

**MATERIAL SAFETY DATA SHEET****PRODUCT: HENDRIKUS ORGANICS MICROBIAL BLEND - StartRight****SECTION I**

Supplier's Name: Hendrikus Organics, Inc.  
Address: PO Box 1289, Issaquah, WA 98027  
Manufacturer's Name: Mycorrhizal Applications, Inc  
Address: PO Box 1029  
Grants Pass, OR 97528  
Emergency Telephone: 24 hour emergency phone CHEMTREC (800) 424-9300  
Information Telephone: 888-828-9977  
Date prepared: January 3, 2014

**SECTION II INGREDIENTS / IDENTITY INFORMATION**

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

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

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point: N/A  
Vapor Pressure: N/A  
Vapor Density: N/A  
Evaporation Rate: N/A  
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 and Odor: Brown granules, slight ammonia

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

Flash Point: N/A  
Flammable Limits: May char or smolder if exposed to fire, will not burn.  
Extinguishing Media: Carbon Dioxide, Water  
Special Fire Fighting Procedures: No special methods required  
Unusual Fire and Explosive Hazards: May emit corrosive fumes when charred by intense heating.

**SECTION V REACTIVITY DATA**

Stability: Stable at normal temperatures.  
Incompatibility: Strong alkalis will release ammonia fumes.  
Hazardous Decomposition: Ammonia may form if product is strongly heated or oxidized.  
Hazardous Polymerization: Will not occur.  
Conditions to Avoid: Contact with strong oxidizers.

N/A = Not applicable

N/D = Not determined

**MATERIAL SAFETY DATA SHEET****PRODUCT: HENDRIKUS ORGANICS MICROBIAL BLEND - StartRight****SECTION VI HEALTH HAZARD DATA**

Routes of exposure:	Eye, skin, inhalation, ingestion
Eyes:	Will irritate on contact, wash out quickly to remove all particulate matter.
Skin:	Wash with soap and water.
Inhalation:	Help victim to fresh air, if breathing difficult administer oxygen. Consult physician.
Ingestion:	For small amounts, drink plenty of water. More than a mouthful should be purged by vomiting, but only if victim is conscious.
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.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

If material is released or spilled:	Avoid creating dust when cleaning up. Scoop, shovel or sweep to labeled containers for recycle or salvage, if not contaminated by other material.
Waste and Disposal Method:	Package material for removal to approved landfill.
Precautions to be taken in Handling and Storing:	Store in cool, dry place away from children, domestic animals, food and feed products. Avoid storage in wet or moist areas.
Other Precautions:	N/A

**SECTION VIII CONTROL MEASURES**

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/Hygienic Practices:	Use good housekeeping practices. Keep containers tightly closed.

**SUPPLEMENTAL INFORMATION:**

These materials are made from natural products and may contain naturally occurring microorganisms. Proper precautions are advised to prevent infection of open wounds, inhalation of excessive amounts of dust and eye irritation. The proper hygiene practices necessary to prevent health hazards from any naturally occurring substance such as soil, bark, etc., should be observed.

N/A = Not applicable

N/D = Not determined

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