

MATERIAL SAFETY DATA SHEET

Complies with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200.

APRIL 11,2003

MICRO-ZYME ENZYME INSTRUMENT SPRAY GEL

SECTION I - Contact Information

Micro-Scientific Industries, Inc.
1225 Carnegie Street
Rolling Meadows, IL 60008 USA
General Phone: 1-888-253-2536

Emergency Telephone Numbers:

(24 Hour) 1-800-255-3924
International (813) 977-3668

SECTION II - Composition

| Hazardous Components / CAS Number | PEL(mg/m3) | TWA(mg/m3) | % (optional) |
|-----------------------------------|------------|------------|--------------|
| Dodecylphenoethoxylate 9014-92-0 | N/A | N/A | 1-10 |
| Proteolytic Enzymes 9014-01-1 | 0.6 | 0.6 | 0.1- 0.5 |

SECTION III - Physical/Chemical Characteristics

Boiling Point: >212^oF **Specific Gravity (H₂O = 1):** 1.020
Vapor Pressure (mm Hg.): N/D **Melting Point:** N/A
Vapor Density (AIR = 1): N/D **Evaporation Rate (Butyl Acetate = 1):** 1
Solubility in Water: Complete **pH:** 8.0
Appearance and Odor: Clear gel with pleasant mild fragrance

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used): None
Flammable Limits: Non-flammable
Extinguishing Media: N/A **Special Fire Fighting Procedures:** None
Unusual Fire and Explosion Hazards: None

SECTION V - Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid): Strong oxidizers
Hazardous Decomposition or By-products: CO, CO₂ may form during combustion
Hazardous Polymerization: Will not occur.
Conditions to Avoid: High temperatures

SECTION VI - Health Hazard Data

Route(s) of Entry:**Inhalation of vapors:** Yes **Skin:** Yes **Eyes:** Yes **Ingestion:** Yes**Health Hazards (Acute and Chronic):****Inhalation:** No adverse reaction expected**Eyes:** Direct contact may cause stinging, pain and redness.**Skin:** May cause mild skin irritation.**Ingestion:** Gastrointestinal irritation with nausea, vomiting and diarrhea.**Carcinogenicity:** **NTP:** N/D **IARC Monographs:** N/D **OSHA Regulated:** N/D**Emergency and First Aid Procedures:****Vapor Inhalation:** Move to fresh air. **Aspiration:** Seek medical attention..**Eyes:** Remove contact lenses. Flush with water. Seek medical attention.**Ingestion:** Drink plenty of water. Seek medical attention. Induce vomiting.**Skin:** Flush with plenty of water, If irritation persists, seek medical attention.**SECTION VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled: Rinse with water to drain.**Waste Disposal Method:** Dispose of in ordinary trash or down sanitary system.**Precautions to Be Taken in Handling and Storing:** Keep away from very high temperatures.**Other Precautions:** Keep out of reach of children.**SECTION VIII - Control Measures**

Respiratory Protection (Specific Type): None**Ventilation:** **Local Exhaust:** Yes **Mechanical (General):** None
Special: None **Other:** None**Protective Gloves:** Gloves **Eye Protection:** Avoid eye contact, wear eye protection.**Other Protective Clothing or Equipment:** Apron recommended**Work/Hygienic Practices:** None**HMIS RATING:** **HEALTH = 1** **FLAMMABILITY = 0** **REACTIVITY = 0** **PROTECTION = B****Note:** N/A or N/D as an information entry means the data is not applicable or determined, respectively.

This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communications Standard (20CFR 1910.1200) and is only specific to this product. The information contained is believed to be accurate to the best of our knowledge.