

# MATERIAL SAFETY DATA SHEET

## PRODUCT: GreenMine (Dry Humate Soil conditioner)

### 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:	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.
Emergency Overview:	Dark brown dry granular material. May cause minor eye irritation.
OSHA PEL:	None
ACGIH TLV:	N/A
Other Limits:	None
%(optional)	N/A
Routes of Exposure:	Ingestion
Carcinogenicity:	NTP, IARC, and OSHA – Not listed.

### SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/A	Specific Gravity:	water = 1.0
Vapor Pressure:	N/A	Melting Point:	N/A
Vapor Density:	N/A	Evaporation Rate:	N/D
Solubility in Water:	soluble	HIMS:	Health-1
Appearance & Odor:	Course Granular Earthy odor		Fire-1 Reactivity-0
PH:	Range 4.5 – 5.0	Percent volatile	~84%
		Percent of solids	50-66%

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point:	N/A	Flammable Limits:	N/A
LEL:	N/A	UEL:	N/A
Extinguishing Media:	Use water, fog, foam or carbon dioxide to extinguish.		
Special Fire Fighting Procedures:	N/D		
Unusual Fire & Explosion Hazards:	N/A		
Fire & Explosion Hazard Summary:	Not considered to be a fire hazard.		

### SECTION V REACTIVITY DATA

Stability: (Unstable/Stable)	Stable under normal conditions.
Conditions to Avoid:	Strong acids or alkali compounds may inactivate bio cultures.
Incompatibility:	Strong acids or alkali compounds.
(materials to avoid)	
Hazardous Decomposition or Byproducts:	N/A
Hazardous Polymerization:	Will not occur.
(May occur.Will not occur)	

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

### SECTION VI HEALTH HAZARD DATA

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

MSDS GreenMine 1 of 2

Route(s) of Entry:	
Inhalation-	Will not occur.
Skin-	Prolonged contact may cause slight irritation.
Ingestion-	May cause sickness.
Health Hazards:	None Known
(Acute & Chronic)	
Carcinogenicity:	N/A
NTP-	N/A
IARC Monographs-	N/A
OSHA Regulated-	N/A
Signs & Symptoms of Exposure:	

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.
-----------------------------------	--

## SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

**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.

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.

## 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
general	
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.**