

## SAFETY DATA SHEET

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

#### Trade Name

Root Honey

#### Chemical description/Application

A proprietary liquid Bio-Nutrient with Amino Acids for acceleration of microbial growth and activity.

#### 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		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>
Fulvic Acid	####	###	###	###	###
Kelp (Ecklonia maxima)	####	###	###	###	###
Kelp (Ascophyllum nodosum)	####	###	###	###	###
Amino Acids	####	###	###	###	###
Maltodextrin	####	###	###	###	###
Molasses					

### 3. HAZARDS IDENTIFICATION

None of the ingredients in this material meet the definition of "Hazardous Chemical" 29 CFR1910.1200  
GHS: 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 brown or black solution with characteristic fermentation odor  
**Specific Gravity:** 1.12 ±0.02 g/mL  
**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.