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Safety Data Sheet

Form: Liquid (SZE)

Section 1: Identification

Product Identifier: Tribus Original™
Other Identifier: Bacillus Spore Blend 10 Billion CFU/mL
Recommended Use: See Product Literature
Supplier Information: 546 8th St SE BLDG A Unit 4B
 Loveland, CO 80537
 (p)720 772 9767
info@impellobio.com www.impellobio.com
Emergency Phone: 720-772-9767 8am – 4pm MST

Section 2: Hazard Identification

Hazard Classification:
 Eye Damage/Irritation Category 2B
 Skin Corrosion/Irritation Category 2
Signal Word: Warning
Hazard Statements:
 H315 Causes skin irritation.
 H320 Causes eye irritation.



Pictogram(s):
Precautionary Statement(s):
 P264 Wash face and hands thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response Statement(s):
 P302/352 IF ON SKIN: Wash with plenty of water.
 P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
 P308/311 IF exposed or concerned: call a poison center/doctor.
 P332/313 If irritation occurs: get medical advice/attention.
 P337/313 If eye irritation persists: get medical advice/attention.
 P362/364 Take off contaminated clothing and wash it before reuse.

Hazards Not Otherwise Categorized:
 Moderate Respiratory Irritant

Section 3: Composition/ Information on Ingredients

Name: Proprietary bacterial blend	CAS Number: N/A	% by weight: 0.25-1%
Name: Dissolvane EDTA	CAS Number: 64-02-8	% by weight: <0.01%
Name: Sodium benzoate	CAS Number: 532-32-1	% by weight: <0.02%
Name: Potassium sorbate	CAS Number: 24634-61-5	% by weight: <0.02%
Name: Water	CAS Number: 7732-18-5	% by weight: Remainder%

Section 4: First-Aid Measures

Inhalation: If inhaled remove from contaminated area to fresh air. Report the situation. Seek



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medical attention if allergic response is exhibited.

Eye Contact: In case of contact with eyes, flush eyes with low pressure water for at least 15 minutes. If irritation develops, seek medical attention.

Skin Contact: In case of contact with skin, wash skin with soap and cold water. Remove contaminated clothing and wash.

Ingestion: If swallowed, rinse mouth and throat thoroughly with tap water. Drink water.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: Standard procedure for chemical fires. Foam. Water.

Non-Suitable Extinguishing Media: None

Specific Exposure Hazards: None

Protective Equipment: No special requirements

Section 6: Accidental Release Measures

Personal precautions, Emergency Procedures: Use only with adequate ventilation/personal protection. Avoid breathing dust or spray mist. Avoid formation of dust and aerosols. (See section 8).

Containment methods: Prevent further leakage or spillage if safe to do so.

Cleanup Procedures: Contain and remove spilled product by mechanical means or with a vacuum cleaner equipped with a high efficiency filter. Avoid formation of aerosol.

Section 7: Handling and Storage

Safe Handling: Never handle product without appropriate personal protective equipment in accordance with Section 8. Avoid misting, splashing, and high pressure washing. Ensure good ventilation of the room when handling this product.

Storage: Keep container tightly closed in a cool, dry, well ventilated place.

Section 8: Exposure Controls/Personal Protection

Appropriate engineering controls: Adequate ventilation required for dusty/misty conditions

Eye/face protection: Wear protective glasses or eye shield

Skin protection: Impermeable gloves recommended

Respiratory Protection: Use NIOSH approved respiratory protection such as full face mask

Section 9: Physical and Chemical Properties

Appearance: Amber colored liquid

Odor: Characteristic fermentation odor

Odor Threshold: Not available

pH: 4.0-4.3

Melting point/freezing point: Not available

Initial boiling point and boiling range: Not available

Flash point: Not available

Evaporation rate: Not available

Flammability (solid, gas): Not available

Upper/lower flammability or explosive limits: Not available

Vapor Pressure: Not available

Vapor Density: Not available

Relative Density: Not available

Solubility: Miscible

Partition coefficient: n-octanol/water: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Not available



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Section 10: Stability and Reactivity

Reactivity:	Not available
Chemical Stability:	Stable under normal storage conditions
Hazardous reactions:	Not available
Conditions to avoid:	Not available
Incompatible materials:	Not available
Hazardous Decomposition Products:	Not available

Section 11: Toxicological Information

Routes of Exposure:	Eye contact, skin contact, ingestion, inhalation
Symptoms:	
Immediate:	May cause irritation to the eyes, skin, mucus membranes, and the upper respiratory tract
Delayed:	Not available
Acute toxicity:	Not available
Eye Irritation:	May cause minor irritation
Skin Irritation:	May cause minor irritation
Respiratory Irritation:	May cause minor irritation
Sensitization towards product:	There is no evidence of sensitizing potential
Germ cell mutagenicity:	Not available
Reproductive toxicity:	Not expected to produce reproductive toxicity
Carcinogenicity:	Not classified as a carcinogen by IARC, OSHA, or NTP

Section 12: Ecological Information

Ecotoxicity:	Not available
Persistence and degradability:	Product is readily biodegradable
Bioaccumulative potential:	Not available
Mobility in soil:	Not available
Other adverse effects:	Not available

Section 13: Disposal Considerations

No special disposal method required, except that in accordance to all applicable federal, state, and local regulations.

Section 14: Transport Information

Harmonized Tariff Code:	3002.90.10 (for Microbials)
UN Number:	Not classified
UN Proper Shipping Name:	Not classified
Transportation Hazard Class:	Not classified
Packing Group:	Not classified
Transport Environmental Hazard:	Not classified
Transport Special Precautions:	Not classified
MARPOL:	Not classified

Section 15: Regulatory Information

All components of this product are listed or exempt from listing on the TSCA Inventory.

Section 16: Other Information

Revision History: Effective Date: 01/20/2018 **Supersedes:** First Issue **GHS 2015 FORMAT**

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