

MATERIAL SAFETY DATA SHEET

CHEMCO INDUSTRIES, INC.
5731 Manchester Ave., St. Louis, MO 63110



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GENERAL INFORMATION # : 314-647-1888
EMERGENCY TELEPHONE # : (800) 854-4236

I-PRODUCT IDENTIFICATION

BIO ZYME

PRODUCT CODE: 023D, O23E

CHEMICAL FORMULATION: NON-PATHOGENIC BACTERIAL CLEANER & DEODORIZER

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

HAZARD RATING: 4- Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% optional
BACTERIA CULTURE (NONPATHAGENTIC BACTERIA - 9.25 BILLION/GALLON)				
WATER				

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (°f): 210	MELTING POINT: N/A
VAPOR PRESSURE (mm Hg): 18	SPECIFIC GRAVITY (WATER = 1): 1.017
VAPOR DENSITY (AIR = 1): N/A	VOC CONTENT (% by weight): N/A
SOLUBILITY IN WATER: 100%	EVAPORATION RATE (Butyl Acetate = 1): 1
APPEARANCE AND ODOR: NON-VISC, EMULSION	pH: N/A
CENTRONELLA PERFUME	

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): NON FLAMMABLE (TEST METHOD):
FLAMMABLE LIMITS IN AIR (VOLUME %): N/A UPPER: N/A LOWER: N/A

EXTINGUISHING MEDIA: NONE REQUIRED

SPECIAL FIRE FIGHTING PROCEDURES: NONE REQUIRED

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE

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PRODUCT CODE: 023D, 023E

V - REACTIVITY DATA

STABILITY:	STABLE
INCOMPATIBILITY:	DO NOT MIX PRODUCT WITH GERMICIDALS OR BLEACHES.
CONDITIONS TO AVOID:	N/A
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	N/A
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
CONDITIONS TO AVOID:	N/A

VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY INHALATION: N/A SKIN CONTACT: EYE CONTACT: INGESTION:
CARCINOGENICITY: NTP? IARC MONOGRAPHS? OSHA REGULATED?

EFFECTS OF OVEREXPOSURE

IF IN EYES: IRRITATION OF EYES IF SPLASHED
IF ON SKIN: MAY CAUSE SKIN IRRITATION IF SKIN IS BROKEN
IF SWALLOWED: INGESTION WILL RESULT IN GASTROINTESTINAL IRRITATION
IF INHALED: NO ADVERSE EFFECTS FROM INHALATION

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: FLUSH WITH CLEAR WATER, SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
IF ON SKIN: FLUSH WITH CLEAR WATER, SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
IF SWALLOWED: DO NOT INDUCE VOMITING, DRINK LARGE VOLUMES OF CLEAR WATER AND CONTACT PHYSICIAN.

IF INHALED: N/A

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: FLUSH ALL SURFACES WITH CLEAR WATER.

WASTE DISPOSAL METHOD: FLUSH ALL WASTE PRODUCT TO SEWER.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: Local Exhaust: ADEQUATE
Mechanical (General): ADEQUATE Special: N/A Other: N/A
RESPIRATORY PROTECTION: NONE REQUIRED
PROTECTIVE GLOVES: RUBBER TO PROTECT SKIN BREAKS
EYE PROTECTION: GOGGLES IF DESIRED
OTHER PROTECTIVE EQUIPMENT: NONE REQUIRED
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP PRODUCT OUT OF REACH OF CHILDREN.
DO NOT STORE NEAR HEAT OR OPEN FLAME. KEEP CONTAINER SEALED WHEN NOT IN USE TO PREVENT CONTAMINATION.
OTHER PRECAUTIONS: PROTECT PRODUCT FROM FREEZING. DISPOSE OF EMPTY CONTAINER IN AN AUTHORIZED LANDFILL SITE.
WORK/ HYGIENIC:

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Prepared By:

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