

item # 11095



MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	ENZO-CLEAN, ENZYME DRAIN MAINTAINER				
PRODUCT CODE	1095	ISSUE DATE	11-17-06	SUPERSEDES	01-29-01

MANUFACTURER	Spurrier Chemical Companies, Inc.	EMERGENCY TELEPHONE NUMBERS
ADDRESS	P.O. BOX 2812	Medical Information: (800) 228-5635 x 103
CITY, STATE, ZIP	Wichita, KS 67201	Transportation and Product Information: (800) 424-9300

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	NIOSH REL
NO HAZARDOUS INGREDIENTS					

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Neutral cleaning compound. Mildly irritating to eyes, and to skin on prolonged exposure. May be harmful if swallowed.
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POTENTIAL HEALTH EFFECTS	
INGESTION	May be mildly to moderately irritating to tissues of mouth and gastrointestinal tract.
INHALATION	No harmful effects expected.
EYE CONTACT	May cause mild, transient irritation if exposed to eyes.
SKIN CONTACT	No harmful effects expected, although possibly irritating to skin of sensitive persons.

SECTION 4 - FIRST AID MEASURES

INGESTION	DO NOT INDUCE VOMITING. Rinse mouth with water, then drink a large quantity of water or milk. Consult a physician. Never give anything by mouth to an unconscious person.
INHALATION	Remove to fresh air. Provide oxygen if breathing is difficult. Consult a physician if symptoms persist.
EYE CONTACT	Remove any contact lenses. Immediately flush eyes with plenty of cool, running water. Continue flushing for fifteen minutes. Consult a physician if irritation persists.
SKIN CONTACT	Flush with water. Consult a physician if irritation develops or persists. Remove and wash affected clothing before reuse.
NOTE TO PHYSICIAN	N/A

SECTION 5 - FIRE FIGHTING MEASURES

FLASHPOINT/METHOD	None to boiling.	FLAMMABLE LIMITS	N/A
EXTINGUISHING MEDIA	Non-combustible. Use media relevant to primary cause of fire - CO ₂ , water or dry chemical.		
SPECIAL FIRE FIGHTING PROCEDURES	None required.		
FIRE AND EXPLOSION HAZARDS	None.		

SECTION 6 - ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Small spills: Flush to drain or sewer with plenty of water. Mop area and rinse with water. Large spills: Dike or dam and pump to container, or contain on an inert absorbant. Sweep up and dispose of as dry waste in a suitable landfill, or as permitted by local regulations.
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SECTION 7 - HANDLING AND STORAGE

HANDLING PRECAUTIONS	Avoid contact with eyes and clothing. Wash hands after using
STORAGE PRECAUTIONS	Store in a cool location (temperature 40-120F), away from strong oxidizing and reducing agents. Avoid freezing.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

HYGIENIC PRACTICES	Avoid contact with eyes and skin. Wash hands after using
ENGINEERING CONTROLS	No special equipment required.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATOR	
X GOGGLES/FACE SHIELD	Optional
APRON	
X GLOVES	Optional
BOOTS	

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	A white, opaque, low-foaming liquid.	BOILING POINT	210 F
ODOR	Mild floral.	FREEZING POINT	30 F
pH	9.5-10.0	VAPOR PRESSURE	N/A
SPECIFIC GRAVITY	1.01	VAPOR DENSITY	N/A
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	As for water.

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X	UNSTABLE	
CONDITIONS TO AVOID	No special precautions beyond standard safe industrial practices.				
INCOMPATIBILITY	Avoid contact with oxidizing or reducing materials.				
HAZARDOUS PRODUCTS OF DECOMPOSITION	Carbon monoxide and carbon dioxide, if heated to dryness and ignited.				
POLYMERIZATION		WILL NOT OCCUR	X	MAY OCCUR	
CONDITIONS TO AVOID	N/A				

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	Minor irritant effects, as described in Section 3.
CHRONIC	None known.

SECTION 12 - ECOLOGICAL INFORMATION

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	X	NOT BIODEGRADABLE	
BOD/COD VALUE	Unknown				
ECOTOXICITY	Unknown				

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Spent use solutions may be flushed to drain or sewer with water. For large quantities of waste product, collect on an absorbent material and dispose of as dry waste in a suitable landfill, or as otherwise permitted by local regulations.				
RCRA CLASSIFICATION	Unknown				
RECYCLE CONTAINER	YES	X	CODE	2 - HDPE	NO

SECTION 14 - TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS		NOT HAZARDOUS	X
DESCRIPTION	N/A				

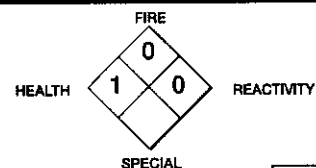
SECTION 15 - REGULATORY INFORMATION**REGULATORY STATUS**

EPA REGISTERED (UNDER FIFRA)		FDA REGULATED	
X KOSHER		SARA TITLE III MATERIAL	
X USDA AUTHORIZED	L2. Enzymatic compounds for use in sewage and/or drain lines.		

SECTION 16 - OTHER INFORMATION**NFPA CLASSIFICATION**

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

4-EXTREME
3-HIGH
2-MODERATE
1-SLIGHT
0-INSIGNIFICANT



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