



SAFETY DATA SHEET

PRODUCT NAME **LAWN REBORN**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name: Enzyme Gereneration Australia
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Product Name: Lawn Reborn
Product Code: ENZ1
Product Use: Accelerate decomposition of biological wastes in septic tanks, grease traps, effluent treatment systems, etc. It provides instantaneous odour control and can be used as a general-purpose cleaner.
SDS Date: 1st January 2017

2. HAZARDS IDENTIFICATION

GLOBALLY HARMONISED SYSTEM (GHS) CLASSIFICATION

Hazard Classification Not classified as hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

DANGEROUS GOODS CLASSIFICATION

Not classified as a Dangerous Good according to the criteria of the Australian Dangerous Goods Code (ADG Code).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	Content
Surfactants	Mixture	1-<10%
Other non-hazardous ingredients including water	-	to 100%

4. FIRST AID MEASURES

Necessary First Aid measures
Eye contact: Hold eyelids apart and flush continuously with running water for at least 15 minutes. Get medical attention if irritation persists.
Inhalation: Remove victim to fresh air.
Skin contact: Remove contaminated clothing. Wash affected area with soap and water. Wash clothing before reuse.
Ingestion: Rinse mouth with water and give a glass of water to drink. Do not induce vomiting.
First aid facilities: Eye wash station

Medical attention and special treatment Treat symptomatically

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5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Not combustible. Use extinguishing media appropriate to the source of the fire.
Specific hazards	In a major fire, toxic fumes may be produced.
Special protective equipment and precautions for fire fighters	Wear protective clothing appropriate to the source of the fire. Cool containers with water to prevent drums bursting under pressure.

6. ACCIDENTAL RELEASE MEASURES

Precautions, Personal Protective Equipment (PPE) and emergency procedures	Slippery when spilt. Clean up spills immediately to avoid further accidents. Avoid skin and eye contact. In the event of a major spill wear personal protective equipment (PPE) as specified in Section 8
Methods and materials for containment and clean up.	Contain spilled material using sand or earth. Transfer spilled material to suitable containers for reuse or disposal. Transfer contaminated sand or earth to suitable containers for disposal. Suitable containers include polyethylene, PVC, mild steel or polyethylene-lined mild steel. Clearly label all containers. After cleaning up, wash contaminated area thoroughly with water.

7. HANDLING AND STORAGE

Precautions for safe handling	Remove cap slowly in case of build-up of pressure. Avoid eye and skin contact. Wear personal protective equipment (PPE) as specified in Section 8. Wash exposed areas with soap and water immediately after handling and before eating, drinking or smoking.
Conditions for safe storage, including any incompatibilities.	Store in a cool, dry place out of direct sunlight. Keep container closed when not in use.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure standards	None established for this product.
Biological monitoring	None allocated.
Engineering controls	Use in a well-ventilated area.
Individual protection measures and Personal Protective Equipment (PPE)	Eye protection: Wear safety glasses with side shields or chemical goggles. Glove type: Impervious PVC, rubber or nitrile gloves (AS 2161) Clothing: Overalls or long-sleeved shirt and long trousers and closed shoes or safety footwear.



Wash contaminated clothing and other protective equipment before storing or reusing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light brown, viscous liquid
Odour	Sweet, characteristic odour
pH	3 - 8
Vapour Pressure	As for water
Boiling Point	> 100°C
Freezing Point	< 0°C
Solubility in Water	Miscible in all proportions
Specific Gravity	1.0-1.1
Viscosity	10-50 cPs (Brookfield)
Flash Point	Not relevant

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions of storage and handling.
Chemical stability	Stable under normal conditions of storage and handling.
Conditions to avoid	Avoid high temperatures (> 70°C)
Incompatible materials	Strong acids, alkalis and strong oxidising agents.
Hazardous reactions	None known.
Hazardous decomposition products	May emit toxic or irritating fumes if heated above its boiling point.

11. TOXICOLOGICAL INFORMATION

Health hazard summary	No adverse health effects are expected if the product is handled in accordance with the label and this safety data sheet.
Inhalation	Not volatile. Mist or aerosol may be irritating to upper respiratory tract.
Ingestion	May cause irritation of the gastrointestinal tract and nausea and diarrhoea if ingested in large amounts.
Skin	Has a degreasing action on skin. Prolonged or repeated contact with the undiluted product may cause irritation or dermatitis in some sensitive individuals.
Eye	May cause mild discomfort.
Toxicity Data	Practically non-toxic. Acute oral LD50: >20g/kg (based on ingredients).

12. ECOLOGICAL INFORMATION

Persistence and degradability	Readily biodegradable according to AS4351 Part 2 Test Protocol. Not likely to persist in soil or water due to rapid decomposition.
Bioaccumulative potential	None.
Soil Mobility	No data available for this product.
Other adverse effects	None known.

13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods	Suitable for disposal at approved waste site.
Disposal of packaging	Empty packaging should be recycled/reconditioned at an approved facility.
Environmental regulations	Dispose of in accordance with applicable local and national regulations. Contact a specialist waste company or local regulator for advice.

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14. TRANSPORT INFORMATION

Road and Rail Transport	Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road and rail.
Marine Transport	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Marine Pollutant	No.
Air Transport	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulation for transport by air.

15. REGULATORY INFORMATION

Regulatory Information:	All ingredients used in this product are listed in the Australian Inventory of Chemical Substances (AICS).
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16. OTHER INFORMATION

Contact Person/Point:	The Manager, Enzyme Generation Australia
Telephone Number:	+61 (0) 1300 097 725
Advice to the User:	It should be noted that the effects from exposure to this product depend on several factors including frequency and duration of use, the amount used, control measures adopted, protective equipment used and method of use. It is impractical to prepare a data sheet that encompasses all possible situations; therefore, it is anticipated that users will assess the risks and apply control methods as appropriate. We believe this information to be accurate and reliable. However, it is the responsibility of each user to manage the work environment in such a manner as to ensure safe operating conditions.
Status:	This document is based on the best available information at the time of issue concerning the product and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions. All due care has been taken to include accurate and up to date information. No warranty as to accuracy or completeness is provided. World Enzymes Australia accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any any person as a consequence of reliance on the information contained in this Safety Data Sheet. Further clarification regarding this product should be obtained from the manufacturer.

End of Report