

Safety Data Sheet

SECTION I - IDENTIFICATION

PRODUCT NAME: Bacti-Zyme Mint
PRODUCT CODE: 296000013-32QT
PRODUCT USE: Bio-Enzymatic treatment for organic waste
COMPANY NAME: Empire Industries
COMPANY ADDRESS: P.O. Box 1404, Brentwood, TN 37024
COMPANY PHONE: 615-969-8106
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Does not present a hazard according to OSHA (29CFR 1910.1200)
HAZARD STATEMENT(S): N/A
This product contains the following percentage of chemicals of unknown toxicity: 8%
PRECAUTIONARY STATEMENTS: N/A
SYMBOL: N/A
HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Does not contain any hazardous ingredients at or above reportable levels as defined by OSHA (29CFR 1910.1200)	N/A	N/A

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation develops.
INGESTION: Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt, 2-4 glasses) of water, milk, or yogurt. Seek immediate medical attention.
INHALATION: Move to fresh air.
SKIN: Immediately wash with soap and warm water for 15 minutes.
ACUTE HEALTH HAZARDS: None Known
CHRONIC HEALTH HAZARDS: None
NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use appropriate media for surrounding fire.
UNSUITABLE EXTINGUISHING MEDIA: N/A
SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A
HAZARDOUS COMBUSTION PRODUCTS: N/A

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.
SPILL: Mop or soak up with appropriate absorbent material. Remove out of doors. Flush with water.
WASTE DISPOSAL: Dispose in accordance with local, state and federal laws. Non-hazardous
RCRA STATUS: Non-hazardous

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area. Keep away from temperatures below freezing.

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OTHER PRECAUTIONS: Keep out of reach of children. Do not take internally. Avoid getting in eyes or open wounds. Keep out of sun-light. Avoid exposure to extremely hot or boiling water, disinfectants or chlorinated compounds.

INCOMPATIBILITY: Strong acids & bases; material that react with unsaturated hydrocarbons.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Does not contain any hazardous ingredients at or above reportable levels as defined by OSHA (29CFR 1910.1200)	N/A	N/A

ENGINEERING CONTROLS / VENTILATION: Not required

RESPIRATORY PROTECTION: Not required with adequate ventilation

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses

ADDITIONAL MEASURES: Wash hands and clothing in contact with product after use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Green Liquid

ODOR: Mint-Winter Green scent

ODOR THRESHOLD: N/D

BOILING POINT: > 212°F (100°C)

FREEZING POINT: 32°F

FLAMMABILITY: Not considered a flammable liquid by OSHA (29CFR 1910.1200)

FLASH POINT: N/D

AUTOIGNITION TEMPERATURE: N/D

LOWER FLAMMABILITY LIMIT: 1

UPPER FLAMMABILITY LIMIT: N/D

VAPOR PRESSURE (mm Hg): 23.8 @ 77°F (25°C)

VAPOR DENSITY (AIR=1): 1

EVAPORATION RATE: < 1

SPECIFIC GRAVITY (H2O=1): 1.01 @ 77° F (25° C)

pH: 8.75

SOLIDS (%): N/D

SOLUBILITY IN WATER: 100%

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

VOLATILITY INCLUDING WATER (%): > 80%

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

DIELECTRIC STRENGTH (Volts): N/A

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: None Known

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Do not mix with strong acids.

INCOMPATIBILITY: Strong acids & bases; material that react with unsaturated hydrocarbons.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon

POSSIBLE HAZARDOUS REACTIONS: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not Established

ROUTES OF ENTRY: Eyes, Ingestion, Skin

EYES: Mild if any irritation

INGESTION: May cause gastrointestinal irritation.

INHALATION: Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract.

SKIN: Mild if any irritation

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MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

ACUTE HEALTH HAZARDS: None Known

CHRONIC HEALTH HAZARDS: None

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Established

BIODEGRADABILITY: This product is biodegradable.

BIOACCUMULATION: This product is not expected to bioaccumulate.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose in accordance with local, state and federal laws. Non-hazardous

RCRA STATUS: Non-hazardous

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Cleaning Compound, N.O.S.

HAZARD CLASS/DIVISION: None

UN/NA NUMBER: N/A

PACKAGING GROUP: None

AIR SHIPMENT

PROPER SHIPPING NAME: Cleaning Compound, N.O.S.

HAZARD CLASS/DIVISION: None

UN/NA NUMBER: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Cleaning Compound, N.O.S.

HAZARD CLASS/DIVISION: None

UN/NA NUMBER: N/A

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 311/312 HAZARD CATEGORIES: None

SARA 313 REPORTABLE INGREDIENTS: None

CLEAN WATER ACT: None

STATE REGULATIONS: California Proposition 65: None

INTERNATIONAL REGULATIONS: All components are listed or exempted.

NFPA HEALTH: 0

HMIS HEALTH: 0

NFPA FLAMMABILITY: 0

HMIS FLAMMABILITY: 0

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: None

HMIS PROTECTION: A

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Jonathon Jarvis

DATE PREPARED: 10/25/2013

REVISION DATE: 10/22/2014

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N/A = Not Applicable; N/D = Not Determined

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