

Material Safety Data Sheet

Effective Date: 20-NOV-2001

Product: ECTO-GEL

I. IDENTIFICATION

Chemical Name: Endomycorrhizal and Ectomycorrhizal Fungi  
Chemical Family: Inoculum  
Formula: Not applicable, formulated mixture.  
Synonyms: None  
CAS Number: Not applicable, formulated mixture.  
EPA Number: Exempt

II. PHYSICAL DATA

Boiling Point: Not applicable  
Freezing Point: Not applicable  
Spec Gravity: 0.8 gms/cc  
Vapor Pressure: Not applicable  
Vapor Density: Not applicable  
Solubility: Insoluble suspension  
Volatiles: Not determined  
Evaporation: Not applicable  
Melting Point: Decomposes >400 Deg. F.  
Appearance: Dark brown, coarse granular, slight ammonia odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of Beneficial Endomycorrhizal and Ectomycorrhizal Fungi and Humic, Seaweed Extract, and Vitamins		100.00	N/D	Mild skin and eye irritant.

NOTE: N/D = Not Determined

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Not applicable  
Autoignition Temp: Not applicable  
Flammable Limit: Not applicable  
Extinguishing Media: Use water or carbon dioxide. Material will not burn but may char or smolder.  
Special Fire Fight Proc: Wear full protective clothing and self-contained breathing apparatus.  
Fire and Expl Hazard: May emit corrosive fumes when charred by intense heating.

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V. HEALTH HAZARD  
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Carcinogen Information: Not listed by NTP, IARC, or OSHA.

ACUTE EFFECTS OF OVER EXPOSURE  
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Swallowing: Product components are soil-like in nature and are non-toxic when swallowed.  
Skin Absorption: Material is not readily absorbed by intact skin. May cause skin irritation with prolonged contact.  
Inhalation: Mild irritation or respiratory tract or sinuses may occur if inhaled. Inhalation of material should be avoided.  
Skin contact: May produce mild skin irritation with prolonged contact.  
Eye Contact: Material may be irritating upon contact with eyes (particulate matter).  
Chronic Effects: No chronic effects known at this time.  
Other Hazard: Product components are soil-like in nature and are non-toxic, non-allergenic, and non-pathogenic to mammals.

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: For small amounts, drink plenty of water. If more than a mouthful is ingested, purge by vomiting, only if victim is conscious. Seek medical attention.  
Skin: Wash skin thoroughly with soap and water. If irritation persists, seek medical attention.  
Inhalation: Move victim to fresh air. If irritation develops or persists, seek medical attention.  
Eyes: Immediately flush eyes with water for at least 15 minutes. Particulate matter may be irritating. Seek medical attention if irritation persists.  
Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

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VI. REACTIVITY  
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Stability: Stable  
Conditions to Avoid: None currently known.

Polymerization: Will Not Occur

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PH: 901-761-0050  
CHEMTREC: 800-424-9300

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Conditions to Avoid: None currently known.  
Incompatibility material: Contact with strong alkalis will release ammonia fumes. Avoid contact with strong oxidizers.  
Hazardous Combustion: Ammonia may form if product is strongly heated or oxidized.  
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VII. SPILL OR LEAK PROCEDURES  
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Spill or Leak Proc: If spilled, sweep or vacuum up spilled product. Dispose as soil. If uncontaminated, reuse as intended.  
Waste Disposal Method: This material must be disposed of according to Federal, State, or Local procedures under the Resource Conservation and Recovery Act.  
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VIII. SPECIAL PROTECTION INFORMATION  
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Respiration: Dust mask may be needed to avoid inhaling product.  
Ventilation: Exhaust fan recommended to control dusting.  
Gloves: Rubber or plastic recommended, but not required.  
Eyes: Chemical goggles or safety glasses w/side shields  
Other: Long sleeve shirt and long pants, shoes plus socks, and eyewash station.  
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IX. SPECIAL PRECAUTIONS  
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Special precaution: Keep out of reach of children. Do not store with food, feed, or other materials to be used or consumed by humans or animals. Avoid contaminating water supplies, lakes, streams, or ponds.  
Other precaution: Avoid storage in moist or wet areas. Keep containers tightly closed. Use good housekeeping practices.  
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X. SHIPPING INFORMATION  
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Shipping name: Not regulated by D.O.T.  
Hazard Class: None

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Identification No: None

Labels Required: None Required

Placarding: None

Freight Class: Bacteria, Seed or Soil Inoculant, N.O.I. (NMFC  
20380, Class 60) "Non-DOT Regulated"

Chemical Name

Equivalent R.Q.

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Not applicable

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Not applicable

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XI. GENERAL PRODUCT INFORMATION  
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National Fire Protection Association Rating:

(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1

Fire: 0

Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y

Delayed (Chronic) Health: N

Sudden Release of pressure: N

Fire: N

Reactive: N

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Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017  
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