

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION

Distributor	MKG Sales Associates, Inc.	Emergency Phone	(609) 953-4700
Address	130 Miller Road - Medford Industrial Park Medford, NJ 08055		
Trade Name	ENZ O BAC LIQUID ENZYMES	Product Type	Enzymatic Foul Odor Digester

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optiona)	TLV(Source)
Viable Bacterial Cultures	N/A		N/A
Nonylphenolpolyethoxyethanol	9016-45-9		Not Established
NOTE: Organisms used are non-pathogenic, but can			
when in contact with open wounds. These organisms			
to many commonly used antibiotics.			

Other ingredients in this product are : ☒ Less than 1% by weight or less than 0.1% for carcinogens ☒ Not hazardous ☒ Declared to be Trade Secret

SECTION 3 - PHYSICAL DATA

Boiling point(°F.)	Near 212	Specific Gravity(H2O=1.0) (± 0.005)	1.000	pH(CONC) 7.0	pH(1:20) 12.0 to 12.3
Vapor Pressure(mm Hg)	Unknown		Vapor Density(Air=1)	Unknown	
Solubility in water	☒ Complete	☐ Insoluble	☐ Emulsifiable (or Dispersible)	☐ Slight (or Partial)	
Evaporation Rate(vs. H2O)	☐ Faster		☐ Slower	☒ About the Same	
Appearance and Odor	White opaque liquid, pleasant odor.				

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point(T.C.C.)	°F.	☒ None to Boiling	Flammable Limits	Upper	Unknown	Lower	Unknown
Extinguishing Media	CO2, dry chemical, foam, water spray.						
Special Firefighting Procedures	Do not enter confined fire-spaces without protective clothing and self-contained air supply.						
Unusual Fire and Explosion Hazards	None known.						

SECTION 5 - REACTIVITY DATA

Stability	Stable	Incompatibility	Strong oxidizers
Hazardous Decomposition Products	Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.		

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure	☒ Eye	☒ Skin	☐ Oral	☐ Inhalation	☐ Other
Signs and Symptoms of Overexposure (Acute)	See NOTE under Section 2, above. Eye contact: Dust or mist could infect eyes.				
Signs and Symptoms of Overexposure(Chronic)	None known				
Medical Conditions Aggravated by Overexposure	None known		Carcinogen/Suspect Carcinogen Ingredients	☐ NTP	☐ OSHA
				☐ IARC	☒ NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush immediately with water for at least 15 minutes. Call a physician.
Skin	Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse.
Ingestion	Drink large quantities of milk or water. Call a physician.
Inhalation	Remove exposed person to fresh air. Treat symptomatically.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not needed under normal conditions of use.		
Ventilation Requirements	☐ Local Exhaust	☒ Mechanical	☐ Other
Protective Gloves	rubber	Eye Protection	Safety glasses/goggles
Other Protective Clothing	Not required for normal use		

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled	Where possible, flush down drain to waste treatment sewer: otherwise on small spills, use chemical adsorbent and sweep up - large spills, confine and collect.
Waste Disposal Methods	Dispose of in accordance with applicable Federal, State and Local ordinances.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage	Wash hands thoroughly with soap and water after use. Avoid contact with eyes. To maintain product activity, keep container closed. Avoid prolonged exposure to temperatures above 115°F. and keep from freezing.
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The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form(as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product, if diluted, under conditions of ordinary use.

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DATE PREPARED August 4, 2005