

Flo-Kem, Inc.  
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Rancho Dominguez, CA 90221  
Emergency: 800-255-3924

MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT

NAME: ~~PHO-ZYME~~  
Identity: Enzyme Odor Control  
TOXICITY: 1

MSDS Number: 5195  
FIRE: 0

REACTIVITY: 0

Date: 1-1-96  
PROTECTION: A

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

None

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:  
212 F  
Vapor Density:  
(Air = 1): 1

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

Vapor Pressure  
(mm Hg.): ND  
Water Solubility:  
Complete

Melting Point:  
ND  
pH @ 77 F:  
9

Appearance and Odor: White suspension, pleasant odor

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC):  
None

LEL:  
NE

UEL:  
NE

Flammable  
Limits: NA

Extinguishing Media: Appropriate to fire fuel source.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

SECTION V. HEALTH HAZARD DATA

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

Eyes: Contact with eyes may cause irritation.

Skin: Contact with skin is not likely to result in ill effects.

Ingestion: Swallowing may cause gastrointestinal disorders.

Inhalation: is not likely to cause ill effects unless a mist is somehow generated.  
(Chronic) Health Hazards: None known.

Signs and Symptoms of Exposure:

Eyes: Redness, irritation

Skin: Wet feeling.

Ingestion: Gastrointestinal Disorder

Inhalation: Unlikely to be injurious.

Medical Conditions Generally Aggravated by Exposure: None have been identified.

Emergency and First Aid Procedures:

Eyes: Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.

Skin: Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, obtain medical attention.

Ingestion: Obtain immediate medical attention.

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

SECTION VI. TOXICITY DATA

Carcinogenicity: NTP? NO IARC MONOGRAPH? NO OSHA REGULATED? NO  
Oral: Over 5,000 mg/kg

5195

**Dermal:** Over 5,000 mg/kg  
**Inhalation:** Over 5,000 mg/kg

**Stability:** Stable

#### SECTION VII. REACTIVITY DATA

Hazardous Polymerization Will Not Occur

**Incompatibility (Materials to Avoid):** None noteworthy.

**Hazardous Decomposition Byproducts:** Oxides of carbon.

**SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE**  
**Steps to be Taken in Case Material is Released or Spilled:**

**Small Spills:** Mop up

**Large Spills:** Mop up

**Disposal:** Follow Federal, State, and Local requirements.

**Handling and Storing:** Store in a 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

**Ventilation:** Normal indoor ventilation

**Local Exhaust:** Not normally indicated

**Mechanical (General):** Not normally indicated

**Special:** N/A

**Other:** N/A

**Protective Gloves:** Not normally indicated.

**Eye Protection:** If splashing is likely.

**Other Protective Clothing or Equipment:** Not normally indicated.

**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.

SARA 313: NA

#### SECTION XI. MISCELLANEOUS INFORMATION

**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 guaranty 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 Applicable

S - May Be Absorbed Through Intact Skin

ND - No Data Available