

Material Safety Data Sheet

Botanicare ZHO

Last Revision: Feb 17, 2010

Emergency Phone: 541 476 3985

Product Identification

Name: **Botanicare ZHO**

Chemical description: Beneficial endomycorrhizal propagules, trichoderma and glycine

Hazardous components: none

Company: Mycorrhizal Applications, Inc. (541) 476-3985 www.mycorrhizae.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	7.2 @10% dispersion in water
Solubility in water	Insoluble, but suspendable with agitation.
Appearance	Beige powder
Odor	Slight earthy

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 ₂
Special Fire Fighting Procedures	No special methods required.
Special Fire and Explosion hazards	May emit corrosive fumes when charred by intense heating.

Carcinogen Status

Ingredients not listed as carcinogenic. Not OSMA regulated

Reactivity Data

Stability	Stable at normal temperatures.
Conditions to avoid	Contact with strong oxidizers.
Incompatibility	None
Hazardous decomposition	None
Hazardous polymerization	Will not occur.

Spill or Leak Procedures

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

Health Effects/First Aid Information

Inhalation: Help victim to fresh air, if breathing is 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.

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.
