

# MATERIAL SAFETY DATA SHEET



## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Submit Grease and Waste Digester **Issue Date:** 6/6/05 NEW  
**Manufacturer:**  
 Ultimate Solutions, Inc.  
 31 Columbus Avenue  
 Englewood, NJ 07631  
 (888) 564-3204

## SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

Components Exposure Limits *	Wt%	OSHA	PEL	ACGIH	TLV	NIOSH	REL
Water (CAS No. 7732-18-5)	>92.0	None	None	None			
Bacterial spores (CAS No. 1395-21-7)	< 5.0	None	None	None			
Dodecanol ethoxylate (CAS No. 68131-39-5)	< 1.0	None	None	None			
Sodium alpha-olefin sulfonate (CAS No. 69439-57-6)	< 1.0	None	None	None			
Propylene glycol (CAS No. 57-55-6)	< 1.0	None	None	None			

\* -- Asterisked ingredients are those considered hazardous according to the criteria of 29CFR1910.1200.  
 Other ingredients are listed for informational purposes to assist emergency medical response personnel.

## SECTION 3 -- HAZARDS IDENTIFICATION

**HMIS Ratings** Health = 1, Reactivity = 0, Flammability = 0

**EMERGENCY OVERVIEW** CAUTION: Causes slight eye irritation. Avoid contact with eyes, skin, open wounds, or clothing. Wash thoroughly with soap and water after handling.

## SECTION 4 -- FIRST AID MEASURES

**Eye Contact:** IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.  
**Skin Contact:** IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.  
**Inhalation:** IF INHALED: Move to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. Get medical attention.  
**Ingestion:** IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water. Induce vomiting only if advised by a physician.

## SECTION 5 -- FIRE FIGHTING MEASURES

**Flash Point / Method:** Not applicable  
**Flammable Limits:** Not established  
**Extinguishing Media:** Use water, foam, dry chemical, or carbon dioxide.  
**Special Fire Fighting Procedures:** None  
**Fire and Explosion Hazards:** No hazard beyond that of ordinary combustible material.

## SECTION 6 -- ACCIDENTAL RELEASE MEASURES

**Response to Spills:** Small spills: Contain spill. Flush to sanitary sewer. Rinse area thoroughly with water. Large spills: Dike or dam spill. Pump to containers or soak up with inert absorbent. Prevent runoff to creeks and waterways.

## SECTION 7 -- HANDLING AND STORAGE

**Handling Precautions:** Wash after handling. Wash hands before eating. Keep container tightly closed when not in use.  
**Storage Precautions:** Store in a cool, dry place. Keep storage temperature below 120°F. Do not contaminate food, feed, or drinking water. Keep from freezing.

## SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hygienic Practices:** Normal procedures for good hygiene. Avoid eye and skin contact.  
**Engineering Controls:** No special ventilation requirements. Eyewash station is recommended. Occupational settings (defined by 29CFR1910 - Subpart A) require compliance with 29CFR1910 - Subpart I.  
**Respirator** NIOSH approved organic vapor type (not normally required)  
**Goggles/Face Shield** Recommended, as required, to prevent eye contact.  
**Personal Protective Equipment:** Gloves - Recommended, as required, to prevent skin contact (rubber or Neoprene).

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## SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Light, milky green dispersion	<b>Boiling Point</b>	Not established
<b>Odor</b>	Floral	<b>Freezing Point</b>	Not established
<b>pH</b>	8.0 – 10.0	<b>Evaporation Rate (Butyl Acetate=1)</b>	Not established
<b>Specific Gravity (H<sub>2</sub>O=1)</b>	1.002 – 1.006	<b>Vapor Density (Air=1)</b>	Not established
<b>Solubility</b>	Dispersible	<b>Vapor Pressure (mmHg)</b>	Not established
<b>VOC Content (% Wt)</b>	0.0% (0 lbs/gallon)		

## SECTION 10 -- STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	None known
<b>Incompatibility:</b>	Strong acids and strong oxidizing agents.
<b>Hazardous Decomposition:</b>	Combustion may produce carbon monoxide.
<b>Polymerization:</b>	Hazardous polymerization will not occur.
<b>Conditions to Avoid:</b>	Not applicable

## SECTION 11 -- TOXICOLOGICAL INFORMATION

THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910.1000, Subpart Z.

Other Effects: Acute: Nausea, vomiting, or diarrhea may result from ingestion. Bacterial infection may occur through open wounds.

Chronic: Skin irritation may occur among hypersensitive individuals following repeated contact.

## SECTION 12 -- ECOLOGICAL INFORMATION

<b>Biodegradability:</b>	Considered biodegradable
<b>BOD<sub>5</sub> / COD Value:</b>	22500 mg/L / 48500 mg/L

## SECTION 13 -- DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method:</b>	Dispose of in accordance with local, state, and federal regulations.
<b>RCRA Classification:</b>	Non-hazardous

## SECTION 14 -- TRANSPORT INFORMATION

<b>DOT Classification:</b>	Non-hazardous
<b>Exceptions:</b>	
<b>Description:</b>	Not applicable

## SECTION 15 -- REGULATORY INFORMATION

<b>EPA Registered:</b>	X <b>TSCA:</b> Ingredients have been listed.
<b>X SARA 311/312:</b>	Immediate (Acute) Health Hazard
<b>X HACCP:</b>	Formula complies with USDA guidelines for nonprocessing areas and nonfood contact surfaces.

<b>X WHMIS Class:</b>	Not Controlled
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## SECTION 16 -- OTHER INFORMATION

The information provided herein is based on data considered accurate. However, it is furnished WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. It is intended to assist in evaluating the suitability and proper use of the material and in the development of safety precautions and procedures. The user assumes all responsibility for personal injury or property damage caused by the misuse of this product.



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