

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION

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

PRODUCT NAME: **BIO ZYME**
CHEMICAL NAME: NA
CHEMICAL FAMILY: NA
PRODUCT USE: DEGREASING AND WASTE/ODOUR CONTROL

SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- APPROX- CAS NO. LD(50) LC(50)
INGREDIENTS CONC. (RAT ORAL)
NO HAZARDOUS INGREDIENTS

SECTION III PHYSICAL DATA

PHYSICAL STATE.....LIQUID
ODOR AND APPEARANCE.....GREEN APPLE OR LEMON
ODOUR. CLEAR LIQUID
ODOR THRESHOLD.....N/E
SPECIFIC GRAVITY.....1.01
VAPOUR PRESSURE.....N/A
VAPOUR DENSITY(AIR=1).....N/A
EVAPORATION RATE.....N/E
SOLUBILITY IN WATER.....MODERATE
BOILING POINT.....100°C
PH.....7.8-8.00
COEFF. WATER/OIL DISTR.....N/E

SECTION IV FIRE AND EXPLOSION DATA

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

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.....N/E
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

TEL: 905-678-9559

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