**MATERIAL SAFETY DATA SHEET**

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| 1. **Identification**
 |
| **Product Name** | NatureZyme |
| **Other Names** | ZetaZyme - GemStone |
| **Supplier** | EnviRemed Environmental, LLC |
| **Address** | Enviremed Environmental, LLC205 Rice Mill CircleSunset Beach, N.C. 38468 |
| **Telephone** | 910-616-1795 |
| **Emergency****Telephone** | 910-616-1795 |
| **Intended Uses** | Enzymes for use in road stabilization & construction |

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| 1. **Hazard(s) Identification**
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| **Classification of Substance/Mixture** | This product is not classified according the Globally Harmonized System (GHS). |
| **Hazard Statements and Symbols** | None needed. |
| **NFPA Rating** |  Health = 0Fire = 0Reactivity = 0 |
| **U.S. Hazardous Materials Identification System (HMIS) Rating** |
| **Health** | 0 | No significant risk |
| **Flammability** | 0 | Material is nonflammable and will not burn |
| **Physical Hazard** | 0 | Material is stable, non-reactive and non-explosive |
| **Personal Protection** | - | No special hazard when used normally |
| **Hazards Not Otherwise Classified** |
| None |

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| 1. **Composition/Information on Ingredients**
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| Chemical Name: Concentration Proprietary Mixture 70%Water 30% |

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| 1. **First-Aid Measures**
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| **Inhalation** | Not expected to cause respiratory irritation. If adverse symptoms develop move victim away from source ofexposure and into a well-ventilated area or an area with fresh air. If symptoms persist, seek medical attention. |
| **Skin Contact** | Not expected to cause skin irritation. In event of skin contact, remove contaminated clothing and washaffected area with water and mild soap. If irritation develops or persists, seek medical attention. |
| **Eye Contact** | If irritation or redness occurs from exposure, flush eyes with clean water for several minutes. Remove contact lenses, if present and easily removable. If irritation continues to develop, seek medical attention. |
| **Ingestion** | If swallowed, nausea or upset stomach may occur. Do not induce vomiting. Drink plenty of water to dilute. If symptoms persist, seek medical attention. |

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| 1. **Fire-Fighting Measures**
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| **Flash Point Method Used** | none |
| **Extinguishing Media** | Use dry chemical, CO2, or water spray. |
| **Unusual Fire and Explosion Hazards** | none |
| **Flammable Limits** | Nonflammable |
| **UEL** | none |
| **Special firefighting procedures** | Wear full protective clothing including positive pressure breathing apparatus. |

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| 1. **Accidental Release Measures**
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| **Steps to be taken in case material is****released or spilled** | Flush to sewage system or any disposal system |
| **Waste Disposal Method** | Flush to any disposal system |
| **Other precautions** | none |

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| 1. **Handling and Storage**
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| **Precautions to be taken in handling****and storing** | None. But activity may be list if temperatures exceed 1300F (550C) or if pH exposure is below 2.5 or above 9.5 |
| **Other precautions** | none |

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| 1. **Exposure Controls/Personal Protection**
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| **Respiratory Protection (Specify Type)** | None required |
| **Ventilation** | Normal |
| **Protective Gloves** | None required |
| **Eye Protection** | GMP to wear goggles with concentrate |
| **Work/Hygienic Practices** | Observe good housekeeping practices |
| 1. **Physical and Chemical Properties**
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| Boiling Point: | 212º F | Specific Gravity (H2) = 1) | 1.000 – 1.080 |
| Vapor Pressure (mmHg) | As Water | Melting Point: | Liquid |
| Vapor Density (Air=1) | 1 | Evaporation Rate: | As Water |
| Solubility in Water: | Infinite |  | 4.15-4.75 |
| Appearance and Odor: | Dark Brown Liquid; Characteristic Odor |  |  |

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| 1. **Stability and Reactivity**
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| **Stability** | Stable |
| **Incompatibility (materials to avoid)** | Oxidizing agents |
| **Hazardous Decomposition or By-****Products** | none |
| **Hazardous Polymerization** | Will not occur |

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| 1. **Toxicological Information**
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| **Likely Routes of Exposure** |
| **Inhalation** | Not expected to cause any irritation |
| **Skin Contact** | Mild skin irritation with prolonged contact |
| **Eye Contact** | Causes mild eye irritation |
| **Ingestion** | May cause upset stomach |
| **Acute Toxicity** |
| **Oral LD50** | >5 g/kg |
| **Dermal LD50** | No data available. |
| **Inhalation LD50** | No data available. |
| **Carcinogenicity** |
| Contains no component that is known to be carcinogenic |

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| 1. **Ecological Information**
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| **Ecotoxicity** | Ingredients used do not trigger toxicity classifications under the Globally Harmonized System of Classification and Labeling of Chemicals. |
| **Aquatic** | No data available. |
| **Terrestrial** | No data available. |
| **Persistence and Degradability** | Readily biodegradable |
| **Bio accumulative Potential** | No data available |
| **Mobility in Soil** | Highly mobile in soil |

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| 1. **Disposal Consideration**
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| **Material Disposal** | Recover or recycle if possible. Do NOT dispose into drains, bodies of water, or environment. Solidify product and dispose in approved landfill. Check with local, regional, and/or national regulations for appropriate methods of disposal. |
| **Container Disposal** | Containers may be offered for recycling |

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| 1. **Transport Information**
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| **U.N. Number** | Not applicable |
| **U.N. Proper Shipping Name** | Enzyme Preparations |
| **Transport Hazard Classes** | Not applicable |
| **Environmental Hazards** | None |
| **Transport in Bulk** | Unknown |
| **Special precautions** | None known |
| **U.S. DOT / Canadian TDG** | Not regulated for shipping |
| **IMO/ IDMG** | Not classified as Hazardous |
| **ICAO/ IATA** | Not classified as Hazardous |
| **ADR/ RID** | Not classified as Hazardous |

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| 1. **Regulatory Information**
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| **TSCA Inventory** | Yes, all ingredients listed |
| **OSHA Hazard** | Not regulated |

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| 1. **Other Information**
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| **Revision Date** | April 19, 2024 |
| The information and recommendations in the safety data sheet are to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty expressed or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose. |