

MATERIAL SAFETY DATA SHEET

PRODUCT: HISTOSOL OP-Bio 10V (Microbial Culture) INFORMATION

SECTION I

Manufacturer's Name:	Organic Products Company
Address:	P.O. Box 426 Claxton, GA 30417
Emergency Telephone:	(912) 977-5245
Information Telephone:	(912) 368-2651
Date Prepared:	2/1/00

SECTION II INGREDIENTS/IDENTITY INFORMATION

Hazardous Ingredients: None

Components: Viable bacterial cultures-Class One, 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 Earthy odor		Fire-0 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

HISTOSOL OP-Bio10V (Microbial Culture)

SECTION V REACTIVITY DATA

Stability: (Unstable/Stable)	Stable under normal conditions.
Conditions to Avoid:	Strong acids or alkali compounds may inactivate bio cultures.
Incompatibility: (materials to avoid)	Strong acids or alkali compounds.
Hazardous Decomposition or Byproducts:	N/A
Hazardous Polymerization: (May occur. Will not occur)	Will not occur.
	This is a non-toxic, nonpathogenic mixture of bacteria in a liquid media.

SECTION VI HEALTH HAZARD DATA

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

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

HISTOSOL OP-Bio10V (Microbial Culture)

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. **Store in a well ventilated area.**

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

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.

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