



# Turf Revival Air & Thatch

Safety Data Sheet

Revision Date: 01/09/2020  
Issue Date: 01/09/2020  
Version 2.0

## SECTION 1: Identification

### Product Identifier

**Product form:** Mixture

**Substance name:** Turf Revival Air & Thatch

**Synonyms:** not applicable

**Recommended Use Of The Product:** Compost accelerant, liquid aerator, and microbial dethatcher that breaks down lawn's thatch.

### Supplier's Details:

Southland Organics  
189 Old Epps Bridge 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

<p>Ingredients not precisely identified are nonhazardous &amp; 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.</p>	n/a	n/a
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## 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 persist.

**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.

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

## SECTION 8: Exposure Controls/Personal Protection

**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

<b>Appearance</b>	Brown/Black liquid
<b>Odor</b>	Earthy odor
<b>Odor threshold</b>	Not determined
<b>pH</b>	6.5 to 8.0
<b>Relative evaporation rate</b>	Not determined
<b>Melting point</b>	Not applicable
<b>Freezing point</b>	0 C
<b>Initial Boiling point</b>	100 °C
<b>Boiling Range</b>	Not determined
<b>Flash Point</b>	Not applicable
<b>Evaporation rate</b>	Not determined
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/lower flammability or explosive limits</b>	Not applicable
<b>Vapor pressure</b>	Equivalent to water
<b>Vapor density</b>	Equivalent to water
<b>Relative density</b>	Equivalent to water
<b>Solubility</b>	99% in water
<b>Partition coefficient: n-octanol/water</b>	Not applicable
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition Temperature</b>	140 F
<b>Viscosity</b>	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.*