

# SAFETY DATA SHEET

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

### Trade Name

Nature's Source Plant Probiotic

### 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

(888) 839-8722  
Ball DPF, LLC, Sherman, TX

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Exposure Limits In Air			
		AGCIH		OSHA	
		TLV mg/m <sub>3</sub>	STEL mg/m <sub>3</sub>	PEL mg/m <sub>3</sub>	STEL mg/m <sub>3</sub>
Bacillus subtilis	####	###	###	###	###
Bacillus megaterium	####	###	###	###	###
Bacillus methylotrophicus	####	###	###	###	###
Bacillus vallismortis	####	###	###	###	###
Bacillus licheniformis	####	###	###	###	###
Brevibacillus brevis	####	###	###	###	###
Paenibacillus dendritiformis	####	###	###	###	###
Bacillus stratosphericus	####	###	###	###	###
Streptomyces diastaticus	####	###	###	###	###
Trichoderma harzianum	####	###	###	###	###
Maltodextrin	####	###	###	###	###
Sucrose	####	###	###	###	###
Diatomaceous Earth	####	###	###	###	###

## 3. HAZARDS IDENTIFICATION

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

## 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:** Off-white or tan colored powder with characteristic fermentation odor

**Specific Gravity:** 1.12

**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

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