



SECTION 1: PRODUCT IDENTIFICATION

Product Name RHIZOCRAFT SP 0-0-3
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 Fertilizer powder blend
Classification None
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 The product swells in water. The product, when wet, renders surfaces very slippery.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Percentage	Hazardous
Humic Acid	1415-93-6	22.0%	No

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. Remove contact lenses if present and easy to do. Continue rinsing.
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 Water, water spray, foam, carbon dioxide, or dry powder.
Products of Combustion Airborne concentrations of spore dust at high temperatures

Special Fire Fighting Instructions

In the event of fire, wear self-contained breathing apparatus. Use standard firefighting procedures and preferred extinguishing media above

Special Information

Take precautions against explosion hazard associated with airborne concentrations of spore dust at high temperature.

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. Sweep or vacuum spillage. Wash area with water.

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	Black/brown powder/flake/granule
Odor	Slight earth smell
Odor Threshold	Not applicable
pH	Not applicable
Melting/Freezing Point	Not applicable
Initial Boil Point/Range	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (Solid, Gas)	Not available
Upper/Lower Flammability or Exposure Limits	Keep away from heat or flame
Exposure Limits	Not available
Vapor Pressure	Not available
Vapor Density	Not available
Specific Gravity	0.4 – 0.6
Solubility	Soluble
Partition Coefficient, n-octanol/ Water (Log/Kow)	Not available
Auto-Ignition Temperature	Not available

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	Incompatible with strong acids and oxidizing agents
Conditions to Avoid	Avoid explosive dust concentrations

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: 0 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

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Revision Information

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

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