



MATERIAL SAFETY DATA SHEET

I - PRODUCT IDENTIFICATION

Product: PacifiClear™ Pro-Zyme Enzyme Cleaner
 Chemical Family:
 Formula:
 CAS Number: N/A
 Synonyms:

COMPANY IDENTIFICATION

AllChem Performance Products
 6010 NW First Place
 Gainesville, FL 32607
 Tel: 352-378-9696

DISTRIBUTED BY

Water Techniques, Inc.
 157 Pickett's Way
 Acworth, GA 30101
 Tel: 770-966-0250

24 HR EMERGENCY TELEPHONE NUMBER

INFOTRAC (Transportation): (800)535-5053

II - COMPOSITION, INFORMATION ON INGREDIENTS

| <u>Chemical or Common Name:</u> | <u>Exposure Limits</u> | |
|---------------------------------|------------------------|-------------------|
| | <u>OSHA PEL:</u> | <u>ACGIH TLV:</u> |
| (Multi-enzyme concentrate) | none established | none established |

III - HAZARDS IDENTIFICATION

Primary Route(s) of Entry:

- Ingestion: (X)
- Inhalation: (X)
- Skin Contact: ()
- Eye Contact: ()

Primary Health Hazards (Acute and Chronic): None Known

Carcinogenicity Listings: None Known

- OSHA: ()
- NTP: ()
- IARC: ()

Signs & Symptoms of Exposure:

- Ingestion:
- Inhalation:
- Skin Contact: Possible skin irritation
- Eye Contact:

Medical Conditions Aggravated By Exposure: Individuals with known allergies or

chronic respiratory diseases.

IV – FIRST AID MEASURES

Emergency and First Aid Procedures:

Ingestion: Rinse mouth/throat with water. Drink water.

Inhalation: Remove from area of exposure. If allergic symptoms occur, seek medical attention.

Skin Contact: Wash affected areas with soap and water. Remove contaminated clothing and wash.

Eye Contact: Rinse thoroughly with water for at least 15 minutes. If irritation persists, seek medical attention.

V – FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD DATA

Flash Point (PMCC): Not determined (aqueous solution)

Flammable Limits:

LEL: N/A

UEL: N/A

Extinguishing Media: Water and/or foam

Special Fire-fighting Procedures: none

Unusual Fire and Explosion Hazards: none

VI – ACCIDENTAL RELEASE MEASURES

Steps to Be Taken In Case Material Is Spilled Or Released:

Large spills: Contain area of spill using suitable dike material.

Small spills: Soak up with towel or other cloth absorber and place in a disposal container.

Product Disposal: Place in a covered disposal container.

Container Disposal: Dispose of in accordance with federal, state, and local regulations.

VII – HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storage: Keep container tightly closed.

Other Precautions: Maintain good housekeeping. Avoid creating aerosols.

VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Wear suitable NIOSH-approved masks or respiratory protector.

Ventilation:

Local Exhaust: Local ventilation required

Mechanical Exhaust: Prevent fugitive aerosol entrainment.

Other Protective Clothing or Equipment: Rubber or polyethylene gloves suggested.

Liquid tight chemical goggles. Wear long sleeve shirt, trousers, and safety shoes.
Work/ Hygienic Practices: Wash hands after handling as well as any other affected skin areas. Avoid contact with food or food preparatory surfaces. If this occurs, wash the area thoroughly with suitable detergent and water. Remove and wash contaminated clothing. An eye wash station is recommended.

IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 100-105°C
Vapor Pressure (mm Hg): Same as water
Vapor Density (Air=1): Same as water
Solubility in Water: Completely miscible
Appearance and odor: Aqua color, Pleasant (citrus) odor
Specific Gravity (H₂O=1): 1.006 +/- 0.002
Percent volatile by volume:
Melting Point: N/A - Liquid
Evaporation Rate (Butyl Acetate=1): Not Determined
Viscosity: 100-150 CP
pH (neat): 6.45 +/- 0.10

X – STABILITY AND REACTIVITY

Stability: Unstable Stable
Conditions to Avoid: Temperatures over 100°C
Incompatibility: None known
Hazardous Decomposition or By-Products: None known
Hazardous Polymerization: May Occur Will Not Occur

XI - TOXICOLOGICAL INFORMATION

Acute Toxicity:
Target Organ Toxicity:
Reproductive and Development Toxicity:
Carcinogenicity:
Mutagenicity:

XII – ECOLOGICAL INFORMATION

Aquatic Toxicity:
Avian Toxicity:

ENVIRONMENTAL HAZARDS (PR Notice 93-10)

This product is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the

requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water board or Regional Office of the EPA.

XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with federal, state, and local regulations.

XIV - TRANSPORTATION DATA

U.S. Department of Transportation - 49 CFR

Proper Shipping Name: Not otherwise Indexed (NOI)
Hazard Class/Division Number:
ID Number:
Packing Group:
Label Required:
Placard Required:
Marine Pollutant:

International Maritime Organization - IMDG

Proper Shipping Name:
Hazard Class/Division Number:
ID Number:
Packing Group:
Label Required:
Placard Required:
Marine Pollutant:

XV - REGULATORY INFORMATION

SARA Title III:
TSCA:

XVI - ADDITIONAL INFORMATION

ALWAYS COMPLY WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE AND LOCAL REGULATIONS REGARDING THE TRANSPORTATION, STORAGE, USE AND DISPOSAL OF THIS CHEMICAL.

Due to the changing nature of regulatory requirements, the REGULATORY INFORMATION listed in Section XV of this document should NOT be considered all-

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