

PROtech SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: POOL-ZYME
Synonym(s): POOL ENZYME
Recommended Uses: For Swimming Pools
SDS Reference: 60

Company Information: ALLCHEM PERFORMANCE PRODUCTS, INC. Distributed By: WINDO
6010 NW FIRST PLACE 6934 EAST FIRST AVENUE SUITE 101
GAINESVILLE, FL 32607 SCOTTSDALE AZ 85251
Tel: 352-378-9696
24 HOUR EMERGENCY NUMBER: INFOTRAC (TRANSPORTATION): 1-800-535-5053

2. HAZARD(S) IDENTIFICATION

Classification: Not subject to GHS classification.
Signal Word: WARNING
Hazard Statements: Avoid contact with eyes and skin. No sensitizing effects known.
Precautionary Statements: Avoid contact with eyes and skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash separately before reuse.
Eye Contact: May cause discomfort, yet not an eye irritant.
Skin Contact: No irritant effect.
Inhalation: No data available
Ingestion: No data available

3. COMPOSITION

	<u>PERCENT %</u>	<u>CAS #</u>
Chemical Name:	Trade Secret	
	The specific identity and/or percentages of this product are being withheld as a trade secret. The specific hazards of this product are noted in the applicable sections of this document.	

4. FIRST AID

If In Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
If on Skin or Clothing: Flush skin with large amounts of water. Remove any contaminated clothing and wash before reuse. Seek medical attention if irritation occurs.
If Inhaled: If symptoms are experienced, remove source of contamination and/or move victim to fresh air. If breathing is difficult, have trained personnel administer oxygen. If respiration stops, have trained personnel administer artificial respiration. Get medical attention immediately.
If Swallowed: Give large amounts of water. Do not induce vomiting. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees. Get immediate medical attention.
Note: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

5. FIREFIGHTING MEASURES

Suitable / Unsuitable Extinguishing Media: Water fog or fine spray, carbon dioxide, dry chemical or foam.
Specific Hazards from Chemical: No data available.
Special Protective Equipment: As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Other Information:

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate personal protective equipment (PPE) and clothing. Isolate area. Keep unnecessary personnel away. Keep out of low areas. Ventilate closed spaces before entering.
Methods and Materials for cleanup: Wear appropriate protective equipment and clothing during clean-up.
Prevent further leakage or spillage if safe to do so.
Prevent entry into waterways, sewers, basements or confined areas. Absorb with liquid-binding materials

PROtech SAFETY DATA SHEET

(sand, universal binders, sawdust).

Large spill: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Dispose in accordance with all local, state and federal regulations.

Small spill: Follow same procedure as above.

7. HANDLING AND STORAGE

Handling: Wear appropriate personal protective equipment (PPE). Avoid contact with skin and eyes. Wash hands thoroughly after handling.

Storage: Store this product below 120°F (49°C), preferably below 75°F (24°C), in a cool, dry, well ventilated area away from heat, sparks, flame, oxidizers and out of direct sunlight. For best results, use within 24 months.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

OSHA permissible exposure limit: No data available.

Appropriate Engineering Controls: No data available.

Individual Protection Measures: Eyes: General eye protection suggested when handling any chemical product. Eye wash fountain is recommended.

Hands: Chemical-resistant impervious gloves complying with an approved standard should be used at all times when handling chemical products.

Breathing equipment: Not required

Body protection: Protective work clothing.

General measures: Wear appropriate personal protective equipment (PPE). Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using the toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Translucent yellowish liquid

Flammability (solid/gas): No data available

Odor: Mild, slightly pungent

Upper/lower Flammability or

Exposure limits:

Odor Threshold: No data available

Vapor Pressure: <0.01 mm Hg @ 68°F (20°C)

pH: 3.6 – 4.2 @ 77°F (25°C)

Vapor Density: Same as water

Melting

Density: 8.345 lbs/gal

Point/Freezing Point:

Solubility(ies): Completely soluble in water

Initial Boiling

Partition Coefficient: n-octanol/water: No data available

Point/Boiling Range:

Auto-ignition Temperature: No data available

Flash Point: None

Decomposition Temperature: No data available

Evaporation Rate: <0.01 *N-butyl acetate = 1

Viscosity: No data available

10. STABILITY AND REACTIVITY

Stability/Reactivity: Stable under normal storage conditions

Possibilities of Hazardous Reactions: Hazardous Polymerization: Will Not Occur

Conditions to Avoid: Store this product below 120°F (49°C), preferably below 75°F (24°C), in a cool, dry, well ventilated area away from heat, sparks, flame, oxidizers and out of direct sunlight. For best results, use within 24 months.

Incompatible Materials: Strong oxidizing agents, alkalis

Hazardous Decomposition Materials: None known

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: LD/LC50 values that are relevant for classification: Product has not been tested. Based on the known information of the ingredients, product is expected to have a low order of acute toxicity. (>2,000 mg/kg). The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Chronic Toxicity: No data available

Reproductive Toxicity: No data available



SAFETY DATA SHEET

Carcinogenicity: No data available

Mutagenicity: No data available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: 48 hr. LC50 *D. pulex* (daphnia) <0.36 mg/kg
96 hr. LC50 *P. promelas* (fathead minnow) <0.59 mg/kg

Avian Toxicity: No data available.

Environmental Hazards: Readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal: Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

14. TRANSPORTATION INFORMATION

Package exceptions may be applicable. Refer to the appropriate IMDG, IATA and/or 49 CFR regulations accordingly.

DOT: Not Regulated

15. REGULATORY INFORMATION

TSCA: USA: Reported in the EPA TSCA Inventory.

SARA (311, 312): Immediate (Acute) Health

SARA 313: No product ingredient listed.

Right To Know Hazardous Substance List: No product ingredient listed.

Waste Classification: No data available.

Workplace Classification: This product is NOT considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

CERCLA Reportable Quantity: No product ingredient listed.

16. OTHER 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 15 of this document should NOT be considered all-inclusive or authoritative. International, Federal, State and Local regulations should be consulted to determine compliance with all required reporting requirements. The information in this SDS was obtained from sources, which we believe are reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

HMIS Rating: Health: 1
Flammability: 0
Reactivity: 0

NFPA Rating: Health: 1
Flammability: 0
Reactivity: 0

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Special Hazard Warning: Not applicable