

Kasco, Inc.

MATERIAL SAFETY DATA SHEET

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SECTION 1 PRODUCT INFORMATION

BRAND NAME: **DATE WRITTEN: 5/18/07**
PRODUCT NAME: MACRO-ZYME JUST FLUSH
CHEMICAL NAME: MIXTURE CONTAINING BACILLUS sp. BACTERIA
CAS NUMBER: NONE - MIXTURE
NFPA (704) RATING: HEALTH 1 FLAMMABILITY 0 REACTIVITY 0 SPECIAL 0
This product contains species of bacteria listed on the Environment Canada DSL list as:
16970-5 Bacillus species/Espèce bacillus

SECTION II HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS:		OTHER LIMITS		
NAME	CAS NUMBER	OSHA PEL	ACGIH TLV	OTHER % (OPTIONAL)
(NONE)				

SECTION III PHYSICAL/CHEMICAL CHARACTERISTIC

BULK DENSITY: 33.2 lbs/fts.
SOLUBILITY IN WATER: WILL DISPERSE
VAPOR DENSITY: N/A

BOILING POINT: N/A
FREEZE POINT: N/A
BIODEGRADABILITY: 70 %

EVAPORATION RATE: N/A
APPEARANCE AND ODOR: TAN GRAINY POWDER, YEAST LIKE ODOR.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NOT FLAMMABLE
FLAMMABLE LIMITS: NEGLIGIBLE FIRE HAZARD
EXTINGUISHING MEDIA: ALL STANDARD FIRE FIGHTING MEDIA.
SPECIAL FIRE FIGHTING PROCEDURES: NONE KNOWN
UNUSUAL FIRE AND EXPLOSION HAZARD: NONE KNOWN

SECTION V REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID: EXTREME HEAT
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS OR STRONG BASES.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE KNOWN

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NONE KNOWN

PRODUCT NAME: MACRO-ZYME

SECTION VI HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? NO SKIN? YES INGESTION? YES EYES? YES

HEALTH HAZARDS (ACUTE AND CHRONIC): NONE KNOWN.

CARCINOGENICITY: NTP? N/A IARC MONOGRAPHS? N/A OSHA REGULATED? N/A
SIGNS AND SYMPTOMS OF EXPOSURE: INGESTION: MAY CAUSE GASTRIC DISTRESS AND DIARRHEA
SKIN: MAY CAUSE IRRITATION FOLLOWING PROLONGED SKIN CONTACT.
EYES: WILL CAUSE IRRITATION UPON DIRECT CONTACT.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: ALLERGIES.

EMERGENCY AND FIRST AID PROCEDURES:

WASH SKIN WITH SOAP AND WATER, REMOVE CONTAMINATED CLOTHING AND WASH.
FLUSH EYES WITH WATER FOR 15 MINUTES.
IF SWALLOWED, DRINK 6 OZ OF MILK TO AID DIGESTION. DO NOT GIVE FLUIDS IF VICTIM IS UNCONSCIOUS OR HAVING CONVULSIONS.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SWEEP UP SPILL. PUT IN CONTAINER.. DISPOSE OF MATERIAL PER LOCAL, STATE, AND FEDERAL REGULATIONS. SMALL QUANTITIES MAY BE FLUSHED TO SANITARY SEWER.

WASTE DISPOSAL METHOD: SMALL QUANTITIES AND LARGE QUANTITIES SWEEP UP AND PUT IN CONTAINER, DISPOSE IN LOCAL LAND FILL PER LOCAL, STATE, AND FEDERAL REGULATIONS. PRESENTS NO HEALTH OR ENVIRONMENTAL HAZARD.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN DRY PLACE..

OTHER PRECAUTIONS: NONE KNOWN

SECTION VIII CONTROL MEASURES

RESPIRATORY PRECAUTION (SPECIFY TYPE): NONE KNOWN

VENTILATION: LOCAL EXHAUST: NOT REQUIRED SPECIAL: NONE KNOWN
MECHANICAL: NOT REQUIRED SPECIAL: NONE KNOWN

PROTECTIVE GLOVES: NOT REQUIRED

EYE PROTECTION: NOT REQUIRED

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE KNOWN

WORK/HYGIENIC PRACTICES: WASH HANDS WITH SOAP AND WATER AFTER USE

ENVIRONMENTAL EVALUATION

EPA SUPERFUND (SARA TITLE III) - HAZARD CLASSIFICATION & ASSOCIATED INFORMATION: NOT HAZARDOUS

EPA CERCLA/SUPERFUND, 40 CFR 302 (REPORTABLE SPILL QUANTITY): NOT LISTED

EPA SARA TITLE III, CFI 355 (EXTREMELY HAZARDOUS SUBSTANCES): NOT LISTED

EPA SARA TITLE III, 40 CR. 372 (LIST OF TOXIC CHEMICALS) ; NOT LISTED

CHEMICALS LISTED ON FOLLOWING CHEMICAL INVENTORIES:

TOSCO: NOT LISTED

EPA - RCA (HAZARDOUS WASTE), 40 CFI 261: NOT LISTED

CALIFORNIA PROPOSITION 65: N/A

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