



impello®

# 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:** 2601 S Lemay Ave, STE 7 #402  
 Fort Collins, CO, 80525  
 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

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

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

#### Section 11: Toxicological Information

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

#### Section 12: Ecological Information

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

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