



SECTION 1: PRODUCT IDENTIFICATION

Product Name	TERRESTRIAL 0-0-0.45
Other Identification	None
Recommended Use	Fertilizing and blending applications
Restrictions on Use	None known
Supplier Details	Earthcraft Biosystems, 5420 Beckley Rd, STE A #116 Battle Creek, MI 49015 earthcraftbiosystems.com
Emergency phone number	USA: 800-321-6742 (OSHA) ; 800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Product Definition	Fulvic acid liquid
Classification	Not classified
Label Elements	None
Signal Word	None
Precautionary Statements:	None
Prevention	Keep out of reach of children and pets. Do not inhale or ingest. Wash hands after use.
Response	If exposed, concerned or feeling unwell contact a health care provider. If in eyes rinse with water for several minutes. If swallowed rinse mouth. If on skin, wash with water. If inhaled, move to fresh air.
Storage	Store in original container in a cool, dark location.
Disposal	Dispose of contents and container in accordance with local, regional, and national regulations
Other Hazards	None known

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

SECTION 4: FIRST AID MEASURES

Inhalation	Remove to fresh air and keep comfortable for breathing.
Skin Contact	Wash with soap and water.
Eye Contact	Flush with water for 15 minutes.
Ingestion	Rinse mouth with water.

Most Important Symptoms and Effects, Acute and Delayed

None known.

Immediate Medical Attention and Special Treatment

None known.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media	This product is non-flammable.
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Products of Combustion	Not applicable.
Special Fire Fighting Instructions	None
Special Information	None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use standard safe work procedures, including the use of protective gloves, clothing and eye protection. Avoid inhalation and contact with skin and eyes. Do not ingest. Do not eat, drink or smoke when handling this product. Wash hands after use. Wash contaminated clothing before re-use.

Environmental Precautions

Avoid release to water sources. Dispose of product and packaging in accordance with local, regional, and national regulations.

Methods and Material for Containment and Clean Up

Use standard safe work procedures including the use of protective clothing, gloves and eye protection. Contain spill and dispose of material in accordance with local, regional, and national regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Use standard safe work procedures, including the use of protective clothing, gloves and eye protection. Avoid inhalation and contact with skin and eyes. Do not ingest. Do not eat, drink or smoke when handling this product. Wash hands after use. Wash contaminated clothing before re-use.

Conditions for Safe Storage

Store in original container, in a cool, dry place and protect from freezing. Keep container closed when not in use. Keep out of reach of children and animals.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits	Not normally needed. Ensure adequate ventilation. If there is a large spill, wear an appropriate organic filter mask to reduce lung irritation.
Skin Protection	Not normally needed. Wear appropriate protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to minimize skin contact when handling large quantities.
Eye Protection	Not normally needed. Wear appropriate chemical safety glasses or goggles and/or a full face shield where splashing is possible.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark brown liquid
Odor	Minimal
Odor Threshold	Not available
pH	5.5 - 7.5
Melting/Freezing Point	Freezing point estimated at 0C/32F
Initial Boil Point/Range	Boiling point estimated at 100C/212F
Flash Point	Not available
Evaporation Rate	Not available
Flammability (Solid, Gas)	Non-flammable
Upper/Lower Flammability or Exposure Limits	Not applicable
Exposure Limits	Not applicable
Vapor Pressure	Not available
Vapor Density	Not available
Specific Gravity	Not available
Solubility	Soluble
Partition Coefficient, n-octanol/Water (Log/Kow)	Not available
Auto-Ignition Temperature	Not applicable
Decomposition Temperature	Not available

Viscosity Not available

SECTION 10: STABILITY AND REACTIVITY

Stability Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products None expected under normal conditions of storage, use and transport.

Hazardous Polymerization Will not occur.

Incompatibilities Select water reactant metals.

Conditions to Avoid Temperatures below freezing.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation May cause irritation.

Skin Contact May cause irritation.

Eye Contact May cause irritation.

Ingestion May cause irritation.

SECTION 12: ECOLOGICAL INFORMATION

Eco Toxicity Avoid release to water sources.

Persistence and Degradability Not available.

Bioaccumulative Potential Not available.

Mobility in Soil This product is water soluble and may disperse in soil.

Other Adverse Effects None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods

Rinse packaging and dispose of packaging and product in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

No limitations to transport known

SECTION 15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations

USA

Toxic Substances Control Act (TSCA)

Ingredients are either listed on the TSCA Inventory or exempt.

SECTION 16: OTHER INFORMATION

NFPA Ratings Health: 1 Flammability: 0 Reactivity: 0

Label Hazard Warning Non-hazardous.

Label Precautions None

Label First Aid If swallowed, do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. In all cases call a physician.

Product Use Fertilizing and blending applications

Effective Date August 2022

Revision Information**Disclaimer**

MSDS Section(s) changed since last revision of document include: **0**

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