



Omega Soil Activator

Safety Data Sheet

Revision Date: 08/14/2019
Issue Date: 08/14/2019
Version 1.0

SECTION 1: Identification

Product Identifier

Product form: Mixture

Substance name: Omega

Synonyms: not applicable

Recommended Use Of The Product: To boost and activate soil organisms, while promoting nutrient uptake, in order to maximize grasses' potential and build turf that is resilient to environmental challenges.

Supplier's Details:

Southland Organics

189 Luke Road

Bogart, GA 30622

(800) 608-3755

Emergency telephone number:

(912) 489-3909

SECTION 2: Hazard Identification

GHS Classification:

Class	Signal Word/Symbol	Hazard Statement
Mild Eye irritant – Category 2B	Warning	H320 – Causes eye irritation
Rev 3 Subcategory 1B	Warning Exclamation Mark	H317 – May cause an allergic skin reaction
Category 5	Warning Exclamation Mark	H303 – May be harmful if swallowed

GHS Precautionary Statements:

May be harmful if swallowed

May cause mild skin irritation

May cause an allergic skin reaction

May cause eye irritation

Wash hands thoroughly after handling

Other hazards: No additional information available

SECTION 3: Composition/Information on Ingredients

Mixture

Name	Product Identifier	% Composition
Viable bacterial cultures	(CAS No.) 7732-18-5	>5
Ingredients not precisely identified are nonhazardous & Proprietary. All chemical ingredients appear on the EPA TSCA Inventory. Values are not product specifications. The above ingredients have been added to a non-hazardous liquid organic media as a carrier and microbial stimulant.	n/a	n/a

SECTION 4: First aid measures

Description of first aid measures

First-aid measures after skin contact: Remove contaminated clothing and footwear. Wash with soap and water.

First-aid measures after eye contact: Immediately flush with water for 15 minutes. Seek medical attention if irritation persists.

First-aid measures after ingestion: Call poison control center.

Most important symptoms and effects, both acute and delayed

Skin Contact Symptoms/injuries: Slight redness on hands and forearms if individual has a history of dermal allergic reactions. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact.

Eye Symptoms/injuries: May cause eye irritation.

Ingestion Symptoms/injuries: No effect if ingested in small amounts. A single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop.

General Symptoms/injuries: Organisms used are non-pathogenic but can cause infection when in contact with open wounds and are susceptible to many commonly-used antibiotics.

Indication of any immediate medical attention and special treatment needed: If medical advice is needed, have product container and/or label for reference.

SECTION 5: Fire-fighting measures

Not applicable - Not considered to be a fire hazard

SECTION 6: Accidental release measures

Personal precautions: Minimize exposure in accordance with good hygiene practice. Avoid creating aerosols in poorly ventilated areas.

Protective equipment: Rubber gloves and safety glasses are not required but are recommended.

Environmental precautions: Dispose of in accordance with federal, state, and local regulations.

Methods and materials for containment and cleaning up: Flush spilled materials into sanitary or storm sewers. Use chemical absorbent and sweep up small spills. Contain and collect large spills.

SECTION 7: Handling and Storage

Precautions for safe handling:

Safety glasses not necessary but recommended.

Avoid creating aerosols in poorly ventilated areas.

Rubber gloves not necessary but recommended only to prevent staining of skin.

Conditions for safe storage, including any incompatibilities:

Safe Storage Guidelines:

Minimize exposure in accordance with good hygiene practice.

To maintain shelf life, avoid prolonged exposure to high or low temperatures and humidity. Avoid temperatures above 110 F and keep from freezing.

Keep out of reach of children.

SECTION 8: Exposure Controls/Personal Protection

Incompatibilities: Strong acids or alkali compounds may inactivate bio cultures.

Control parameters: Minimize exposure in accordance with good hygiene practice.

Appropriate engineering controls: Dispose of in accordance with federal, state, and local regulations.

Individual Protection:

Avoid creating aerosols in poorly ventilated areas.

Safety glasses not required but recommended.

Rubber gloves not required but recommended only to prevent staining of skin.

SECTION 9: Physical and Chemical Properties

Appearance	Brown/Black liquid
Odor	Earthy odor
Odor threshold	Not determined
pH	6.5 to 8.0
Relative evaporation rate	Not determined
Melting point	Not applicable
Freezing point	0 C
Initial Boiling point	100 °C
Boiling Range	Not determined
Flash Point	Not applicable
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	Not applicable
Vapor pressure	Equivalent to water
Vapor density	Equivalent to water
Relative density	Equivalent to water

Solubility	99% in water
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not applicable
Decomposition Temperature	140 F
Viscosity	Not determined

SECTION 10: Stability and Reactivity

Reactivity: This is a non-reactive mixture.

Chemical Stability: Stable under normal conditions (see section 7).

Possibility Of Hazardous Reactions: There are no known possibilities of hazardous reactions.

Conditions To Avoid: Avoid prolonged exposure to high or low temperatures and humidity. Avoid temperatures above 110 F and keep from freezing. Avoid creating aerosols in poorly ventilated areas.

Incompatible Materials: Strong acids or alkali compounds may inactivate bio cultures.

Hazardous Decomposition Products: There are no known hazardous decomposition products.

SECTION 11: Toxicology Information

Signs and Symptoms of Skin Contact: Prolonged contact may cause slight irritation. Slight redness on hands and forearms if individual has a history of dermal allergic reactions. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact.

Signs and Symptoms of Ingestion: No effect if ingested in small amounts. May cause sickness. A single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop.

Signs and Symptoms of Eye Contact: This material may cause eye irritation. Organisms used are non-pathogenic but can cause infection when in contact with open wounds and are susceptible to many commonly-used antibiotics.

May cause infection if in contact with open wounds.

Measures of toxicity: Not determined

SECTION 12: Ecological Information

Ecotoxicity: No additional information available

Persistence and degradability: Readily biodegradable in water

Bioaccumulative potential: Not determined

Mobility in soil: Not determined

SECTION 13: Disposal Considerations

For Disposal mix unused product in 7 parts water and pour down a municipal drain or drain field. Maybe disposed of in nature.

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

SECTION 14: Transport Information

In accordance with ICAO/IATA/DOT/TDG

NA number: Not applicable

NA proper shipping name: Not applicable

Transport Hazard Classes: Not applicable

Environmental Hazards: Not applicable

Bulk Transport: Not applicable

SECTION 15: Regulatory Information

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

SECTION 16: Other Information

HMIS Rating:

Health: 1 Irritation or minor reversible injury possible

Flammability: 0 Minimal Hazard - Materials that will not burn

Physical: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.

All information contained in this SDS is believed to be accurate based on the information available at this time. No warranties, expressed or implied, are made.