



MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Grease & Waste Digester	PACK	1 / 5 gal.
PRODUCT CODE	8320707		

EMERGENCY TELEPHONE NUMBERS

ISSUE DATE	02-10-01
------------	----------

Medical Information: (800) 228-5635 x161

Transportation: (800) 424-9300 *

* For spill, leak, fire or transport accident emergencies.

Product Information: (281) 584-1790

MANUFACTURER Sysco Chemical
 STREET ADDRESS 1390 Enclave Parkway
 CITY, STATE, ZIP Houston, Texas 77077

SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT

EXPOSURE LIMITS

* -- (see note below)	CAS No.	% by wt.	OSHA PEL	ACGIH TLV	NIOSH REL
Water	7732-18-5	> 80	None	None	None
Bacterial cultures / spores	(mixture)	< 10	None	None	None
Dodecanol ethoxylate	68131-39-5	< 5	None	None	None
Propylene glycol	57-55-6	< 5	None	None	None

* -- Asterisk ingredients are those considered hazardous according to the criteria of 29CFR 1910.1200.
 Other ingredients are listed for informational purposes to assist emergency medical response personnel.

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Eye irritant. May be harmful if swallowed. May cause skin irritation.
POTENTIAL HEALTH EFFECTS	
INGESTION	Can cause irritation, nausea, or stomach distress. Ingestion may produce a laxative effect.
INHALATION	Minimal hazard in normal use.
EYE CONTACT	Eye irritation and redness can result from direct contact.
SKIN CONTACT	Prolonged contact causes dermatitis.

SECTION 4 -- FIRST AID MEASURES

INGESTION	If swallowed, DO NOT induce vomiting. Immediately drink a large quantity of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
INHALATION	Remove to fresh air. Obtain medical attention if symptoms persist.
EYE CONTACT	Immediately flush eye with cool running water for 15 minutes. If irritation persists or inflammation occurs, get medical attention.
SKIN CONTACT	Wash with soap and water for at least 15 minutes. If irritation develops or persists, get medical attention. Wash contaminated shoes and clothing before reuse.
NOTE TO PHYSICIAN	Treatment based on judgment of the physician in response to reactions of the patient.

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT / METHOD	None	FLAMMABLE LIMITS	Not flammable or combustible
EXTINGUISHING MEDIA	If involved in a fire, water, foam, dry chemical or carbon dioxide.		
SPECIAL FIRE FIGHTING PROCEDURES	None required		
FIRE AND EXPLOSION HAZARDS	None		

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Small spills: Flush to sanitary sewer. Mop up residue and rinse area thoroughly with water. Large spills: Dike or dam spill. Pump to containers or soak up on inert absorbent. Prevent runoff to creeks and waterways.
--------------------	--

SECTION 7 -- HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash after handling; wash hands before eating. Avoid contact with open cuts and sores. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store in a cool, dry place. Keep storage temperature below 120 deg. 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 skin and eye contact. Avoid all contact with open wounds or sores.
ENGINEERING CONTROLS	No special ventilation requirements. Eyewash station is recommended.

PERSONAL PROTECTIVE EQUIPMENT

	RESPIRATOR	
X	GOGGLES / FACE SHIELD	Recommended; goggles should be chemical splash type to prevent eye contact
	APRON	
X	GLOVES	Recommended; rubber or Neoprene gloves acceptable to prevent skin contact
	BOOTS	

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Milky light green liquid	BOILING POINT	~ 212 deg. F.
ODOR	Floral	FREEZING POINT	Similar to water
pH	9.0	VAPOR PRESSURE	Not established
SPECIFIC GRAVITY	1.004	VAPOR DENSITY	Not established
SOLUBILITY IN WATER	Complete (dispersible)	EVAPORATION RATE	Not established

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	Avoid contact with bleach, disinfectants or bactericidal compounds. Avoid extreme heat.					
INCOMPATIBILITY	Strong acids and strong oxidizing agents.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Combustion may produce carbon monoxide.					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID	Not applicable					

SECTION 11 -- TOXICOLOGICAL INFORMATION

CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	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, Z

OTHER EFFECTS

ACUTE	Not determined
CHRONIC	Skin sensitization may occur among hypersensitive individuals following repeated contact

SECTION 12 -- ECOLOGICAL INFORMATION

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	X		NOT BIODEGRADABLE	
BOD / COD VALUE	20000 mg/L / 54000 mg/L					
ECOTOXICITY	No data available					

SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Small amounts of unused product may be flushed safely to the sanitary sewer with plenty of water. Contact local water board before flushing large amounts. If solidified, large amounts may be disposed of in a sanitary landfill. Contact state or local authorities for additional restrictions.								
RCRA CLASSIFICATION	Non-hazardous								
RECYCLE CONTAINER		YES	X		CODE	2 - HDPE		NO	

SECTION 14 -- TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DESCRIPTION	Not regulated					
SYSCO HM CODE	None					

SECTION 15 -- REGULATORY INFORMATION

REGULATORY STATUS

EPA REGISTERED (UNDER FIFRA)	
FDA REGULATED	
KOSHER	
SARA TITLE III MATERIAL	
USDA AUTHORIZED	
CANADA WHMIS	

SECTION 16 -- OTHER INFORMATION

NFPA CLASSIFICATION

1	BLUE	HEALTH HAZARD
1	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
--	WHITE	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Sysco in connection with the use of this information.