

Safety Data Sheet



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This product has been assessed and has not been classified as either a hazardous substance or dangerous goods according to the:

- NOHSC Approved criteria for classifying Hazardous substances [NOHSC(1008:2004)]
- Australian Code for the Transport of Dangerous goods by Road and Rail

1. IDENTIFICATION OF THE MATERIAL AND MANUFACTURER

Product Name:	Ecosystem Plus®
Intended Use:	Municipal Wastewater Treatment
Details of Company:	EcoCatalysts Pty Ltd Unit 3 218 Leitchs Rd Brendale Qld 4500 Ph: +61 7 3205 4625
Emergency Contact:	+61 7 3205 4625
UN NUMBER:	N/A
D.G. CLASS:	N/A
SUBSIDIARY RISK:	NONE
HAZCHEM CODE:	N/A
PACKAGING GROUP:	N/A
POISONS SCHEDULE:	N/A

2. HAZARDS IDENTIFICATION

NON HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

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DANGER CLASSIFICATION	None
RISK PHRASES	None
"P" PHRASES	None

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health hazard within the meaning of the chemicals (Hazard Information & Packaging) Regulations 1993.

Substance Name: None presenting a hazard

4. FIRST AID MEASURES

GENERAL	Wash well after use.
ON INHALATION	None
ON EYE CONTACT	Wash with copious amounts of water.
ON SKIN CONTACT	Wash with soap and water.
ON INGESTION	Should any symptoms occur, seek medical attention.

5. FIRE FIGHTING MEASURES

<u>EXTINGUISHING MEDIA</u>	
RECOMMENDED	None
NOT TO BE USED	None
SPECIAL INSTRUCTIONS FOR FIRE FIGHTING PERSONNEL	None

6. ACCIDENTAL RELEASE MEASURES

SPILLS AND DISPOSAL: Flush away with copious amounts of water.

7. HANDLING AND STORAGE

HANDLING	General good work practices
STORAGE	5, 20, 200 and 1000 litre containers in either metal or plastic. Store below 45°C as higher storage temperatures reduce the effectiveness of the product. Should not be stored close to caustics or strong bases.

KEEP OUT OF REACH OF CHILDREN

The information contained in this SDS is specific to the product when handled and used neat. This product

when diluted may be classified as non-hazardous and may not require the same control measures as the neat product. Check with your technical representative if in doubt.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL PROTECTION	Good industrial practices of hygiene and care.
RESPIRATORY PROTECTION	None
HAND PROTECTION	None
EYE PROTECTION	None
SKIN PROTECTION	None

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Brown liquid
FLASH POINT	None
VISCOSITY	2000 cps
SPECIFIC GRAVITY	1.05 Weight/Volume
VAPOR DENSITY	None
LOWER EXPLOSION LIMIT	None
pH (Neat)	4.5
SOLUBILITY IN WATER	100% in water

10. STABILITY AND REACTIVITY

NO KNOWN REACTION TO OCCUR	
Conditions to avoid	Temperatures above 45°C.
	pH below 3.5 and above 9.5 will affect the quality and condition of the product.
	Caustics and strong bases will affect the quality and condition of the product.

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11. TOXICOLOGICAL INFORMATION

N/A

Substances presenting a health hazard within the meaning of the chemicals (Hazard Information & Packaging) Regulations 1993.

Substance Name: None presenting a hazard

ORAL	LD50 – Levels of 5,000 mg/kg: No effects
OCULAR	Primary Ocular-Albino Rabbits-Levels of 1,000 mg/kg for 24 hours: No effects; Non Toxic; “No Warning Required”
ACUTE TOXICITY	LC50-Level of 10,000 mg/kg: No effects after 168 hours; Non Toxic; “No Warning Required”
SKIN TESTS	Draize Test-Dermal score of .38; Non Irritant; “No Warning Required”. Repeated Insult Patch – No indication of irritation or sensitisation; Non Irritant; “No Warning Required”
INHALATION TESTS	Results. No possibility of Irritation; Non Irritant; “No Warning Required”.
LONG TERM STUDIES	No recorded side effects since 1971.

12. ECOLOGICAL INFORMATION

This is a totally safe and efficient biocatalytic degrader of waste organic materials. The product causes contaminants and other organic matter to eventually biodegrade, thus returning to carbon dioxide and water. When disposed of in sewage and drainage systems, the product aids in the breaking down of pollutants such as oil.

13. DISPOSAL CONSIDERATIONS

Flush down sewage or drainage systems with copious amounts of water. Dispose of drum at a suitable site.

ALWAYS DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

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14. TRANSPORT INFORMATION

DOMESTIC ROAD/RAIL	Unrestricted
SEA	Unrestricted
AIR	Unrestricted
INTERNATIONAL ROAD/RAIL	Unrestricted
“ in accordance with national and local laws and practices”	

15. REGULATORY INFORMATION

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The product is classified and labelled for supply in accordance with the chemicals (hazard information and packaging) regulations as follows:

DANGER CLASSIFICATIONS	In accordance with the chemicals (hazard information and packaging) regulations, this is not applicable.
CONTAINS	None
RISK PHRASES	None
SAFETY PHRASES	Keep out of reach of children. Keep container tightly closed.
“P” PHRASES	None

The information contained in this Safety data Sheet does not constitute the user’s own assessment of the workplace risks as required by other health and safety legislation.

16. OTHER INFORMATION

SDS Creation Date: 1 March 2020 Issue Number: 007
Customer Service: 1800 207 009 (This Issue Number replaces all previous issues)
Australian Poisons Info Centre: 13 11 26

The product should not be used for purposes other than shown in Section 1 without first referring to the supplier and obtaining written instructions. As specific conditions of use of the product are outside of the suppliers’ control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with. The information in this Safety Data Sheet is base on the present knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as a guarantee of technical performance or suitability for particular applications. This SDS will be revised and updated as requirements occur. Should further information and relevant advice be required, contact EcoCatalysts Pty Ltd.