

## 1. IDENTIFICATION

**PRODUCT IDENTIFIER:** Tribus® Original (Organic)

**OTHER IDENTIFIER:** Bacillus Spore Blend 10 Billion CFU/mL

**RECOMMENDED USE:** See product literature

**SUPPLIER IDENTIFICATION:** 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

## 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.

**PICTOGRAMS:**



**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 OCCURS: get medical advice/attention.  
 P362/364 Take off contaminated clothing and wash it before reuse.

**HAZARDS NOT OTHERWISE CATEGORIZED:** Moderate Respiratory Irritant

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS NUMBER	% BY WEIGHT
Proprietary bacterial blend	N/A	10.5-15%
Water	7732-18-5	Remainder%

## 4. FIRST-AID MEASURES

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

## 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

## 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.

## 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.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**APPROPRIATE ENGINEERING CONTROLS:** Adequate ventilation required for dusty/misty conditions

**EYE/FACE PROTECTION:** Protective glasses or eye shield recommended

**SKIN PROTECTION:** Impermeable gloves recommended

**RESPIRATORY PROTECTION:** NIOSH approved respiratory protection recommended

## 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-OCTONOL/WATER:** Not Available  
**AUTO-IGNITION TEMPERATURE:** Not Available  
**DECOMPOSITION TEMPERATURE:** Not Available  
**VISCOSITY:** Not Available

## 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

## 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

## 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

## 13. DISPOSAL CONSIDERATIONS

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

## 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

## 15. REGULATORY INFORMATION

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

## 16. OTHER INFORMATION

**REVISION HISTORY: Effective Date:** 3/15/2018

**Supersedes:** First Issue

**GHS 2015 FORMAT**

The information contained in this Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of the company, it is the responsibility of the user to determine the conditions of safe use of this product. The information does not represent analytical specifications.

**\*\*END OF SDS\*\***