative Potential:** Not likely.  
**Mobility in Soil:** Expected to remain localized in growing media.  
**Other Adverse Effects:** None known.

### **Section 13: Disposal Information**

#### **Waste Treatment Methods**

**Product Waste:** Dispose of unused product in accordance with local, regional, national, and/or international regulations.  
**Packaging Waste:** Dispose of packaging in accordance with local regulations.

### **Section 14: Transport Information**

**UN Number:** Not UN regulated.  
**UN Proper Shipping Name:** Not UN regulated.  
**Transport Hazard Class Required Labels:** None.  
**Transport Category:** Not TDG regulated.  
**Packing Group:** Not TDG regulated.

**Environmental Hazards:** Refer to Section 12.

**Special Precautions for User:** Refer to Section 7.

### **Section 15: Regulatory Information**

This product has been classified in accordance with applicable hazard criteria and is not considered hazardous under GHS or WHMIS. For agricultural registration, product claims and labeling may require review by the Canadian Food Inspection Agency (CFIA). The information contained in this data sheet does not constitute an assessment of workplace risks.

### **Section 16: Other Information**

This product contains naturally occurring beneficial bacterial cultures intended for agricultural root-zone support. Further details may be available upon request from Green Search Inc.

#### **Abbreviation Key/Legend:**

**NA:** Not Applicable

**NDA:** No Data Available

**CAS:** Chemical Abstract Service

**IARC:** International Agency for Research on Cancer

**LD50:** Dose that kills 50% of test population

**LC50:** Concentration that kills 50% of test population

**TWA:** Time Weighted Average

**STEL:** Short Term Exposure Limit

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