

Material Safety Data Sheet

Ultrafine Mycorrhizae for GreenGro, LLC

Last Revision: December 2, 2010

Emergency Phone: (866) 884-6803

Product Identification

Name: **GreenGro Ultrafine Mycorrhizae**

Chemical description: Beneficial mycorrhizal spores; Glomus intraradices, G. Deseticola

G. Clarum and G. entunicatum.

Beneficial Bacteria species; Bacillus subtilis, Bacillus licheniformis, Bacillus amyloliquefaceans, Bacillus thuringiensis, Bacillus polymyxa.

Hazardous components: none

Company: GreenGro, LLC (866) 884-6803 www.thegreengro.com.com

Physical/Chemical Characteristics

Boiling point Not applicable

Vapor pressure Not applicable

Vapor density Not applicable

Evaporation rate Not applicable

Melting point	Not applicable
Specific gravity	0.45
pH	6.5 @ 10% dispersion in water
Solubility in water	Hydrophobic initially; becoming suspendable with agitation.
Appearance	Beige-grey fine powder
Odor	Not distinctive

Fire and Explosion Information

Flash point	Not applicable
Flammable limits	Smolders when directly heated in flame.
Extinguishing media	Water, CO ₂
Special Fire Fighting Procedures	No special methods required
Special Fire and Explosion hazards in air.	Dust explosion is possible when product is finely dispersed

Reactivity Data

Stability	Stable at normal temperatures.
Conditions to avoid	Strong winds
Incompatibility	None
Hazardous decomposition	Will not occur
Hazardous polymerization	Will not occur

Health Effects/First Aid information

Routes of entry:

Inhalation: Dust can cause irritation of mucus membrane, sneezing and coughing. Persons allergic to spores may be sensitive.

Eyes: Will irritate on contact, wash out quickly.

Ingestion: Not toxic, but in large amounts can cause upper GI tract disturbance.

Skin: Brief contact with the skin is not toxic. Repeated or prolonged contact will dehydrate skin.

Signs/symptoms of exposure: Eye irritation and or sneezing, coughing and difficulty breathing.

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

Emergency and First Aid Procedures:

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

Eyes: Flush immediately with water for 15 minutes, lift lids. See physician if irritation persists.

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

Skin: Wash gently with mild soap/detergent and flowing water. Wash contaminated clothing.

Precautions for Safe Handling and Use

Respiratory protection: If dusting occurs use approved respirator to eliminate exposure.

Ventilation: Exhaust fan recommended to control any 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 in storing and handling: Avoid storage in wet or moist areas.
