

# MATERIAL SAFETY DATA SHEET

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Product Date: 10-01-18  
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Product Number: BioTurf  
For Chemical exposure call: 1800 222 1222

## HMIS RATING

HEALTH HAZARD	1- SLIGHT
FLAMMABILITY HAZARD	0
REACTIVITY HAZARD	0

## SECTION 1 – PRODUCT IDENTIFICATION

Product Name: BioTurf BioS+  
Product Code: BioS+  
Product Type: Enzyme/Bacterial cleaner  
DOT Class: Non-Regulated  
UN Number: NA  
Proper Shipping Name: NA

## SECTION II – INGREDIENTS

Ingredient Name	CAS Number	OSHA PEL	ACGIH TLV/TWA
Viable Bacterial Cultures	NA	NA	NA
Water	7732-18-5	NA	NA
Fragrance	NA	NA	NA

## SECTION III – PHYSICAL DATA

<u>Boiling Point</u>   212 F	<u>Appearance and Odor</u>   Opaque Liquid, perfumed
<u>Specific Gravity</u>   1.00	<u>Melting Point</u>   NA

pH   7.0	Vapor Density   No Data
Vapor Pressure   No Data	Solubility   Complete

### SECTION IV – FIRE AND EXPLOSION DATA

Flash Point:	>200 F (TCC)
Flash Point Method Used:	NA
LEL:	NA
UEL:	NA

**Extinguishing Media:** Water spray, carbon dioxide, and dry chemical powder.

**Special Fire Fighting Procedure:** Wear approved SCBA with full facepiece operated in positive pressure demand mode.

**Unusual Fire and Explosion Hazards:** None Known

**NFPA Symbol Codes:** Flammability 0, Health 1, Reactivity 0

### SECTION V – REACTIVITY DATA

**Stable:** X      **Unstable**

**Incompatibility:** Avoid contact with strong oxidizers

**Hazardous Decomposition or By Products:** Combustion may produce Carbon Monoxide, CO<sub>2</sub>.

**Hazardous Polymerization:** Will not occur.

### SECTION VI – HEALTH HAZARD DATA

Acute Health Affects

<b>Routes of Entry:</b>	<b>Inhalation:</b>	Yes	<b>Absorption:</b>	Yes	<b>Ingestion:</b>	Yes	<b>Eyes:</b>	Yes
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**Eyes:** This product may cause eye irritation.<sup>[L]<sub>SEP</sub></sup>

**Skin Contact:** Could cause mild skin irritation after prolonged contact.<sup>[L]<sub>SEP</sub></sup>

**Inhalation:** Inhaling mist from this product could cause irritation to the respiratory system.

**Ingestion:** Ingestion may result in abdominal pain, nausea and vomiting.<sup>[L]<sub>SEP</sub></sup>

**Conditions to Avoid:** Strong acids or alkali compounds may inactivate biological cultures.

**Signs and Symptoms of Over Exposure:** None Known

**Aggravated Medical Conditions:** None known, however persons with respiratory problems should avoid breathing any mist from this product.

**Emergency First Aid Procedures**

**Eye Contact:** Rinse eyes with water from fifteen minutes, if irritation persists, see a physician.

**Inhalation:** Move person to fresh air and avoid breathing mist from product. If breathing problems develop, seek the care of a physician.

**Skin Contact:** Wash the product off the skin with soap and water: if irritations develops seek the care of a physician.

**Ingestion:** Watch victim and any signs of Page 3 of 4 illness; induce vomiting only if advised by a physician.

**SECTION VII – SPILL OR LEAK PROCEDURE**

**Steps to be taken in case material is spilled or leaked:**

**Waste Disposal Method:** Contain and collect material, place in proper container for reuse or disposal. Dispose of materials in accordance with all federal, state and local laws.

**Precautions To Be Taken In Handling and Storage:** Store in a location away from children, food items and potable water.<sup>[SEP]</sup> Store in an area out of the direct sunlight, keep container closed when not in use, avoid storing in a damp environment.

Always wash hands with soap and water before handling food or smoking.

Use good chemical hygiene practices when working with any chemical.

**Other Precautions:** Do not place in unmarked container. Keep away from children. Slippery when spilled.

**SECTION VIII – CONTROL MEASURES (PPE)**

**Respiratory Protection:** None required for normal use.

**Protective Gloves:** Recommended. Disposable nitrile exam gloves are suitable for preventing prolonged contact with the skin.

**Eye Protection:** Safety glasses with side shields or splash goggles are recommended.<sup>[SEP]</sup>

**Other Protective Clothing:** None required, however, avoid prolonged contact with the skin from soiled clothing.

**Ventilation:** Local exhaust should be sufficient. If used in a manner that creates a mist, mechanical ventilation may

be necessary.

**Shipping Name:** Not Regulated

**UL listing :** Not Regulated

**Packaging Group:** NA

**Constituent:** NA

### **Precautionary Statements**

*The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal, state and local laws.*