1. IDENTIFICATION

Product Identifier
Product Name Root

Details of the supplier of the safety data sheet
Supplier Address
Rx Green Solutions, LLC
873 Page Street
Manchester, NH 03109

Emergency Telephone Number
Company Phone Number Business Phone: (603) 769-3450
Fax Phone: (603) 769-3450
Emergency Telephone (24 hr) INFOTRAC 1-800-535-5053

2. HAZARDS IDENTIFICATION

Appearance: Brown Powder  Physical State: Granular

Effects of Overexposure:
Acute: May cause eye and respiratory irritation
Chronic: None known

General Precautions:
Always practice good hygiene wash hands thoroughly after handling. Do not get in eyes or on skin. Do not ingest.

Medical Conditions Recognized As Being Aggravated By Exposure:
Respiratory disease (bronchitis, asthma, emphysema).

Primary Route of Entry:
Eyes, lungs.

ATCC Classification:
Bio-Safety Level 1
3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Name: Root

Description:
Free flowing microbial inoculant containing all natural, non genetically altered, Bio-Safety Level 1 (ATCC) beneficial soil microorganisms, bio-stimulants and microbial synergists.

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS #</th>
<th>OSHA EXP. LIMITS *</th>
<th>TOXICITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diatomaceous Earth</td>
<td>61790-53-2</td>
<td>15 mg / m³</td>
<td>NAV</td>
</tr>
</tbody>
</table>

* Total Dust
DE = uncalcined diatomaceous earth

4. FIRST-AID MEASURES

First Aid Measures

Skin
Remove contaminated clothing and wash hands thoroughly after use. If irritation occurs consult with physician.

Eyes
Flush eyes with cool water for 15 minutes, remove contact lenses and consult physician if irritation persists.

Ingestion
If conscious rinse mouth and dilute with fluids. Consult physician or poison control for further treatment advice.

Inhalation
Move person to fresh air and consult physician for further treatment advice.

Note To Physician
N/A

5. FIRE-FIGHTING MEASURES

Extinguishing Media
Use appropriate media for underlying cause of fire.

Special Fire Fighting Procedures
Wear self-contained breathing apparatus. Product is not flammable and can be quickly diluted with water.

Flash Point
N/A

Special Fire Hazards
None

Specific Hazards
None
### 6. ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled**  
Wear protective equipment sweep up spill using dust suppressant (such as water). Dispose of in accordance with local, state & federal regulations.

Waste is Non Hazardous as defined by RCRA (40 CFR261)  
Reportable Quantity (RQ) Under Cercla: No

### 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling**  
Do not get in eyes, breathe in dust or ingest. Upon contact wash affected area with soap and water. Store in original container with lid tightly secured. Store product in a cool, dry place on a pallet or rack system. Avoid excessive heat & sunlight.

**Other**  
Always follow label directions

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Appropriate engineering controls**

**Engineering Controls**  
Apply technical measures to comply with the occupational exposure limits.

**PEL**  
N/A

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**  
Eye protection (OSHA Approved) is recommended is potential for excessive dust exists.

**Skin and Body Protection**  
None

**Respiratory Protection**  
Respiratory protection (OSHA Approved) is recommended if potential for excessive dust exists when utilized in doors.

**Other**  
Wear pants, shirt, shoes and socks

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Appearance**  
Off white – tan free flowing powder with characteristic fermentation odor.

**Solubility**  
Partially soluble, balance forms a suspension
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>ND</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>(Air = 1): N/A</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>N/A</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>N/A</td>
</tr>
<tr>
<td>pH (as is):</td>
<td>7-9 (10% Slurry)</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Hazardous Decomposition Product**
None

**Incompatibility**
Acids, bases, heat sources, reducing agents, disinfectants, hydrofluoric acid

**Sustainability**
Stable under normal conditions

**Hazardous Polymerization**
None

**Conditions To Avoid**
Excessive moisture & heat during storage

### 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity Reference**

- I.A.R.C: No
- N.T.P: No

**Summary**
Prolonged and repeated exposure to excessive concentrations of this product’s dust, or any nuisance dust, can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness.

### 12. ECOLOGICAL INFORMATION

Avoid discharge into streams, lakes, waterways & storm drains. Generally considered chemically inert in the environment.

### 13. DISPOSAL CONSIDERATIONS

Dispose of unused product in accordance with local, state & federal registrations for Natural Soil Bacteria. Triple rinse container & recycle.
14. TRANSPORT INFORMATION

DOT Shipping Name | None
UN Number | None
Hazardous Class | Not Classified
Primary Hazard Label | None
Subsidiary Risk Label | None
WHMIS Classification | N/A

15. REGULATORY INFORMATION

SARA 311-312
Diatomaceous earth carrier Hazardous Categories – Immediate and delayed health

SARA 313: Not reportable

CERCLA: Not reportable
This product does not contain any ingredients on RCRA or U lists of Federal Hazardous Waste
* This product does not contain any ingredients on the Clean Air Act (CAA) list of hazardous waste.

16. OTHER INFORMATION

Version: 1
Issue Date: 10-Aug-2015
Revision Date: 10-Aug-2105

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.