

Biozyme

1: Identification of the Material and Supplier

Product Identifier	Biozyme		
Other Means of Identification	BIOZYME.10 (10kg), PRODUCT.25 (23kg)		
Recommended Use	Enzyme boosted premium laundry powder		
Supplier	Organisation	Location	Contact Information
	Chemform	7 Kirke St	Phone: 1300 415 278
	ABN: 50 008 905 119	Balcatta WA 6021	Fax: (08) 9344 4360
		Australia	E-Mail: admin@chemform.com.au
			Web: www.chemform.com.au
Emergency Phone Number	Poisons Information Centre (Australia) 13 11 26		

2: Hazard Identification

Classified as hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) criteria of Safe Work Australia and classified as a non-dangerous good according to Australian Dangerous Goods Code

GHS Classification	Eye damage (category 1) Skin irritation (category 2)
Signal Word	Danger
Hazard Statement(s)	Causes serious eye damage Causes skin irritation



Precautionary Statement(s)	Wear eye protection and protective gloves and clothing. Wash hands thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor. IF ON SKIN: Wash with plenty water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash before reuse.
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3: Composition/Information on Ingredients

Ingredient	CAS Number	Proportion (% w/w)
Alkaline salts	10213-79-3/497-19-8	>60%
Sodium percarbonate	15630-89-4	<10%
Non-ionic surfactant	68439-50-9	<10%
Non-hazardous ingredients	-	to 100%

4: First Aid Measures

General	For advice, contact a Poisons Information Centre (Australia 13 11 26) or a doctor.
Ingestion	If swallowed, DO NOT induce vomiting. If person is conscious, rinse mouth thoroughly with water, first then give a glass of water to drink. If vomiting occurs, wash out mouth again with water and give another glass of water to drink. Seek medical attention urgently.
Eyes	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (Australia 13 11 26) or by a doctor, or for at least 15 minutes.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Inhalation	If swallowed or inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area.
Symptoms Caused by Exposure	Please refer to Section 11- Toxicological Information.
Medical Attention and Special Treatment	May cause corneal burns.

5: Fire Fighting Measures

Suitable Extinguishing Equipment	Material itself is not combustible. Extinguish fire using agent suitable for type of surrounding fire. Use foam, dry chemical or carbon dioxide. Keep run-off water out of sewers and water sources.
Specific Hazards Arising from the Chemical	When heated to decomposition will produce irritating fumes.
Special Protective Equipment and Precautions for Fire Fighters	Use water spray to keep fire-exposed containers cool. The following protective equipment for fire fighters is recommended when this material is present in the area of a fire. Liquid-tight chemical protective suit with breathing apparatus.
Hazchem Code	None allocated.

6: Accidental Release Measures

Personal Precautions	Surfaces may be slippery. Increase ventilation. Wear PPE in accordance with section 8. Stop leak if safe to do so. Isolate the spill area. Keep unnecessary personnel away. Clean up immediately to avoid accidents.	
Environmental Precautions	Do NOT allow spilled concentrated product to enter drains, sewers, creeks, dams, rivers or waterways.	
Spills and Disposal	Small Spills Mop or wipe up with a rag or paper towel and dispose of in rubbish. Wash down surface with water.	Large Spills Contain, collect and recycle spilt product if possible otherwise absorb spill with material such as soil, sand, attapulgate, vermiculite. Collect and seal in properly labelled, chemical resistant containers. Wash area with water. Seek disposal options by a licensed waste contractor.

7: Handling and Storage

Precautions for Safe Handling Wash hands after use. Avoid direct contact with product. Use PPE as described in section 8.

Conditions for Safe Storage Always replace lid on container after use. Store in a cool dry place out of direct sunlight and out of reach of children.

8: Exposure Controls – Personal Protection

National Exposure Standards No exposure standard has been established for this product by Safe Work Australia, however, the exposure standard for dust not otherwise specified is 10mg/m³ (for inspirable dust) and 3mg/m³ (for respirable dust).

Engineering Controls Avoid generation of dusts

Individual Protection

Eyes/Face Eye protection

Hands Protective gloves

Skin Long sleeved workwear

Respiratory Dust mask if generation of dusts

9: Physical and Chemical Properties

Appearance	White powder
Odour	Pleasant
pH	11-12 (1% solution)
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Flash Point	Not applicable
Flammability Limits	Not applicable
Boiling Point	No data available
Melting Point	No data available
Specific Gravity	Not applicable
Solubility	Soluble in water

10: Stability and Reactivity

Chemical Stability The product is stable under normal conditions.

Possibility of Hazardous Reaction No hazardous reactions expected when handled in accordance with label directions.

Conditions to Avoid Avoid extreme heat and high temperatures.

Incompatible Materials Strong oxidisers and acids.

Hazardous Decomposition Products No hazardous reactions when stored and handled in accordance to instructions.

11: Toxicological Information

Ingestion	Not considered acutely toxic. Can cause gastric upset if ingested in large amounts. Oral LD ₅₀ (rat): >8000mg/kg (alkaline salts).
Eye	Severe irritation may also occur in the eyes; can be corrosive and cause conjunctival, edema and corneal destruction. Draize test, rabbit, eye: moderate-severe.
Skin	Moderate irritating to the skin. Skin: Rabbit 3.1g/24 hours.
Inhalation	The inhalation of dusts can cause nose and throat irritation or coughing. Repeated or prolonged exposures may cause sore throat or nosebleeds. LD ₅₀ Rat inhalation > 800 mg/m ³ /2 hours.

12: Ecological Information

Ecotoxicity	96 hr LC ₅₀ (Bluegill): 9.2m g/L (product)
Persistence/Degradability	Not expected to persist in the environment. Surfactants are classified as readily biodegradable according to OECD 301 test method.
Bio-accumulative Potential	Has limited potential to bio-accumulate.
Mobility in Soil	Expected to be immobile in soil.

13: Disposal Considerations

Disposal Methods	The most effective way to dispose of product is to use as was originally intended, in accordance with label instructions. If disposal of large volumes of unwanted or excess product is required, either supply to product to someone who can use it in accordance with label instructions or contact your local council and/or state environmental authority for advice. Dispose of in accordance with Local, State and Federal regulations. Drain containers thoroughly and rinse empty containers with water and use the solution in accordance with label instructions. Recycle packaging at an approved collection point or recycling facility.
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14: Transport Information

UN Number	None allocated
Shipping Name	None allocated
Class	None allocated
Subsidiary Risk	None allocated
Packing Group	None allocated
Special Precautions For Users	Ensure all containers are clearly labelled. Keep containers securely sealed and protected against physical damage
Hazchem Code	None allocated
IERG (HB76)	None allocated
AERG Number	None allocated

15: Regulatory Information

Packaging & Labelling	This product is a Scheduled Poison (S5) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act. Defined as a "Non Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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16: Other Information

Prepared By	Brett Amos
Date of Previous Issue	June 2017
Changes Made	Complete GHS review.
References	<p>Australian Dangerous Goods Code.</p> <p>Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice July 2020.</p> <p>Standard for the Uniform Scheduling of Medicines & Poisons (SUSMP).</p> <p>Globally Harmonised System of Classification and Labelling of Chemicals (GHS) (Rev.7 2017)</p>
Contact Person/Point	<p>Australia 24 HOUR EMERGENCY CONTACT</p> <p>Poisons Information Centre 13 11 26</p>
Legal Disclaimer	<p>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.</p>

END OF SAFETY DATA SHEET