

# **MATERIAL SAFETY DATA SHEET**

## **PRODUCT: Jump Start Soil Conditioner**

### **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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