

**MATERIAL SAFETY DATA SHEET**

**SECTION 1. IDENTIFICATION OF PRODUCT**

Name: JAMACIAN DREAM ENZYME DEODORIZER  
Identity: Enzyme Odor Control      MSDS Number: 11192      Date: 12/04/2008      Supersedes: 03/02/2004  
HEALTH: 1      FIRE: 0      REACTIVITY: 0      PROTECTION: A

**SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Name	CAS Number	PEL	TLV	%
Viable Bacterial Cultures	NA	NA	NA	

**SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: 212° F	Specific Gravity: 1.005 ± 0.005	Vapor Pressure (mm Hg.): ND	Melting Point: ND
Vapor Density (Air = 1): ND	Evaporation (H2O = 1):1	Water Solubility: Complete	pH @ 77F: 8.0-9.0
			VOCgm/L: 0

Appearance and Odor: Hazy liquid, Pina Colada odor.

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

Flash Point (TCC): None	% LEL: ND	% UEL: ND	Flammable Limits: ND
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Extinguishing Media: Dry chemical, carbon dioxide, foam

Special Fire Fighting Procedures: None

Unusual Fire and Explosion: None

**SECTION V. HEALTH HAZARD DATA**

Route(s) of Entry: INHALATION? No      EYES? Yes      SKIN? No      INGESTION? Yes

(Acute) Health Hazards:

Eyes: May cause irritation. Organisms used are non-pathogenic but can cause infection with open wounds.

Skin: Prolonged contact may irritate and cause dermatitis.

Ingestion: Rarely toxic. Irritation of the mouth, pharynx, esophagus & stomach can develop following ingestion.

Inhalation: Not likely to cause ill effects.

(Chronic) Health Hazards: None Known

Signs and Symptoms of Exposure:

Eyes: Redness, irritation

Skin: Redness on hands & forearms for person with dermal allergic reaction

Ingestion: Mild to moderate stomach upset

Inhalation: Unlikely to be injurious

Medical Conditions Generally Aggravated by Exposure: Pre-existing contact site disorders.

**Emergency First Aid Procedures:**

Eyes: Immediately flush eyes with large amounts of water for about 15 minutes. Hold eyelids apart during the flushing to ensure thorough rinsing. Get medical attention.

Skin: Immediately flush all affected areas with large amount of running water for at least 15 minutes. Remove and discard contaminated clothing and shoes. If irritation persists, get medical attention.

Ingestion: Give 1-2 glasses of water to drink if victim is conscious. Obtain medical attention.

Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

#### SECTION VI. TOXICITY DATA

Carcinogenicity: NTP? No IARC No OSHA REGULATED? No

#### SECTION VII. REACTIVITY DATA

Stability: Stable Hazardous Polymerization Will Not Occur

Incompatibility (Materials to Avoid): Strong acids or alkali compounds may inactivate biological cultures.

Hazardous Decomposition Byproducts: NONE

#### SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Small Spills: Where possible, flush down drain to waste treatment sewer; otherwise use chemical absorbent & sweep.

Large Spills: Same as small spill. Contain and collect in a properly labeled container for later disposal.

Disposal: Dispose of to meet Federal, State & Local Requirements

Handling and Storage: Store in cool, dry well ventilated area. Keep container tightly closed when not in use.

Other Precautions: Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

#### SECTION IX. CONTROL MEASURES

Respiratory Protection: Not normally indicated when used as directed

Ventilation: Normal indoor

Local Exhaust: Not normally indicated

Mechanical (General): Not normally indicated

Protective Gloves: Rubber or vinyl; optional

Eye Protection: Chemical safety goggles; optional

Other Protective Clothing or Equipment: Long pants, sleeves, apron

Work/Hygienic Practices: The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

#### SECTION X. DOT INFORMATION

NOT REGULATED

#### SECTION XI. MISCELLANEOUS INFORMATION

SARA 313: No

Notice: All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA – Not Available

NE- Not Established

ND – Not Determined