

Safety Data Sheet

1. IDENTIFICATION

Product Identifier

Product Name Root

Details of the supplier of the safety data sheet

Supplier Address

Rx Green Technologies, 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 ³	NAV

* 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

Boiling Point	N/A
Melting Point	ND
Freezing Point	N/A
Evaporation Rate	N/A
Vapor Density	(Air =1): N/A
Specific Gravity	N/A
Bulk Density	N/A
pH (as is):	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

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