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# Big Foot Mycorrhizae Concentrate

## SAFETY DATA SHEET

### 1. PRODUCT & COMPANY IDENTIFICATION

**Product Name** Big Foot Mycorrhizae Concentrate  
**Product Use:** Fertilizer  
**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

| <u>Ingredient</u>               | <u>CAS #</u> | <u>Concentration (w/w %)</u> |
|---------------------------------|--------------|------------------------------|
| 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



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### 6. ACCIDENTAL RELEASE MEASURES

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

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### 7. HANDLING & STORAGE

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

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|  |   |
|--|---|
| <b>Engineering Controls:</b>           | For operations where the exposure limit may be exceeded, local exhaust ventilation is recommended.  |
| <b>Personal Protective Equipment :</b> | <b>Clothing:</b> None required for normal use.<br><b>Eye Protection:</b> Safety glasses or goggles if needed to prevent eye contact.<br><b>Respiratory Protection:</b> 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. |

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### 9. PHYSICAL & CHEMICAL PROPERTIES

|                                   |                |   |                |
|-----------------------------------|----------------|---|----------------|
| <b>Appearance:</b>                | Black powder   | <b>Upper/Lower flammability limits:</b>         | Not available  |
| <b>Odor:</b>                      | Earthy         | <b>Vapor pressure:</b>                          | Not available  |
| <b>Odor threshold:</b>            | Not available  | <b>Vapor density: (air =1)</b>                  | Not applicable |
| <b>pH:</b>                        | Not applicable | <b>Specific Gravity: (H<sub>2</sub>O = 1)</b>   | Not applicable |
| <b>Melting/Freezing point:</b>    | Not applicable | <b>Solubility:</b>                              | Not applicable |
| <b>Boiling point:</b>             | Not applicable | <b>Partition coefficient (n-octanol-water):</b> | Not determined |
| <b>Flash point:</b>               | Not applicable | <b>Auto-ignition temperature:</b>               | Not applicable |
| <b>Evaporation rate:</b>          | Not available  | <b>Decomposition temperature:</b>               | Not applicable |
| <b>Flammability (solid, gas):</b> | Not applicable | <b>Viscosity:</b>                               | Not applicable |

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### 10. STABILITY & REACTIVITY

|  |  |
|--|--|
| <b>Reactivity hazards:</b>               | No further relevant information available            |
| <b>Chemical stability:</b>               | No decomposition if used according to specifications |
| <b>Conditions to avoid:</b>              | No further relevant information available            |
| <b>Incompatible materials:</b>           | No further relevant information available            |
| <b>Hazardous decomposition products:</b> | No dangerous decomposition products known            |



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### 11. TOXICOLOGICAL INFORMATION

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

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### 12. ECOLOGICAL INFORMATION

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

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### 13. DISPOSAL CONSIDERATIONS

|                          |  |
|--------------------------|--|
| <b>Disposal methods:</b> | Waste treatment methods: Recommendation; Recycle or dispose with household trash<br>Uncleansed packaging: Recommendation; Disposal must be made according to official regulations. |
|--------------------------|--|

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### 14. TRANSPORT INFORMATION

|                              | <u>DOT</u>              | <u>IMDG</u>    | <u>IATA</u>    |
|------------------------------|-------------------------|----------------|----------------|
| <b>UN number:</b>            | Not applicable          | Not applicable | Not applicable |
| <b>Proper shipping name:</b> | Not regulated under DOT | Not regulated  | Not regulated  |
| <b>Hazard class(es):</b>     | Not applicable          | Not applicable | Not applicable |
| <b>Packing group:</b>        | Not applicable          | Not applicable | Not applicable |
| <b>Special precautions:</b>  | None                    |                |                |



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### 15. REGULATORY INFORMATION

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

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### 16. OTHER INFORMATION

**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.

|                              |                          |                            |                |
|------------------------------|--------------------------|----------------------------|----------------|
| <b>SDS preparation date:</b> | March 1, 2017 <i>New</i> | <b>Replaces SDS dated:</b> | Not Applicable |
| <b>Revisions:</b>            | <i>SDS from Author</i>   | <b>Version:</b>            | <i>1.1</i>     |