

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072



IDENTITY (As Used on Label and List) Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I PERMA-ZYME

Manufacturer's Name INTERNATIONAL ENZYMES, INC	Emergency Telephone Number 702-388-0145
Address (Number, Street, City, State, and ZIP Code) 1706 INDUSTRIAL ROAD	Telephone Number for Information 702-388-0145
LAS VEGAS, NV 89102	Date Prepared January 1, 2009
Signature of Preparer (optional) <i>John J. Bellastone</i>	

Section II -- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
None	NON-HAZARDOUS			

Section III -- Physical/Chemical Characteristics

Boiling Point	212 F	Specific Gravity (H ₂ O = 1)	1.094
Vapor Pressure (mm Hg.) Same as water		Melting Point	N/A
Vapor Density (AIR = 1)	1	Evaporation Rate (Butyl Acetate = 1)	
Solubility in Water Totally Soluble			
Appearance and Odor Brown Color, slight ferment odor			

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used)	Not Applicable	Flammable Limits	LEL	UEL
Extinguishing Media Not Applicable				
Special Fire Fighting Procedures				
Unusual Fire and Explosion Hazards				

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid Temperature above 120 F can reduce enzyes, activity. Not as effective with strong acids or base
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur	<input checked="" type="checkbox"/>	Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: n/a Inhalation? Skin? Ingestion?

Health Hazards (Acute and Chronic)

Carcinogenicity: n/a NTP? n/a IARC Monographs? n/a OSHA Regulated? NO

Signs and Symptoms of Exposure none

Medical Conditions Generally Aggravated by Exposure: none

Emergency and First Aid Procedures Fluse from eyes with water

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled Wash down with water

Waste Disposal Method Can be washed into sewage syste,. Can be absorbed by earth

Precautions to Be Taken in Handling and Storing None required

Other Precautions None

Section VIII — Control Measures

Respiratory Protection (Specify Type) None required

Ventilation	Local Exhaust	Not required	Special	n/a
	Mechanical (General)	Not required	Other	n/a

Protective Gloves not required Eye Protection not required

Other Protective Clothing or Equipment none

Work/Hygienic Practices Normal good hygienic practices