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Big Foot Ecto-Mycorrhizae

SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name	Big Foot Ecto-Mycorrhizae
Product Use:	Soil Amendment
Supplier:	The American Root Company, LLC.
Address:	1576 SE N St., Grants Pass, OR 97526 USA
Phone Number:	541-226-2858 (Monday-Friday, 9:00 a.m. – 5:00 p.m.)
Emergency Number:	In an emergency call 911

2. HAZARDS IDENTIFICATION

OSHA Regulatory Status: Hazard Communication Standard (29 CFR 1910.1200).

Classification: Single Exposure: Category 3

Signal Word: Warning

Hazard Symbols:
exclamation mark



Hazard Statements:
May cause respiratory irritation.

Prevention Statements:
Avoid breathing dust
Use outdoors or in a well-ventilated area

Response Statements:
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Storage:
Store in a dry area.

Disposal:
Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	Concentration (w/w %)
Humic –Derived from Leonardite	1415-93-6	25-50%
Kelp – Seaweed Extract	69235-69-4	25-50%
Proprietary – Other Ingredients	Trade Secret	25-50%

*Exact percentages vary based on batch to batch variability. Ingredients not identified are proprietary or non-hazardous.

4. FIRST AID MEASURES

If Inhaled	Move to fresh air. If irritation or other symptoms occurs, get medical attention.
If on Skin:	No first aid should be needed.
If in Eyes:	Rinse opened eye for several minutes under running water. If irritation persists or for foreign body in the eye, get medical attention.
If Swallowed:	If symptoms persist consult doctor.

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Use media that is appropriate for surrounding fire.
Special Exposure Hazards:	None known
Special Protective Equipment / Procedures for Firefighters:	None known

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	None know
Environmental Precautions:	None known
Containment / Clean-Up Methods:	Sweep up and collect for proper disposal

7. HANDLING & STORAGE

Handling:	Avoid breathing dust. Ensure good ventilation/exhaustion at the workplace.
Storage:	Store in a dry area. Avoid consistent temperature above 120 degrees Fahrenheit. Keep container tightly sealed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	For operations where the exposure limit may be exceeded, local exhaust ventilation is recommended.
Personal Protective Equipment :	**Clothing:** None required for normal use. **Eye Protection:** Safety glasses or goggles if needed to prevent eye contact. **Respiratory Protection:** None required for normal use. For operations where the dust concentration may be excessive, a dust respirator may be used. Follow OSHA regulations in the selection and use of respiratory protection.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	White fluffy powder.	**Upper/Lower flammability limits:**	Not available
Odor:	Earthy	**Vapor pressure:**	Not available
Odor threshold:	Not available	**Vapor density: (air =1)**	Not applicable
pH:	Not applicable	**Specific Gravity: (H_2O = 1)**	Not applicable
Melting/Freezing point:	Not applicable	**Solubility:**	Not applicable
Boiling point:	Not applicable	**Partition coefficient (n-octanol-water):**	Not determined
Flash point:	Not applicable	**Auto-ignition temperature:**	Not applicable
Evaporation rate:	Not available	**Decomposition temperature:**	Not applicable
Flammability (solid, gas):	Not applicable	**Viscosity:**	Not applicable

10. STABILITY & REACTIVITY

Reactivity hazards:	No further relevant information available

Chemical stability:	No decomposition if used according to specifications
Conditions to avoid:	No further relevant information available
Incompatible materials:	No further relevant information available
Hazardous decomposition products:	No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

Information:	**Ingestion:** No adverse effects expected with unused material **Inhalation:** Inhalation of excessive concentrations of dust may cause irritation of mucous membranes and upper respiratory tract. **Eye:** Contact with excessive concentrations of dust may cause irritation. **Skin:** No known hazard. **Sensitization:** No adverse effects expected. **Medical Conditions Aggravated By Exposure:** None currently known.
Acute toxicity:	No toxicity data available
Corrosivity:	This is not a corrosive product
Eye	Contact may cause mechanical irritation
Respiratory/Skin sensitization:	No sensitizing effects known
Germ cell mutagenicity:	No specific data is available. This product is not expected to present a germ cell mutagenicity hazard
Carcinogen Status	No toxicity data available. The substance does not meet the criteria for carcinogen under Regulation (EC) No 1272/2008
Reproductive toxicity:	Attapulgite-type clay: No specific data is available.
Repeat Dose Toxicity	No toxicity data available.

12. ECOLOGICAL INFORMATION

Toxicity:	None known
Persistence/ degradability:	No further relevant information available
Bioaccumulative potential:	No further relevant information available
Mobility in soil:	No further relevant information available
Other adverse effects:	No further relevant information available
Results of PBT and vPvB assessment	PBT: Not applicable vPvB: Not applicable

13. DISPOSAL CONSIDERATIONS

Disposal methods: Waste treatment methods: Recommendation; Recycle or dispose with household trash
Uncleansed packaging: Recommendation; Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

	DOT	IMDG	IATA
UN number:	Not applicable	Not applicable	Not applicable
Proper shipping name:	Not regulated under DOT	Not regulated	Not regulated
Hazard class(es):	Not applicable	Not applicable	Not applicable
Packing group:	Not applicable	Not applicable	Not applicable
Special precautions:	None		

15. REGULATORY INFORMATION

CERCLA	This product is not subject to CERCLA release reporting.
SARA (311/312)	None
SARA 313	None
TSCA	Components of this product are listed on the EPA TSCA Inventory or exempt from notification requirements
EINECS	Components of this product are listed on the EINECS Inventory or exempt from notification requirements
JAPAN MITI:	No data available
AICS:	No data available

16. O T H E R I N F O R M A T I O N

HMIS Ratings: Health – 0 Flammability – 0 Reactivity – 0

Disclaimer: The information provided in this Safety Data Sheet (SDS) is provided in good faith and believed to be accurate at the time of preparation of the SDS. However, The American Root Company and its subsidiaries or affiliates extend no warranties, make no representations, and assume no responsibility as to the accuracy, suitability, or completeness of such information. Additionally, neither The American Root Company nor any of its subsidiaries or affiliates represents or guarantees that this information or product may be used without infringing the intellectual property rights of others. It is the users' own responsibility to determine the suitability of this information for their own particular use of this product. If necessary, contact The American Root Company to confirm that you have the most current product label and SDS.

This Safety Data Sheet (SDS) may provide more information than the product label but does not replace or modify the product labeling (attached to and accompanying the product container). The product SDS and the product label both provide consistent and important health, safety, and environmental information as required by the Occupational Health and Safety Act (29 CFR 1910.1200, "Hazcom"). This requirement covers employers, employees, emergency responders, users and others handling the product. All necessary hazard classification and appropriate precautionary, use, storage, and disposal information is set forth on the labeling and the SDS.

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