

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

Trade Name

Manage™ Microbial Inoculant

Chemical description/Application

A proprietary blend of naturally occurring, non-pathogenic, non-genetically altered beneficial soil microorganisms on an inert natural carrier or in a liquid form

Manufacturer

Pathway Biologic, LLC
111 E. Tever Street, Plant City, FL 33563-2417 USA
(813) 719-7284

Emergency telephone

(855) 356-3743
Pathway Biologic, LLC, Plant City, FL 33563

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Exposure Limits In Air
		AGCIH TLV mg/m ₃
Bacillus licheniformis	None Established	None Established
Bacillus subtilis	None Established	None Established
Bacillus methylotrophicus	None Established	None Established
Bacillus amyloliquefasciens	None Established	None Established
Humic Acid	68514-28-3	None Established
Kelp	68844-77-9	None Established
Water Based Culture Medium	7732-18-5	None Established

3. HAZARDS IDENTIFICATION

None of the ingredients in this material meet the definition of "Hazardous Chemical" 29 CFR1910.1200
GHS Code: 3002.90.5150

4. FIRST AID MEASURES

Inhalation: Consult a physician if problems occur
Skin: Wash hands after use. If irritation occurs / persists, consult a physician
Eyes: Flush eyes with cool water and consult a physician
Ingestion: Rinse mouth / consult a physician

5. FIRE FIGHTING MEASURES

Flash Point: Not Flammable
Auto Ignition Temperature: Not applicable
Flammable Limits: Not Flammable
Extinguishing Media: Use appropriate media for underlying cause (product not flammable)
Special Fire Fighting Procedures: Wear self-contained breathing apparatus
Unusual Fire and Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Sweep up and discard according to protocol below

7. HANDLING & STORAGE

Storage: Store in original container tightly closed. Store in a cool, dry place.

Storage Temperatures: Avoid excessive heat and direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Under normal conditions, none required. If drift occurs, wear breathing apparatus

Gloves: May be worn by individuals with sensitive skin

Eyes: Under normal conditions, none required. If potential for drift exists, wear goggles

Clothing: Wear pants, shirt, shoes and socks

Exposure Limit: No OSHA TLV

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Color: Dark or gray colored powder with characteristic fermentation odor

pH: 6-7

Specific Gravity: 1.1 ± 0.02

Solubility in Water: Partial forms of suspension

Boiling Point °F: 212°F (if liquid)

Melting Point: N/A

Vapor Pressure: N/A

10. STABILITY & REACTIVITY

Hazardous Decomposition Product: None

Incompatibility: Strong acid & alkali, organic solvents and oxidizing agents

Stability: Stable under normal conditions. Must be kept dry.

Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

No components of this product are listed as carcinogenic by NTP, IARC, or OSHA

12. ECOLOGICAL INFORMATION

Environmental Precautions

This product is bio-degradable. Dispose of this product by diluting it with water and apply to soil, plants, turf, etc.

13 DISPOSAL CONSIDERATIONS

Disposal: In accordance with Federal, State and Local bacteria protocol

14. TRANSPORT INFORMATION

Non-hazardous

15. REGULATORY INFORMATION

Not Applicable

16. OTHER RELEVANT INFORMATION

TO THE BEST OF OUR KNOWLEDGE THIS INFORMATION IS TRUE AND ACCURATE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL WE DO NOT ASSUME ANY RESPONSIBILITY FOR THE RESULTS OF ITS USE. THIS INFORMATION IS FURNISHED UPON THE CONDITION THAT THE PERSON RECEIVING THIS PRODUCT SHALL MAKE HIS / HER OWN DETERMINATION OF THE SUITABILITY OF THE MATERIAL FOR THEIR PARTICULAR PURPOSE. THIS INFORMATION IS PROVIDED IN GOOD FAITH BUT WITHOUT EXPRESSED OR IMPLIED WARRANTY. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO TAKE APPROPRIATE PRECAUTIONS.