

MATERIAL SAFETY DATA SHEET

PRODUCT: Ultimate Compost Tea (Microbial Culture)

INFORMATION

SECTION I

Manufacturer's Name:	Southland Organics
Address:	335 Barnett Shoals Road Athens, GA 30605
Emergency Telephone:	(706) 480-0090
Information Telephone:	(800) 608-3755
Date Prepared:	2/1/00

SECTION II INGREDIENTS/IDENTITY INFORMATION

Hazardous Ingredients:	None
Components:	Viable bacterial cultures-Class One, Bacillus Spores, non-pathogenic-(largely water)(>10%). CAS#7732-18-5. 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.
OSHA PEL:	None
ACGIH TLV:	N/A
Other Limits:	None
%(optional)	N/A

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	100 C	Specific Gravity:	1.04 approx.
Vapor Pressure:	Equivalent to water	Melting Point:	N/A
Vapor Density:	Equivalent to water	Evaporation Rate:	N/D
Solubility in Water:	99%	HIMS:	Health-1
Appearance & Odor:	Brown/Black liquid		Fire-0
	Earthy odor		Reactivity-0
PH:	Range 6.5 – 8.0		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point:	N/A	Flammable Limits:	N/A
LEL:	N/A	UEL:	N/A
Extinguishing Media:	None		
Special Fire Fighting Procedures:	N/D		
Unusual Fire & Explosion Hazards:	N/A		
Fire & Explosion Hazard Summary:	Not considered to be a fire hazard.		

N/A = Not applicable N/D = Not determined

SECTION V REACTIVITY DATA

Stability: (Unstable/Stable)
Conditions to Avoid:
Incompatibility:
(materials to avoid)
Hazardous Decomposition or
Byproducts:
Hazardous Polymerization:
(May occur.Will not occur)

Stable under normal conditions.
Strong acids or alkali compounds may inactivate bio cultures.
Strong acids or alkali compounds.

N/A
Will not occur.

media.

This is a non-toxic, nonpathogenic mixture of bacteria in a liquid

SECTION VI HEALTH HAZARD DATA

Route(s) of Entry:
Inhalation-
Skin-
Ingestion-
Health Hazards:
(Acute & Chronic)
Carcinogenicity:
NTP-
IARC Monographs-
OSHA Regulated-
Signs & Symptoms of Exposure:

Will not occur.
Prolonged contact may cause slight irritation.
May cause sickness.
None Known

N/A
N/A
N/A
N/A

Ingestion: 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.

Eyes: 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.

Skin: 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.

Medical Conditions Generally
Aggravated by Exposure:

May cause infection if in contact with open wounds.

Emergency & First Aid Procedures:

Ingestion: Call poison control center.
Eyes: Immediately flush with water for 15 minutes. Seek medical attention if irritation persist.
Skin: Remove contaminated clothing and footwear. Wash with soap and water.

N/A = Not applicable N/D = Not determined

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:	Flush spilled materials into sanitary or storm sewers. Use chemical absorbent and sweep up small spills. Contain and collect large spills.
Waste and Disposal Method:	Dispose of in accordance with federal, state, and local regulations.
Precautions to be taken in Handling and Storing:	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.
Other Precautions:	Keep out of reach of children.

SECTION VIII CONTROL MEASURES

Respiratory Protection (Specify Type)	None required for recommended use. Avoid creating aerosols in poorly ventilated areas.
Ventilation: Local Exhaust-	Normal
Mechanical-	N/A
<i>general</i>	
Special-	None
Other-	None
Protective Gloves:	Rubber gloves not necessary but recommended.
Eye Protection:	Safety glasses not necessary but recommended.
Other Protective Clothing or Equipment:	As determined.
Work/Hygienic Practices:	Normal

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

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