

# MATERIAL SAFETY DATA SHEET (MSDS)

## Section I Identity

Manufactured / Distributed By:  
**Down To Earth Distributors, Inc.**  
**3030 Judkins Road**  
**Eugene, OR 97403**

Product Name:  
**Down To Earth Granular Root Zone**  
**Mycorrhizal Fungi with Beneficial Bacteria**

Emergency Telephone: **1-800-234-5932**  
Information Telephone: **1-800-234-5932**

Date Prepared:  
**10/3/2012**

## Section II Hazardous Ingredients / Identity Information

Hazardous Components: (Specific chemical identity, common names) OSHA PEL / ACGIH TLV / Other Recommended / % (optional)

**No direct hazardous components are known.**

**Down To Earth Granular Root Zone is comprised of endomycorrhizal and ectomycorrhizal fungi on an expanded clay carrier, trichoderma, bacteria and an organic granular fertilizer.**

Formula :

**Proprietary Mixture**

## Section III Physical / Chemical Characteristics

Boiling Point:	N/A	Specific Gravity (H <sub>2</sub> O = 1):	<b>0.8</b>
Vapor Pressure (mm Hg):	N/A	Melting Point:	N/A
Vapor Density (Air = 1):	N/A	Evaporation Rate (Butyl Acetate = 1):	N/A
Solubility in Water:	N/A	pH:	<b>7.0</b>

Appearance & Odor:

**Gray to black granules.**

**Slight earthy odor.**

## Section IV Fire and Explosion Hazard Data

Flash Point (Method Used):	<b>Non-Flammable</b>
Flammable Limits / LEL / UEL:	<b>N/A</b>
Extinguishing Media:	<b>Water, Foam or CO<sub>2</sub></b>
Special Fire Fighting Procedures:	<b>Use standard self contained breathing apparatus.</b>
Unusual Fire and Explosion Hazards:	<b>No acute hazard</b>

## Section V Reactivity Data

Stability:	<b>Stable</b>
Incompatibility (Materials To Avoid):	<b>None Known</b>
Hazardous Polymerization:	<b>Will Not Occur</b>
Hazardous Decompositions or Byproducts:	<b>None Known</b>
Conditions to Avoid:	<b>None</b>

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## Section VI

## Health Hazard Data

Health Hazards:

**No known acute health hazards. No known chronic health hazards.**

**Nuisance dust may require use of dust mask and safety glasses. Gloves are recommended.**

Carcinogenicity:

**N/A**

Routes of Entry:

**Inhalation / Skin / Ingestion**

Signs and Symptoms of Exposure:

**None serious. Temporary skin irritation may result from prolonged exposure.**

Medical Conditions Aggravated by Exposure:

**None Known**

Emergency and First Aid Procedures:

**Wash thoroughly with soap and water after handling. Ingestion can cause nausea or vomiting. If ingested, give large amounts of water and call a physician.**

## Section VII

## Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:

**Shovel up large spills for use or disposal. Sweep up small spills.**

Waste Disposal Method:

**Handle like any natural fertilizing material. Dispose of in accordance with local, state and federal regulations. Disposal in waterways or sensitive areas should be avoided.**

Precautions to be taken in Handling and Storage:

**Store in a dry place.**

Other Precautions:

**This material contains naturally occurring fungi and microorganisms. Proper precautions are advised to prevent infection of open wounds, inhalation of excessive amounts of dust, eye irritation and ingestion.**

## Section VIII

## Control Measures

Respiratory Protection (Specify):

**Standard respirator for dust.**

Local Exhaust Ventilation:

**Open windows and doors as needed.**

Mechanical Ventilation (General):

**Roof or wall exhausters as needed.**

Protective Gloves:

**Ordinary work gloves or rubber gloves.**

Eye Protection:

**Safety glasses as needed.**

Other Protective Clothing or Equipment:

**Ordinary protective clothing.**

Work / Hygienic Practices:

**Wash thoroughly with soap and water after handling. Use of proper hygienic practices is advised to prevent possible health hazards from any naturally occurring substance such as fertilizers, soil, composts, etc.**