



Safety Data Sheet (SDS)

Section 1: Identification

Product Name: Planet Earth Creations Natural Organic Based ROOTS Inoculant – Liquid Concentrate 0.25-0.05-0.03

Common Name(s): ROOTS

Product Code: N/A

CAS #: N/A

Manufacturer: Planet Earth Creations, Inc.

Physical Address: 1801 Rock Rd, Commerce Twp, MI 48390

Mailing Address: 1801 Rock Rd, Commerce Twp, MI 48390

Recommended Use: Compost Tea/Fertilizer

Restrictions: N/A

Telephone Number: 248-247-8040

Emergency #: 248-247-8040

Section 2: Hazard Identification

Hazard Group: None

Hazard Classes: None

While this material is not considered hazardous by the OSHA Hazard communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Hazard Statements: None

Precautionary Statements:

Prevention

P264: Wash skin thoroughly after handling

P280: Wear protective clothing; use eye protection and nitrile gloves under normal conditions

Response

P302: If on skin: Wash with plenty of soap and water

P305: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332: If skin irritation occurs: Get medical advice/attention

P337: If eye irritation persists: Get medical advice/attention

Storage

P404: Store in a closed container

Disposal

P501: Dispose of contents in accordance with local, state, and federal regulations.



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Section 3: Composition/Information on Ingredients

Ingredients: Proprietary mixture of endomycorrhizal and ectomycorrhizal fungi, various Bacillus, Trichoderma and other beneficial microorganism strains, animal and/or plant by-products, mined minerals and stabilizing agents

CAS #: N/A

NIOSH Registry #: Not Registered

Chemical Name	Common name and synonyms	CAS Number	%
N/A	N/A	N/A	N/A

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First-Aid Measures

Inhalation: Remove person to fresh air and keep at rest in a position comfortable for breathing. If respiratory distress continues, seek medical attention.

Skin Irritation: Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation persists, seek medical attention. Wash contaminated clothing before reuse.

Eye: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If pain and/or eye irritation persists, seek medical attention.

Ingestion: Rinse mouth. If gastrointestinal distress occurs, seek medical attention.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: Water Fog, Foam, Carbon Dioxide, Dry Chemical Powder

Unsuitable Extinguishing Media: None

Flash Point: N/A

Specific Fire-Related Hazards: None

Special Protective Equipment: None

Special Fire-Fighting Procedures: None

Unusual Fire/Explosion Hazards: None

Section 6: Accidental Release Measures

Personal Precautions: Wear appropriate protective clothing, eye protection and nitrile gloves during handling and clean-up.

Environmental Precautions: Prevent further leakage or spillage if safe to do so.

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Methods for Handling Spills: In case of large spills: Stop the flow of material if this is without risk. Absorb in vermiculite, dry sand or earth and place into disposal containers. Following product recovery, flush area with clean water. In case of small spills: Wipe up with absorbent material. Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see Section 13 of the SDS.

Section 7: Handling and Storage

Safe Handling: Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Safe Storage: Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Section 8: Exposure Control/Personal Protection

Exposure Limit: There are no exposure limits defined for this product.

Recommended PPE and Handling Practices

Respiratory: Particle mask

Skin Protection: Nitrile gloves

Eye Protection: Safety glasses or goggles

Hygiene: Wash hands thoroughly with soap and water

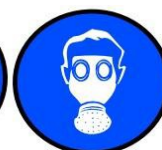
Ventilation: Ensure workspace is well-ventilated



Safety Glasses



Gloves



Particle Mask / Respirator

Section 9: Physical and Chemical Properties

Appearance:	Light amber to light brown liquid	Freezing Point:	N/A
Flammability Limits:	N/A	Solubility in Water:	N/A
Odor:	Mild marine odor	Initial Boiling Point:	N/A
Odor Threshold:	N/A	Boiling Range:	N/A
Vapor Pressure:	N/A	Flash Point:	N/A
Vapor Density:	N/A	Evaporation Rate:	N/A
pH:	7.0	Flammability:	N/A
Specific Gravity:	1.28	Viscosity:	N/A
Melting Point:	N/A	Percent Volatile:	N/A

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Section 10: Stability and Reactivity

Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Chemical Stability:	Product is stable under normal temperatures and conditions
Conditions to Avoid:	None
Required Stabilizers:	None
Incompatibility:	None currently known
Hazardous Decomposition:	None currently known
Hazardous Polymerization:	Will not occur
Hazardous Reactions:	None currently known

Section 11: Toxicological Information

Primary Routes of Exposure:	Skin contact and eye contact
Symptoms of Exposure:	No known significant effects
Information on Toxicological Effects	
Acute Toxicity:	None
Skin Corrosion/Irritation:	No known significant effects
Serious Eye Irritation:	No known significant effects
Respiratory Sensitization:	Not a respiratory sensitizer
Germ Cell Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic
Carcinogenicity:	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA
Reproductive Toxicity:	This product is not expected to cause reproductive or developmental effects.
Aspiration Hazard:	Not an aspiration hazard

Section 12: Ecological Information

Ecotoxicity:	Currently unknown
Bioaccumulation Potential:	Currently unknown
Mobility in Soil:	Currently unknown
Other Adverse Effects:	No other adverse environmental effects are expected from this product



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Section 13: Disposal Considerations

Disposal Instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow the product to drain into sewers/water supplies. Dispose of contents/containers in accordance with local, state and federal regulations.

Section 14: Transport Information

DOT: Not regulated as dangerous goods
UN Number: None assigned
UN Proper Shipping Name: None assigned
Transport Hazard Class: Not regulated as dangerous goods
Environmental Hazards: None known
Guidance on Bulk Transport: Use best known practices when shipping in bulk
Special Precautions: None known

Section 15: Regulatory Information

There are currently no known regulations of the product.

Section 16: Other

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Date of Preparation: 08/01/2018

Date of Revision: N/A