

Safety Data Sheet

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Issue date: January 2023

EcoHeavy

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: EcoHeavy

Use: All-purpose bio-degradable cleaner and degreaser

ECOTOTAL

27 McIntyre Way

KENWICK WA 6107

tel: 1300 732 313

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Health/Environmental Hazards

None

Physical hazards

2.2. Label elements

Symbols/Pictograms None

Signal word None

Hazard statements None

Precautionary statements None

Road Transport (ADR/RID)

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Emergency information(Transport):

Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:2010)

For **LOW TO MODERATE HAZARD SUBSTANCES**, Guide No: 47

Poison Schedule: None allocated [Aust]

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
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All ingredients not hazardous according to SAFE WORK AUSTRALIA Criteria.

4. FIRST AID MEASURES

Swallowed:

If swallowed, **DO NOT** induce vomiting. If conscious, give 1 to 2 glasses of water to drink. If irritation persists transport to hospital or doctor.

Eye:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

Skin:

Not anticipated to cause any harm by skin contact.

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4. FIRST AID MEASURES (Continued)

Inhaled:

Not anticipated to cause inhalation distress.

First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor:

Treat symptomatically.

For advice, contact Poisons Information Centre

In Australia call Tel: 13 11 26

In New Zealand Tel: 034747000

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Suitable Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

Hazards From Combustion Products: Primary decomposition products include oxides of carbon and small quantities of noxious smoke.

Precautions for Fire Fighters and Special Protective Equipment: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

HAZCHEM CODE: None allocated [Aust]

FLAMMABILITY

This product is not considered flammable.

Flash Point: Not flammable.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Extinguish and sources of ignition. Low hazard product, use common sense in handling situation.

Methods and Materials for Containment and Clean Up Procedures:

This is an environmentally responsible cleaning product, if spilt, use cleaning rags to soak up, then use these rags for cleaning purposes. For large spills, throw absorbent, allow to absorb, then scoop or shovel up and place into a suitably labelled container for disposal. Any remainder can be flushed to with plenty of water.

Emergency information(Transport):

Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:2010)

For **LOW TO MODERATE HAZARD SUBSTANCES**, Guide No: 47

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Low hazard product, it is recommended that good ventilation be employed. For further information please refer to the Engineering Controls of this SDS.

Conditions for Safe Storage:

Keep containers closed, when not using the product. Store in original packages as approved by manufacturer. **DO NOT FREEZE.**

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

There are no exposure standards for this product or any of the ingredients.

Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.

Personal Protection Equipment

GLOVES: Not required.

EYES: Spectacles with side shields to protect eyes.

RESPIRATORY PROTECTION: The use of a respirator is not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to slightly hazy liquid with a mild odour.
Boiling Point:	Not available.
Vapour Pressure:	Not available.
Specific Gravity:	0.99 - 1.01
Flash Point:	Not applicable, water content interferes with flash point.
Flammability Limits:	Not applicable.
Solubility in Water:	Completely soluble.

Other Properties

pH: 8.0 - 10.0

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:

Stable under normal conditions of use.

CONDITIONS TO AVOID:

DO NOT FREEZE.

INCOMPATIBLE MATERIALS:

Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Decomposes on heating emitting oxides of carbon and noxious smoke.

HAZARDOUS REACTIONS:

Will not occur.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE HEALTH EFFECTS:

Swallowed:

Taste will prevent more than a mouthful being swallowed. NOT CONSIDERED TO BE HAZARDOUS!!!

Eye:

May cause TEMPORARY irritation to the eyes. This will disappear upon flushing with water as described under section 4 (First Aid) of this SDS.

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Skin:

Not anticipated to cause irritation.

11. TOXICOLOGICAL INFORMATION (Continued)

Inhaled:

Not anticipated to cause irritation, based upon the low vapour pressure of the product.

Chronic:

Not anticipated to cause any long term injury.

12. ECOLOGICAL INFORMATION

This product is considered to be of low environmental impact.

13. DISPOSAL CONSIDERATIONS

EcoHeavy can be used for a multitude of cleaning purposes and we recommend for good product stewardship that you contact our friendly team at ECOTOTAL for disposal or reuse opportunities.

14. TRANSPORT INFORMATION

Road Transport (ADR/RID)

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Air Transport (ICAO/IATA)

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Sea Transport (IMDG)

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

15. REGULATORY INFORMATION

Poison Schedule: None allocated [Aust]

Inventory

Australia (AICS)

Status:

Y

Europe (EINECS/ELINCS)

Y

Y = all ingredients are on the inventory.

EU Label: None allocated

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16. OTHER INFORMATION

Date of Preparation:

Issue date: January 09, 2023

Supersedes: November 07, 2017

Reasons for Update:

1. SDS made compliant with GHS requirements.

Key Legend Information:

NOHSC - National Occupational Health & Safety Commission {Formerly Worksafe}[Aust]

ASCC - Australian Safety and Compensation Council [Aust]

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons [Aust]

TWA - Time Weighted Average [Int]

STEL - Short Term Exposure Limit [Int]

AICS - Australian Inventory of Chemical Substances

Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:2010) [Aust]

EPA - Environmental Protection Agency [Int]

NIOSH - National Institute for Occupational Safety and Health [US]

GHS - Globally Harmonized System [Int]

AS/NZS 1715 - Selection, use and maintenance of respiratory protective devices. [Aust/NZ]

Hazchem Code - Fire fighters designation [Aust]

ADG Code - Australian Dangerous Goods Code [Aust/Int]

IATA - International Aviation Transport Authority [Int]

ICAO - International Civil Aviation Organization [Int]

IMO - International Maritime Organisation. [Int]

IMDG - International Maritime Dangerous Goods [Int]

United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the classification and labeling of Chemicals. [Int]

EINECS - European Inventory of Existing Commercial Chemical Substances. [Int]

ELINCS - European List of Notified Chemical Substances. [Int]

EU - European Union [Int]

ADR/RID - European Road & Rail Transport Union - [Int]

EU Directives: The classification criteria used, are adopted from the European Community's (EC) legislation for classifying dangerous substances. The criteria are taken from:

EC Council Directive 67/548/EEC

EC Council Directive 1999/45/EC

[Aust/NZ] = Australian New Zealand

[Int] = International

[US] = United States of America

Principal References:

Information supplied by manufacturer, reference sources including the public domain.

END OF MSDS