



SAFETY DATA SHEET – ACTIZYME (ECO ENZYME) SAFE PELLETS

Issue Date: January 2023
Revision: 6
SDS0316

1. Identification of the material and supplier

All product names:

ACTIZYME Pellets 100g
ACTIZYME Pellets 450g
ACTIZYME Pellets 900g
ACTIZYME Pellets 3Kg
ACTIZYME Pellets 10Kg

Supplier details:	ACTIZYME AUSTRALIA PTY LTD
Emergency telephone number:	03 8751 9768
Material use(s):	Drain Treatment
Date of issue:	January 2023

2. Hazards identification

Hazard class/category: Not classified as hazardous, according to the criteria of GHS, nor classified as dangerous goods according to the ADG Code.

Hazard statements: Not classified as hazardous, according to the criteria of GHS, nor classified as dangerous goods according to the ADG Code.

Signal words: None

Precautionary statements:

- General:**

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.

- Prevention:** No precautionary statements.
- Response:** No precautionary statements.
- Storage:** No precautionary statements.
- Disposal:** No precautionary statements.

3. Composition/information on ingredients

Ingredient Name:	CAS No.:	Proportion (%):
Cellulase	9012-54-8	<1%
Fungal Lipase	9001-62-1	<1%
Amylase	9000-90-2	<1%
Proteinase	12211-28-8	<1%
Microbial Cultures/Nutrient Blend	Proprietary Blend (68038-70-0)	<5%

Ingredients, determined not to be hazardous according to GHS criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.



4. First-aid measures

Eye contact: If this product comes in contact with the eyes, check for contacts and remove, rinse with plenty of running water. Get medical attention if symptoms occur.

Skin contact: If skin contact occurs, resulting in irritation, immediately flush skin with plenty of water and stop use. Wash clothing before reuse. Get medical attention if irritation continues.

Inhalation: Should not occur if directions for use are followed. If fumes or combustion products are inhaled remove from contaminated area. Obtain medical attention if symptoms occur.

Ingestion: If swallowed, do not induce vomiting. Rinse mouth; then drink one or two large glasses of water. Contact a doctor or a Poisons Information Centre (Phone: 13 11 26).

Notes to physician: No specific treatment. Treat symptomatically.

5. Fire-fighting measures

Extinguishing media: Use any extinguishing agent suitable for the situation/location of the fire.

Special hazards: No specific hazard.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Hazardous decomposition products: This mixture is not combustible under normal conditions. However, it will break down under fire conditions and the hydrocarbon component will burn. In a large fire, heating may produce toxic fumes. Wear self contained breathing apparatus and complete protective personal equipment.

6. Accidental release measures

Personal precautions: If product is spilled, immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment. Slippery when spilt. Avoid accidents, clean up immediately. Personnel should wear appropriate protective clothing during clean up. See section 8 for more details.

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil and waterways. Inform the relevant authorities if the product has caused environmental pollution (waterways or soil). See section 12 for more details.

Methods for containment and cleaning:

- **For minor spills:** Remove ignition sources, and clean immediately whilst wearing appropriate protective equipment.
- **For major spills:** Clear area of personnel, contain and clean the same as a minor spill, also wearing breathing apparatus and protective gloves.

7. Handling and storage

Handling: Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

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

8. Exposure controls/personal protection

Occupational exposure limits: No exposure standard allocated.

Engineering measures: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing.

Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection:

- **Eyes:** Recommended Safety glasses.
- **Hands:** Recommended PVC gloves.
- **Respiratory:** A respirator is not needed under normal and intended conditions of product use.
- **Skin:** No special protective clothing is required.

9. Physical and chemical properties

- **Appearance:** Solid pellets
- **Odour:** Faint odour
- **Odour threshold:** Not applicable
- **Colour:** Beige
- **pH:** Of a 1% solution, 6 - 8 @ 25°C
- **Melting point/freezing point:** Not applicable
- **Initial boiling point and boiling range:** Not applicable
- **Flash point:** Not applicable
- **Evaporation rate:** Not applicable
- **Flammability:** Not applicable
- **Upper/lower flammability or explosive limits:** Not applicable
- **Vapour pressure:** Not applicable
- **Vapour density:** Not applicable
- **Specific gravity:** Not applicable
- **Solubility:** Very slightly soluble in cold water, hot water
- **Partition coefficient:** Not applicable
- **Auto-ignition temperature:** Not applicable
- **Decomposition temperature:** Not applicable
- **Viscosity:** Not applicable

10. Stability and reactivity

Stability: The product is stable under normal ambient conditions of 25°C and 101.325 kPa of pressure.

Conditions to avoid: None identified.

Materials to avoid: None identified.

Hazardous decomposition products may include the following material(s): None identified.

Hazardous Reactions: No hazardous reactions expected.

11. Toxicological information

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available

Respiratory or skin sensitisation: No data available



Germ cell mutagenicity: No data available
Carcinogenicity: No data available
Reproductive toxicity: No data available
Specific Target Organ Toxicity (STOT) – single exposure: No data available
Specific Target Organ Toxicity (STOT) – repeated exposure: No data available
Aspiration hazard: No data available

12. Ecological information

Ecotoxicity data: There are no known ecotoxic effects.
Persistence/degradability: There is no known risk of persistence.
Bioaccumulative potential: There is no known risk of potential to bioaccumulate.
Mobility in soil: There is no known data about mobility in soil.

13. Disposal considerations

Methods of disposal: Do not reuse product containers. The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil and waterways. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14. Transport information

Required labels: Not applicable
HAZCHEM code: Not applicable
Marine pollutant: Not applicable
UN number: Not applicable
UN proper shipping name: Not applicable
ICAO/IATA DGR and IMDG Code: Not applicable
ADG environmental hazards: Not applicable
Special precautions for user: There are no special precautions to be undertaken by the user.

15. Regulatory information

There are no additional regulations on any substances within this product that are known.

16. Other information

Prepared by: Regulatory Affairs
Date of previous issue: Jan '17
Change Made: v2

Definitions and abbreviations:

- ADG Code - Australian Transport of Dangerous Goods
- Adopted National Exposure Standard for Atmospheric Contaminants in the Occupational Environment
- Approved Criteria for Classifying Hazardous Substances
- List of Designated Hazardous Substances
- National Code of Practice for the Labelling of Workplace Substances
- National Code of Practice for the Preparation of Material Safety Data Sheets
- National Model Regulations for the Control of Scheduled Carcinogenic Substances
- National Model Regulations for the Control of Workplace Hazardous Substances



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- Standard for the Uniform Scheduling of Drugs and Poisons
- CLP - Regulation (EC) No 1272/2008 on the **C**lassification, **L**abelling and **P**ackaging of substances and mixtures.

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Disclaimer: *The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.*

Next Review Date: JANUARY 2028