

# MATERIAL SAFETY DATA SHEET

## SECTION I PRODUCT IDENTIFICATION

MANUFACTURER: SUPPLIER  
MULTI-BLEND LTD  
2720 SLOUGH ST.  
MISSISSAUGA  
ONTARIO, L4T 1G3  
EMERGENCY- CANUTEC: 613-996-6666

PRODUCT NAME: MULTI-ZYME  
CHEMICAL NAME: NA  
CHEMICAL FAMILY: BACTERIAL CULTURES  
PRODUCT USE: DRAIN CONTROL

## SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- INGREDIENTS	APPROX- CONC.	CAS NO.	LD(50) (RAT ORAL)	LC(50)
VIABLE BACTERIAL CULTURES	ND	NA	ND	ND

## SECTION III PHYSICAL DATA

PHYSICAL STATE: LIQUID  
ODOR AND APPEARANCE: SPICE ODOUR, MILKY WHITE  
ODOR THRESHOLD: NE  
SPECIFIC GRAVITY: 1.01  
VAPOUR PRESSURE: NA  
VAPOUR DENSITY (AIR=1): NA  
EVAPORATION RATE: NE  
SOLUBILITY IN WATER: MODERATE  
BOILING POINT: 100°C  
PH: 7.8-8.00  
COEFF. WATER/OIL DISTR: NE

## SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY: NON-FLAMMABLE  
EXTINGUISHING MEDIA: NA  
HAZARDOUS COMBUSTION PRODUCTS: NONE KNOWN  
SPECIAL PROCEDURES: NA  
FLASH POINT (DEG. C): NONE  
HAZARDOUS COMBUSTION PRODUCTS: NONE KNOWN  
UPPER FLAMMABLE LIMIT: NA  
LOWER FLAMMABLE LIMIT: NA  
AUTO IGNITION TEMP: NA  
EXPLOSION DATA: NA  
SENSITIVITY TO STATIC CHARGE: NA

## SECTION V REACTIVITY DATA

CHEMICAL STABILITY: STABLE  
CONDITIONS TO AVOID: NONE  
INCOMPATIBLE SUBSTANCES: STRONG ACIDS OR ALKALIS MAY  
INACTIVATE SOME BACTERIAL CULTURES  
HAZARDOUS DECOMPOSITION: NONE KNOWN  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## SECTION VI TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY  
SKIN CONTACT: YES  
SKIN ABSORPTION: YES  
EYE CONTACT: YES  
INHALATION: YES  
INGESTION: YES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL: THIS MATERIAL  
MAY CAUSE EYE OR SKIN IRRITATION. ORGANISMS USED ARE  
NON PATHOGENIC, BUT CAN CAUSE INFECTION WHEN IN  
CONTACT WITH OPEN WOUNDS. THESE ORGANISMS ARE  
SUSCEPTIBLE TO COMMONLY USED ANTIBIOTICS.

EFFECTS OF CHRONIC EXPOSURE: NONE KNOWN.  
LIMITED TOXICITY DATA ARE AVAILABLE ON THIS SPECIFIC

PRODUCT. THIS HEALTH HAZARD ASSESSMENT IS BASED ON  
THE RESULTS OF SCREENING TESTS.

EXPOSURE LIMITS: NE  
IRRITANCY OF MATERIAL: SLIGHT  
SENSITIZATION TO MATERIAL: NONE KNOWN  
CARCINOGENICITY: NONE KNOWN  
REPRODUCTIVE TOXICITY: NONE KNOWN  
TERATOGENICITY: NONE KNOWN  
MUTAGENICITY: NONE KNOWN  
SYNERGISTIC PRODUCTS: NONE KNOWN

## SECTION VII PREVENTIVE MEASURES

HAND PROTECTION: RUBBER OR VINYL GLOVES  
EYE PROTECTION: SAFETY GLASSES DEPENDING ON SEVERITY  
OF EXPOSURE  
RESPIRATORY PROTECTION: LOCAL EXHAUST ADEQUATE. USE  
NIOSH APPROVED RESPIRATOR IF MISTING PRODUCT  
FOOT WEAR: RUBBER BOOTS IF CONTACT POSSIBLE  
CLOTHING: AVOID SKIN CONTACT. LONG SLEEVE CLOTHING.  
ENGINEERING CONTROLS: LOCAL EXHAUST ADEQUATE.  
MECHANICAL VENTILATION IF IN CONFINED AREAS

## LEAK AND SPILL PROCEDURE:

SMALL SPILLS: FLUSH WITH LARGE AMOUNTS OF WATER.  
LARGE SPILLS: COLLECT WITH ABSORBENT AND PLACE IN  
CONTAINERS FOR DISPOSAL  
WASTE DISPOSAL: REVIEW LOCAL GOVERNMENT  
REGULATIONS AND DISPOSE THROUGH A LICENSED FACILITY  
HANDLING PROCEDURES AND EQUIPMENT: AVOID EYE AND  
SKIN CONTACT  
STORAGE REQUIREMENTS: STORE IN A COOL DRY AREA. KEEP  
FROM FREEZING

## SECTION VIII FIRST AID MEASURES

PROCEDURES:  
SKIN: REMOVE CONTAMINATED CLOTHING. WASH AND FLUSH  
GENEROUSLY WITH SOAP AND WATER. IF IRRITATION PERSISTS  
SEEK MEDICAL ATTENTION  
EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST  
15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION  
PERSISTS  
INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH WITH  
WATER. DRINK LARGE AMOUNTS OF MILK OR WATER. SEEK  
MEDICAL ATTENTION IMMEDIATELY.

## ADDITIONAL INFORMATION

WHMIS CLASSIFICATION: CLASS D DIVISION 2 B  
TDG CLASSIFICATION: NONE PIN: NONE  
PACKING GROUP: NA  
HAZARD RATING:  
HEALTH: 1 FIRE: 0 REACTIVITY: 0 SPECIAL: NONE

HAZARD RATING SCALE: 0=MINIMAL, 1=SLIGHT, 2=MODERATE,  
3=SERIOUS, 4=SEVERE.

NA=NOT APPLICABLE, ND=NO DATA AVAILABLE, NE=NOT  
ESTABLISHED, NR=NOT REGULATED.

PREPARED BY: LAB GROUP DATE: August 1, 2008  
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