

# Safety Data Sheet

## 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.

COMPONENT		CAS #	OSHA EXP. LIMITS *	TOXICITY
Diatomaceous Earth	10%	61790-53-2	15 mg / m <sup>3</sup>	NAV

\* Total Dust

DE = uncalcined diatomaceous earth

### 4. FIRST-AID MEASURES

**First Aid Measures**

<b>Skin</b>	Remove contaminated clothing and wash hands thoroughly after use. If irritation occurs consult with physician.
<b>Eyes</b>	Flush eyes with cool water for 15 minutes, remove contact lenses and consult physician if irritation persists.
<b>Ingestion</b>	If conscious rinse mouth and dilute with fluids. Consult physician or poison control for further treatment advice.
<b>Inhalation</b>	Move person to fresh air and consult physician for further treatment advice.
<b>Note To Physician</b>	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

<b>Advice on Safe Handling</b>	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.
<b>Other</b>	Always follow label directions

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Appropriate engineering controls

<b>Engineering Controls</b>	Apply technical measures to comply with the occupational exposure limits.
<b>PEL</b>	N/A

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

<b>Eye/Face Protection</b>	Eye protection (OSHA Approved) is recommended is potential for excessive dust exists.
<b>Skin and Body Protection</b>	None
<b>Respiratory Protection</b>	Respiratory protection (OSHA Approved) is recommended if potential for excessive dust exists when utilized in doors.
<b>Other</b>	Wear pants, shirt, shoes and socks

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Appearance</b>	Off white – tan free flowing powder with characteristic fermentation odor.
<b>Solubility</b>	Partially soluble, balance forms a suspension

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<b>Boiling Point</b>	N/A
<b>Melting Point</b>	ND
<b>Freezing Point</b>	N/A
<b>Evaporation Rate</b>	N/A
<b>Vapor Density</b>	(Air =1): N/A
<b>Specific Gravity</b>	N/A
<b>Bulk Density</b>	N/A
<b>pH (as is):</b>	7-9 (10% Slurry)

## 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 in to 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

<b><u>DOT Shipping Name</u></b>	None
<b><u>UN Number</u></b>	None
<b><u>Hazardous Class</u></b>	Not Classified
<b><u>Primary Hazard Label</u></b>	None
<b><u>Subsidiary Risk Label</u></b>	None
<b><u>WHMIS Classification</u></b>	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**

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