

# Safety Data Sheet

## SECTION I - IDENTIFICATION

**PRODUCT NAME:** Bacti-Zyme Cherry  
**PRODUCT CODE:** 286000002-32QT  
**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: 9%  
**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:** Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.  
**INGESTION:** Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.  
**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 known  
**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

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## SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Store in a cool, dry area. Do not use or store near excessive heat or near open flame. Keep container tightly sealed when not in use.

**OTHER PRECAUTIONS:** Keep out of reach of children. Do not ingest. If swallowed, do not induce vomiting. If symptoms persist, see a physician. Avoid eye contact. Avoid contact with open wounds.

**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:** Milky White liquid

**ODOR:** Cherry 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:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**VAPOR PRESSURE (mm Hg):** 17.5 @ 77°F (25°C)

**VAPOR DENSITY (AIR=1):** > 2

**EVAPORATION RATE:** < 1

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.01 @ 77° F (25° C)

**pH:** 7.5

**SOLIDS (%):** N/D

**SOLUBILITY IN WATER:** 100%

**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D

**VOLATILITY INCLUDING WATER (%):** 100%

**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:** None known

**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

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**ROUTES OF ENTRY:** Eyes, Ingestion, Skin

**EYES:** Mild if any irritation

**INGESTION:** May cause gastrointestinal irritation.

**INHALATION:** Mists from this product may irritate nasal passages.

**SKIN:** Avoid contact with open wounds. For hypersensitive persons, may irritate the skin after prolonged periods of contact.

**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 known

**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:** N/A

**HMIS PROTECTION:** A

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## SECTION XVI - ADDITIONAL INFORMATION

**PREPARATION BY:** Jonathon Jarvis

**DATE PREPARED:** 09/10/2013

**REVISION DATE:** 10/22/2014

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

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