SAFETY DATA SHEET – U.S. DEPARTMENT OF LABOR

May be used to comply with Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200, Standard must be consulted for specific requirements (non-mandatory form) Form Approved OMB No. 1218-0072

Date Prepared: 10-03-2022 Revised: 09 18 2026

Section 1: Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Trade Name: DgradeR

1.1 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against It

Recommended Uses: Crop residue breakdown

Details of the Distributor of the Safety Data Sheet

Distributed By: SoilBiotics, 2902 West State Route 17, Kankakee, IL 60901 United States (815) 929-1752

1.3 In Case of Emergency: **USA, Canada, Mexico call Infotrac at 1-800-535-5053**

Section 2: Hazards Identification

2.1 This product is not considered to be hazardous. The microbes have not been genetically modified.

2.2 Possible Routes of Entry: Ingestion, eyes and skin

2.3 Potential Health Effects from Over-Exposure:



WARNING

MAY BE HARMFUL IF SWALLOWED
MAY CAUSE MILD SKIN IRRITATION
MAY CAUSE MILD EYE IRRITATION

Precautionary Statements:

IF SWALLOWED: Do not induce vomiting. Give water if able to swallow.

IF ON SKIN: Remove contaminated clothing. Wash skin thoroughly with soap and rinse with water.

IF IN EYES: Remove contact lenses if present. Flush eyes with water for 15 mintues

Notes: In the unlikely event that over-exposure occurs, follow first aid measures in section 4.

Section 3: Composition/Information on Ingredients

3.2 Mixtures

Substance	CAS No	EC No	REACH Reg No	Concentration	Notes	DSD-Classification	CLP - Classification	
Proprietary								

Please see Section 16 for the full text of R-Phrases and H-Phrases

Section 4: First Aid Measures

4.1 Description of First Aid Measures

General: Remove from source of exposure. If irritation or other signs continue, then seek medical attention.

Eyes: Remove contact lenses if present and flush with water for 15 minutes.

Skin: Remove contaminated clothing. Wash thoroughly with soap and rinse with water.

Ingestion: Do not induce vomiting. Give water if able to swallow.

Note to Physician and First Aid Providers: This product has low oral, dermal and inhalation toxicity. Direct contact with eyes may cause temporary irritation. Provide symptomatic and supportive care as necessary.

Section 5: Fire-Fighting Measures

5.1 General: Use methods and protective gear that are appropriate for the conditions and size of fire.
5.2 Extinguishing Media: Use appropriate media for underlying cause and combustibles involved in the fire.
5.2 special Equipment: Self-contained breathing apparatus and full protective gear according to the conditions and size of the fire.
Notes: This material is not explosive and does not constitute a fire hazard

Section 6: Accidental Release Measures

6.1 Personal Precautions: Wear suitable protective clothing such as long-sleeve shirt, pants, water proof gloves and shoes with socks.
6.2 Methods for Clean Up: Carefully mop or sweep up spill and place in a closed container for disposal. Rinse area with water.
6.3 Reference to Other Sections: See section 8 for type of protective equipment. See section 13 for instructions on disposal.

Section 7: Handling and Storage

7.1 Precautions for Safe Handling: Use handling procedures that minimize exposure to the product.
7.2 Storage: Store in a cool location in original container. Recommended that product not be subject to freezing or stored in direct sunlight. Bulk material to be stored in an area with secondary equipment.

AGITIATE OR MIX PRIOR TO APPLYING OR BLENDING. REPLACE CAP TO CONTAINER IMMEDIATLEY AFTER USE.

Notes: Avoid contact with skin, eyes and clothing. Wash any contamination from skin or eyes immediately. Wash hands and exposed skin before eating, drinking, smoking or using the toilet.

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters: Protective clothing should be selected according to the conditions likely to be encountered in the workplace. Ensure good ventilation. No exposure limits have been established.
8.2 Engineering Controls: There are no specific engineering controls for this product.
8.3 Personal Protective Equipment:

Respiratory Protection: If liquid is sprayed, used an approved droplet mask.
Eye/Face Protection: Chemical safety goggles or safety glasses with side shields.
Hand/Skin Protection: Impermeable gloves of neoprene, vinyl, rubber or nitrile may be used to avoid contact.
Other Clothing: Wear suitable protective clothing such as long-sleeve shirt, pants and shoes with socks.
Hygienic Practices: Wash hands and exposed skin before eating, drinking, smoking or using the toilet.

Section 9: Physical and Chemical Properties

9.1 Physical State/Appearance/Odor: Tan to Flesh Colored Liquid with creamed corn odor
9.2 Information on Basic Physical and Chemical Properties:

Parameter	Value/Unit	Remark
pH	9.02	Lab number 70342401
Melting Point		Not Applicable

Initial Boiling Point		Not Applicable
Solubility in Water		Easily Dispersible in water
Incompatibility		None Known

Section 10: Stability and Reactivity

10.1 Stabilty: Stable, Material is Non-Reactive
10.2 Conditions to Avoid: None Known
10.3 Incompatible Materials: Strong Oxidizers
10.4 Hazardous Decomposition Products: None Known
10.5 Hazardous Polymerization: Will Not Occur

Section 11: Toxicological Information

11.1 Possible Routes of Entry: Mouth, eyes and Skin
11.2 Potential Health Effects from Over-Exposure
Ingestion: May cause nausea and diarrhea
Skin/Eye Irritation: May cause slight irritation
Inhalation: Not Applicable

Notes: None of the components of this product are listed as carcinogenic by NTP, IARC or OSHA. While no toxicological studies have been performed on this product, no reports of toxicity have been reported in more than 25 years of use. The microbial components are naturally occurring and are non-pathogenic for animals and plants. They have not been genetically modified.

Section 12: Ecological Information

12.1 Ecological: With regard to environmental fate and behavior, this product is not expected to impose any environmental risk. Without continuous application, populations revert to pre-inoculation numbers with no lasting impact on the environment and indigenous populations.
12.2 Ecotoxicity: This product has been used for more than 25 years for surface water, groundwater and land applications and has never been reported to be toxic to animals or plants.

Section 13: Disposal Consideration:

13.1 Waste Treatments Methods: If this product becomes a waste, it does not meet the criteria of Hazardous Waste. Dispose of in accordance with Local Authority requirements. Empty container can be disposed of as a non-hazardous solid waste or returned to the vendor for recycle.

Section 14: Transport Information

14.1 Other: U.S. DOT – U.S. Department of Transportation: Not Regulated

Section 15: Regulatory Information

15.1 Labeling According to EC Directives
U.S. EPS SARA: No acute or chronic health hazards. No fire, release of pressure or reactivity hazards. (Title III Classification)
U.S. EPA: No registration required

Harmonized Tariff Code: 3002 91 10 00

Section 16: Other Information

Prepared by: SoilBiotics

The information and recommendations contained herein are offered as a service to our customers but are not intended to relieve the user from its responsibility to investigate and understand pertinent sources of information and to comply with all laws and procedures applicable to the safe handling and use of these materials. The information and recommendations proved herein were believed by SoilBiotics to be accurate at the time of preparation or obtained from sources believed to be generally reliable. However, SoilBiotics makes no warranty concerning their accuracy and SoilBiotics will not be liable for claims relating to any party's use of reliance on information or recommendations contained herein, regardless of whether it is claimed that the information or recommendations are inaccurate, incomplete or otherwise misleading.