

# Material Safety Data Sheet

## RHIZOFUEL

Last Revision: June 13, 2007 ! ! Emergency Phone: (516) 781-6464

### Product Identification

Name: ! RhizoFuel

Chemical description:! Beneficial endomycorrhizal and ectomycorrhizal propagules on an expanded clay carrier beneficial for plant growth, with trichoderma and an organic fertilizer.

Hazardous components:! Vitamin B1 (Thiamine)! ! <1%  
 Vitamin C (Ascorbic acid)! <1%  
 Vitamin E (a-tocopherol)! <1%!

Company: Rootgrow, Inc. (516) 781-6464 www.rootgrow.com

### Physical/Chemical Characteristics

Boiling point!	!	!	Not applicable
Vapor pressure!	!	!	Not applicable
Vapor density!	!	!	Not applicable
Evaporation rate!	!	!	Not applicable
Melting point!	!	!	Decomposes >400° F
Specific gravity!	!	!	0.8
pH!	!	!	7.0 @10% dispersion in water
Solubility in water!	!	!	Insoluble suspension, except for some compost materials.
Appearance!	!	!	Brown granules
Odor!	!	!	Slight ammonia

### Fire and Explosion Information

Flash point!	!	!	Not applicable
Flammable limits!	!	!	May char or smolder if exposed to fire, will not burn.
Extinguishing media!	!	!	Water, CO <sub>2</sub>
Special Fire Fighting Procedures!	No special methods required		
Special Fire and Explosion hazards!	May emit corrosive fumes when charred by intense heating.		

### Reactivity Data

Stability!	!	!	Stable at normal temperatures.
Conditions to avoid!	!	!	Contact with strong oxidizers.
Incompatibility!	!	!	Strong alkalis will release ammonia fumes.

Hazardous decomposition! ! oxidized.! Ammonia may form if product is strongly heated or

Hazardous polymerization! ! Will not occur

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Spill or Leak Procedures

If spilled, simply sweep or vacuum up spilled product, dispose as soil.  
Decontamination is unnecessary. No environmental hazards.

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Health Effects/First Aid Information

Inhalation: Help victim to fresh air, if breathing difficult administer oxygen. Consult physician.

Eyes: Will irritate on contact, wash out quickly to remove all particulate matter.

Ingestion: For small amounts, drink plenty of water. More than a mouthful should be purged by vomiting, but only if victim is conscious.

Skin: Wash with soap and water.

Signs/symptoms of exposure: Product components are soil like in nature and are non-toxic, non allergenic, and non pathogenic to mammals. No known chronic effects.

Carcinogenicity: Ingredients not listed as carcinogenic in NTP or IARC listings. Not OSHA regulated

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Precautions for Safe Handling and Use:

Respiratory Protection: Not normally needed. If dusting occurs use approved respirator to eliminate exposure.

Ventilation: Exhaust fan recommended to control dusting.

Protective gloves/clothing: Rubber or plastic recommended if repeated or prolonged contact expected.

Eye protection: Chemical splash goggles recommended where dusting is expected. Safety glasses suffice otherwise.

Work practices: Use good housekeeping practices. Keep containers tightly closed.

Spills: Avoid creating dust when cleaning up. Scoop, shovel or sweep to labeled containers for recycling/salvage, if not contaminated by other material.

Waste Disposal method: Package material for removal to approved landfill.

Precautions for storing and handling: Avoid storage in wet or moist areas.  
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