



REBUILD. RESTORE. RENEW.

Safety Data Sheet (SDS)

Product Name: Bio S.I. Turf Select

P. O. Box 784 Argyle, TX 76226
Tel: 866.393.4786 Fax: 940.648.5959
www.BioSITechnology.com

Section 1: Identification

Product Name: Bio S.I. Turf Select
Product No.: N/A
Product Description: A diverse blend of naturally occurring soil microorganisms
Relevant Identified Uses: Microbial inoculant for use in turf management programs.
Supplier: Bio S.I. Technology
109 E 6th Street
Justin, TX 76247
Company Phone Number: +1 (866) 393-4786
Company Fax: +1 (940) 648-5959
Emergency Phone (8 a.m.–5 p.m. CST): +1 (866) 393-4786
E-mail Address: expert@biositechnology.com

Section 2: Hazard(s) Identification

Classification: This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.
Appearance: Brown liquid
Physical State: Liquid
Odor: Earthy

Section 3: Composition/Information on Ingredients

The manufacturer lists no ingredients classified as hazardous according to OSHA 29 CFR 1910.1200. The product formulation consists of naturally occurring microorganisms.

Section 4: First Aid Measures

Eye Contact: Rinse thoroughly with plenty of water. Also rinse under the eyelids. Call a physician.
Skin Contact: Wash with soap and water.
Inhalation: Move to fresh air.
Ingestion: Rinse mouth. Call a physician.
Most Important Symptoms and Effects: Direct contact with eyes may cause slight irritation temporarily.
Indication of Any Immediate Medical Attention and Special Treatment Needed: **NOTES TO PHYSICIAN:** Treat symptomatically.

Section 5: Firefighting Measures

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media: Not determined.
Specific Hazards Arising from the Chemical: Non-flammable.
Protective Equipment and Precautions for Firefighters: As any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Personal Precautions: Use personal protective equipment as required.
Methods for Containment: Prevent further leakage or spillage if safe to do so.
Methods for Cleanup: Flush area with water.

Section 7: Handling and Storage

Precautions for Safe Handling: Handle in accordance with good industrial hygiene and safety practice.
Storage Conditions: Store indoors in a shaded/cool area not above 130°F (54°C). Protect from freezing. Do not store if mixed with other chemicals; use entire mixture. Rinse equipment well.

Section 8 Exposure Controls

Exposure Guidelines: Treat as you would any chemical or biological material.
Appropriate Engineering Controls: None under normal use conditions.
Appropriate Personal Protective Equipment:
Eye/Face Protection: Wear goggles or safety glasses with side shields.
Skin and Body Protection: Wear water-resistant gloves.
Respiratory Protection: Ensure adequate ventilation, especially in confined areas.
General Hygiene: Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Physical State: Liquid		Odor: Earthy	
Appearance: Brown liquid		Odor Threshold: Not determined	
Color: Brown			
pH	7.0	Specific Gravity	~1.0
Melting Point/ Freezing Point	32°F / 0°C	Water Solubility	Soluble
Boiling Point/ Boiling Range	212°F / 100°C	Solubility in Other Solvents	ND
Flash Point	N/A	Partition Coefficient	ND
Evaporation Rate	ND	Autoignition Temperature	ND
Flammability (Solid, Gas)	N/A – liquid	Decomposition Temperature	ND
Upper Flammability Limits	N/A	Kinematic Viscosity	ND
Lower Flammability Limits	N/A	Dynamic Viscosity	ND
Vapor Pressure	24.00 mm Hg	Explosive Properties	ND
Vapor Density	ND	Oxidizing Properties	ND



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Section 10: Stability and Reactivity

Reactivity: Not reactive under normal conditions.
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: None under normal processing.
Hazardous Polymerization: Hazardous polymerization does not occur.
Conditions to Avoid: Keep out of reach of children.
Incompatible Materials: None known.
Hazardous Decomposition Products: Carbon oxides, nitrogen compounds (as a direct result of microbial growth).

Section 11: Toxicological Information

Information on Likely Routes of Exposure:
Eye Contact: Avoid contact with eyes.
Skin Contact: Avoid contact with skin.
Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Ingestion: Do not taste or swallow.

Information on Physical, Chemical, and Toxicological Effects:

Symptoms: Please see Section 4 of this SDS.

Delayed and Immediate Effects As Well As Chronic Effects from Short- and Long-Term Exposure:

Carcinogenicity: Unknown.
Numerical Measures of Toxicity: Not determined.

Section 12: Ecological Information

Ecotoxicity: This material is not expected to be hazardous to the environment.
Persistence/Degradability: Not determined.
Bioaccumulation: Not determined.
Mobility: Not determined.
Other Adverse Effects: Not determined.

Section 13: Disposal Considerations

Waste Treatment Methods: Disposal should be in accordance with acceptable regional, national, and local laws and regulations.
Contaminated Packaging: Disposal should be in accordance with acceptable regional, national, and local laws and regulations.

Section 14: Transport Information

DOT: Not regulated.
IATA: Not regulated.
IMDG: Not regulated.
UN: Not regulated.

Section 15: Regulatory Information

US Federal Regulations:

CERCLA: Does not apply.
SARA 313: Not determined.

US State Regulations: U.S. State Right-to-Know Regulations:

Not determined.

EU Regulations:

Authorizations and/or Restrictions on Use: None.

Section 16: Other Information

Issue Date: 01-May-2006
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Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.