

MATERIAL SAFETY DATA SHEET

ET's BIO-STIM-ZYME

Section 1 - Chemical Product & Company Identification

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| Trade Name: | ET'S Bio-Stim-Zyme | FEB. 2010 |
| Synonyms: | Bacterial Product Mixture | |
| Product Description: | A concentrated bio-based organic additive | |
| Manufacturer's Name: | Enviro-Tech of America, Inc | |
| Address: | 1907 SW 47th Street, Cape Coral, FL 33914 | |
| For Technical Support: | 239-997-6300 | |

Section 2 - Composition / Information on Ingredients

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| Components not listed are either non hazardous or in concentration of less than 1% | | | |
| Water | CAS 7732-18-5 | Concentrated Bacterial Cultures | CAS N/A |
| Surfactant | CAS N/A | | |

Section 3 - Physical and Chemical Properties

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| Solubility in water: | Soluble. |
| Appearance and Odor: | Brown liquid with a slight marine odor |
| Relative Density: | 0.6 to 0.8 |
| pH: | 3.5 - 4.95 |
| Flammability: | Not flammable under normal conditions of storage + handling |
| Boiling Point | Similar to water |
| Freezing Point: | Similar to water |
| Vapor Density: | Similar to water |

Section 4 - Fire Fighting Measures

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| Suitable Extinguishers: | Water fog or fine spray, carbon dioxide, dry chemical or foam |
| Hazardous Combustion Products: | None in normal use. |
| Special Equipment for Fire Fighting: | Self contained breathing apparatus |

Section 5 - Accidental Release Measures

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| Environmental Precautions: | The bacteria and carriers should not pose risk |
| Clean Up Procedures: | Vacuum or sweep up avoiding generation of dust. Place in suitable labelled containers and hold for waste disposal. Wash spill site with water. If bacterial contamination is an issue use chlorine to kill the bacillus spores. |

Section 6 - Stability & Reactivity

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| Stability: | Stable under normal storage and handling conditions. |
| Conditions to avoid: | Accumulations of product in enclosed spaces and generation of mist. Avoid contact w/ oxidising chemicals |
| Materials to avoid: | Acids and Alkalies may inactivate the bacterial cultures Avoid contact with strong oxidizing and reducing agents |
| Hazardous decomposition products: | oxides of carbon and sulphur |

Section 7 - Handling & Storage

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| Handling: | Ventilation: | Good general ventilation |
| Recommended procedures & equipment: | Avoid creating mist | |
| Storage: Temperature Range: | 0 deg C to 40 deg C for product viability only | |
| Suitable Storage Media: | Original container with closed lid | |
| Precautions against static discharge: | Recommended | |

Section 8 - Health Hazard Information

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| Immediate Treatment / Antidote: | Symptomatic treatment |
| Delayed Effects: | Bacterial Infection |
| Symptoms: | |
| Eye Contact: | Irritation |
| Skin Contact: | Redness and irritation |
| Ingestion: | Irritation of gastrointestinal tract, nausea, and diarrhea |
| Inhalation: | May cause irritation |
| Treatment: | |
| Eye Contact: | Irrigate thoroughly with water for at least 10 min. Obtain medical attention |
| Skin Contact: | Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention |
| Ingestion: | Wash out mouth with water. Do not induce vomiting. If patient is conscious give water to drink. If patient feels unwell seek medical attention |
| Inhalation: | Remove from exposure, rest and keep warm. In severe cases seek medical attention |

Section 9 - Disposal Considerations

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| Substance: Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations. |
| Container: as substance |

Section 10 - Exposure Controls / Personal Protection

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| Personal Protective Equipment: | |
| Respiratory: | Mask |
| Hand: | Wash hands after use. Gloves recommended |
| Eye: | Safety glasses or goggles recommended |
| Skin: | Wash after exposure. Overalls and boots recommended |
| Environmental controls: | Users should be aware of environmental considerations and their duties under the environmental protection act |
| Hygiene measures: | Always wash thoroughly after handling chemicals |

Section 11 - Toxicological and Ecological Information

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| Toxicological Effects: | Low acute oral toxicity although ingestion will cause irritation of the gastrointestinal tract and may result in nausea and diarrhea. May cause mild mechanical irritation to eyes, skin and mucous membranes. May cause irritation from allergic reaction |
| Environmental Effects: | Minimal impact under normal conditions of use & storage. The bacterial cultures are naturally occurring soil type organisms. Other components are unlikely to bioaccumulate |
| Mobility: | Disperses in water |
| Degradability: | Contents are biodegradable |
| Bioaccumulative potential: | Not likely |
| Aquatic Toxicity: | Not known |

Section 12 - Other Information

This material must not be used for direct contact with food.

Section 13 - Disclaimer

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Enviro-Tech of America assumes no responsibility for personal injury or property damage to the Vendee, Users or Third Parties caused by the material. Such Vendees or Users assume all risks associated with the use of this material.

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