

# 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: Dec 15, 2010

TEL: 905-678-9559

DISCLAIMER: THE INFORMATION CONTAINED HEREIN IS COMPILED FROM SOURCES BELIEVED TO BE RELIABLE. THE MANNER AND CONDITIONS OF USE AND HANDLING MAY, INVOLVE OTHER AND ADDITIONAL CONSIDERATIONS. WE ACCEPT NO RESPONSIBILITY FOR THE ACCURACY, SUFFICIENCY, RELIABILITY OR FOR ANY LOSS OR INJURY RESULTING FROM THE USE OF THE INFORMATION.