

# Material Safety Data Sheet

Date of Preparation: 6/2/05

ENZIPURE

Revision: 03/12/15

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** ENZIPURE

**Chemical Formula:**

**CAS Number:**

**Other Designations:**

**General Use:**

**Manufacturer:** MIRANDY PRODUCTS, LLC., 1078 GRAND AVENUE, S. HEMPSTEAD, NY 11550

(516) 489-6800

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☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

## Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
Bacterial/Enzyme Culture	MIXTURE	TO 5
Nonionic Surfactant	MIXTURE	TO 7
Water	7732-18-5	TO 90

**Trace Impurities:**

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Bacterial/Enzyme Culture							
Nonionic Surfactant							
Water							

**Toxicity Data:**

## Section 3 - Physical and Chemical Properties

**Physical State:**

**Appearance and Odor:** White liquid, pleasant odor

**Odor Threshold:**

**Vapor Pressure:** N/D

**Vapor Density (Air=1):** Same as water

**Formula Weight:**

**Density:**

**Specific Gravity (H<sub>2</sub>O=1):** 1.01

**H:**

**Water Solubility:**

**Boiling Point:** 212F-220F

**Freezing/Melting Point:**

**Viscosity:**

**Refractive Index:**

**Surface Tension:**

**% Volatile:** 92-94

**Evaporation Rate:** 1

## Section 4 - Fire-Fighting Measures

**Flash Point:** NA

**Flash Point Method:** NA

**Burning Rate:**

**Autoignition Temperature:**

**LEL:**

**UEL:**

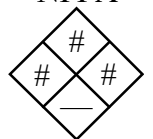
**Flammability Classification:**

**Extinguishing Media:** Dry powder, carbon dioxide, chemical foam and water fog

**Unusual Fire or Explosion Hazards:** None known

**Hazardous Combustion Products:**

NFPA



**Fire-Fighting Instructions:**

**Fire-Fighting Equipment:**

**Stability:** Stable

## Section 5 - Stability and Reactivity

**Polymerization:** Will not occur

**Chemical Incompatibilities:** none.

**Conditions to Avoid:** None known

**Hazardous Decomposition Products:** None

## Section 6 - Health Hazard Information

### Potential Health Effects

**Primary Entry Routes:**

**Target Organs:**

**Acute Effects**

**Inhalation:** No

**Skin:** may cause irritation

**Ingestion:** may cause irritation of mucous membranes

**Eyes:** May cause eye irritation.

**Carcinogenicity:** Not listed

**Medical Conditions Aggravated by Long-Term Exposure:** Person with present skin disorder may be more susceptible to irritation

**Chronic Effects:**

### Emergency and First Aid Procedures

**Inhalation:** Remove to fresh air

**Eye Contact:** Flushing with running water for 15 minutes.

**Skin Contact:** Wash with soap and water.

**Ingestion:** Do not induce vomiting

Drink plenty of water

If unconscious or in convulsion, take to hospital or physician

**Note to Physicians:**

**Special Precautions/Procedures:**

## Section 7 - Spill, Leak, and Disposal Procedures

**Spill /Leak Procedures:** Dike & contain spill, absorb the liquid

**Large Spills**

**Containment:**

**Cleanup:**

**Regulatory Requirements:** Follow applicable local, state and federal regulations.

**Disposal:** Scoop or shovel solid material into a suitable container for recovery or disposal . Area may become slippery.

Flush cleaned area with water.

Dispose according to local, state and federal requirements.

**Disposal Regulatory Requirements:**

**Container Cleaning and Disposal:**

**Ecological Information:**

**Precautions for Storing and Handling:** Keep from freezing.

**Other Precautions:** None

**Section 8 - Exposure Controls / Personal Protection****Engineering Controls:**

**Ventilation: Administrative Controls:** Good ventilation requirements

**Respiratory Protection:** Not required under normal use.

**Protective Clothing/Equipment:** Protective gloves./Protective clothing

**Safety Stations:** Eyewash facilities should be accessible.

**Contaminated Equipment:**

**Comments:** Wash thoroughly after handling. Launder contaminated clothing before reuse.

**Eye Protection:** Safety Goggles