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# SAFETY DATA SHEET – U.S. DEPARTMENT OF LABOR

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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: 06-29-15

Date Revised: 01-17-2020

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

### 1.1 Product Identifier

**Trade Name:** SoilBiotics SB5500 (for conventional and organic use)

**Synonyms:**

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

**Recommended Uses:** Used to degrade a wide variety of organic polymers such as starch, cellulose, chitin, and lignin

**Inadvisable Uses:**

### 1.3 Details of the Distributor of the Safety Data Sheet

**Distributed By:** SoilBiotics

2902 West State Route 17

Kankakee, IL 60901

(815) 929-1752

Country: United States

**1.1 In Case of Emergency:** USA, Canada, Mexico call Infotrac at 1-800-535-5053  
International call Infotrac at 1-352-323-3500

## Section 2: Hazards Identification

**2.1 This product is not considered to be hazardous to animals, plants, humans or the environment.**

The microbes have not been genetically modified. This product has very low oral, dermal, and inhalation toxicity.

**2.2 Possible Routes of Entry:** Ingestion, eyes and skin

**2.3 Potential Health Effects from Over-Exposure:**



Warning

**Acute:** Skin/Eye Irritation: Direct contact with skin or eyes may cause mild irritation

Inhalation: Not Applicable

Ingestion: May cause nausea and diarrhea

**Chronic:** Symptoms: Available data does not suggest any long term symptoms from exposure

Aggravation: Available data does not suggest any aggravation of existing conditions

**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								

**Notes:** This preparation contains no hazardous ingredients per Directive 67/548/EEC (European union-Dangerous Goods)

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

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.

**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
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 Stability:** Stable, Material is Non-Reactive

**10.2 Conditions to Avoid:** None Known

**10.3 Incompatible Materials:** None Known

**10.4 Hazardous Decomposition Products:** None Known

**10.5 Hazardous Polymerization:** Will Not Occur

## Section 11: Toxicological Information

**11.1 Possible Routes of Entry:** Eyes and Skin

**11.2 Potential Health Effects from Over-Exposure**

**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 Land:** ARD/RID Class - European transport of dangerous goods(Road/Rail): Not Controlled under ADR
- 14.2 Water:** IMDG Class – Transport of hazardous materials by vessel: Not controlled under IMDG
- 14.3 Air:** IATA-DGR Class – International Air Transport Assoc.(Dangerous Goods): Not controlled under IATA
- 14.4 Other:** U.S. DOT – U.S. Department of Transportation: Not Regulated

**Harmonized Tariff Code for US:** 3002.90.10.00

Notes: This product may require important permits in some countries

## Section 15: Regulatory Information

### 15.1 Labeling According to EC Directives

**Symbol:** Not Required

**R-Phrases:** Not Required

**S Phrases:** S2 – Keep out of reach of children

(Recommended) – S 20/21 – When using do not eat, drink or smoke

**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

## 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.