

Name: Zyfund® A

Section 1: Identification

Product Name: Zyfund A

Intended Use: For use as a feed ingredient or animal nutritional supplement

Responsible Party: Daniel Baum Company Inc
dba DBC Ag Products
1383 Arcadia Rd, Suite 102
Lancaster, PA 17601

Telephone Number for Product Information: (717) 509-5724

Emergency Telephone Number: (717) 509-5724

Section 2: Hazard(s) Identification

Classification

Physical Hazard: Not classified

Health Hazard: Not classified

Hazard Statement: Not hazardous. Product is composed of animal feed components and contains no hazardous chemicals.

Section 3: Composition/Information on Ingredients

Ingredient Listing: Liquid Yucca Schidigera Extract, *Aspergillus oryzae* Fermentation Extract, *Aspergillus niger* Fermentation Extract, Essential Oil of Lemon, Essential Oil of Grapefruit, Essential Oil of Fennel, and Anise.

All ingredients contained in this product are either defined as feed ingredients as established by the Association of American Feed Control Officials (AAFCO) or considered Generally Recognized as Safe (GRAS) as established by the US federal regulations for food additives as governed by the US Food and Drug Administration. All ingredients are used in accordance with the definitions provided for by the above governing bodies.

Section 4: First-Aid Measures

Skin contact: Wash with soap and water. If irritation or redness develops, seek medical attention.

Eye contact: Flush immediately with clean water. If redness or irritation persists, seek medical attention.

Inhalation: N/A

Ingestion: Wash down with water. Call a doctor or poison control center.

Individuals with known allergies to enzyme preparations and/or common animal feed ingredients should use caution when handling this product.

Section 5: Fire-Fighting Measures

Flammable Properties

Flash point: Does not flash.

Thermal decomposition: Stable under normal conditions. Decomposes on heating.

Fire Hazard: Not a fire hazard.

Suitable Extinguishing Media: Not burnable

Explosion Hazard: None

Section 6: Accidental Release Measures

Safeguards: Use appropriate measures to limit contact with the skin and the eyes.

Methods for Clean Up: Clear spills immediately and dispose of waste safely.

Section 7: Handling and Storage

Precautions for Safe Handling: Keep out of reach of children. Not intended for human use.

Safe Storage Conditions: Keep container in a cool, dry, well-ventilated area. Keep container tightly closed.

Storage Incompatibilities: Avoid high humidity and excessive temperatures, as these conditions will degrade product quality. As with all food/feedstuffs, avoid storage with or near toxic substances.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide adequate general and local exhaust ventilation. Ensure that all national/local regulations are observed.

Personal Protection:

Respiratory Protection: N/A

Hand Protection: No special protective equipment is needed under normal use conditions.

Eye Protection: No special protective equipment is needed under normal use conditions.

Skin and Body Protection: No special protective equipment is needed under normal use conditions.

Protective Measures: Practice good industrial/manufacturing hygiene and housekeeping

Section 9: Physical and Chemical Properties

Physical State:	Liquid
Appearance:	Brown
Odor:	Herbaceous odor
Odor Threshold:	Not Applicable
pH:	Not Applicable
Evaporation Rate:	Not Applicable
Melting Point:	Not Applicable
Freezing Point:	Not Applicable
Boiling Point:	Not Applicable
Flash Point:	Not Applicable
Auto-ignition Temperature:	Unknown
Decomposition Temperature:	Not Applicable

Flammability (solid, gas):	Not Applicable
Vapor Pressure:	Not Applicable
Relative Vapor Density at 20 °C:	Not Applicable
Relative Density:	Not Applicable
Solubility:	Complete
Partition Coefficient: N-Octanol/Water:	Not Applicable
Viscosity:	Not Applicable

Section 10: Stability and Reactivity

Stability: Stable

Reactivity: Hazardous reactions will not occur under normal conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Avoid contact with toxic chemicals

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Section 11: Toxicological Information

Carcinogenicity:

NTP: No

IARC Monographs: No

OSHA Regulated: No

Acute Toxicity: May be a mechanical irritant to skin and eyes.

Chronic Toxicity: No information available

Signs/Symptoms of Exposure: Irritation to the skin, eyes, nose, or throat may occur.

Medical Conditions Generally Aggravated by Exposure: Allergies

Mutagenicity: Not Classified

Reproductive toxicity: Not classified

Section 12: Ecological Information

Toxicity: No additional information available
Persistence and degradability: No additional information available
Bioaccumulative potential: No additional information available
Mobility in soil: No additional information available
Other adverse effects: No additional information available

Section 13: Disposal Considerations

Dispose of waste material in accordance with all local, regional, national, and international regulations.

Section 14: Transport Information

Not regulated for transport by DOT

Section 15: Regulatory Information

US TSCA Inventory: Not listed

SARA Title III Section 313 (40 CFR 372.65): Not regulated

OSHA Process Safety (29 CFR 1910.119): Not regulated

SARA Title III Sections 311/312 Hazardous Categories (40 CFR 370.21)

Acute Health:	No
Chronic Health:	No
Fire:	No
Reactive:	No
Pressure:	No

State Regulations: Not listed

Section 16: Other Information

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