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MATERIAL SAFETY DATA SHEET

Green Laundry Powder Front Loading



1. Product & Company Identification

1.1. Identification of the substance or preparation

Synonyms: Eco Laundry Powder Front Loading

1.2. Use of the Substance/Preparation

Recommended use: For washing clothes.

1.3. Company/Undertaking Identification

Mailing Address P.O. Box 8002, East Brighton, VIC, 3166

1.4. Emergency and contact telephone numbers

Emergency telephone: 03 8506 4646

Contact telephone number: 03 8506 4646 (Product information)

2. Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS No</u>	<u>Proportion</u>	<u>Hazardous</u>
Sodium Carbonate	497-19-8	medium	Y
Sodium Percarbonate	15630-89-4	medium	Y
Sodium Tetraborate Pentahydrate	12179-04-3	low	Y
Sodium Metasilicate	6834-92-0	low	Y
Lipase Enzyme	9001-62-1	low	Y
Alpha Amylase	9000-90-2	low	Y
Protease Enzyme	9014-01-1	low	Y
Low <= 10%	Medium 10% - 40%	High > 40%	

3. Hazardous Identification

Non-Dangerous Goods according to the criteria of the Australian Dangerous Goods Code (ADG Code)

The substance is not hazardous according to the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)] 3rd Edition.

4. First Aid

Inhalation: Remove to fresh air. Seek medical advice if symptoms persist.

Ingestion: Rinse mouth with water. Give plenty of water to drink. Do NOT induce vomiting. If symptoms develop, seek medical advice.

Skin Contact: A skin irritant. Remove contaminated clothing. Wash affected area with plenty of water. If irritation persists, seek medical attention.

Eye Contact: Immediately flush eyes with plenty of water while holding eyelids open. It is advisable to seek medical attention if irritation persists.

5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special hazards arising from the substance or mixture: None

Advice for fire fighters

Special protective equipment for fire fighters: In the event of fire, wear self-contained breathing apparatus.



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6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions: Use appropriate personal protective equipment if skin or eye contact is likely.

Environmental precautions: None necessary

Methods and materials for containment and cleaning up

Methods for clean up: Keep in suitable, closed containers for disposal. Sweep/vacuum into labelled containers.

7. Handling & Storage

Precautions for safe handling

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Store in original container. Keep container tightly closed in a dry, cool and well-ventilated place.

Advice on common storage: No special restrictions on storage with other products.

Other data: No decomposition if stored and applied as directed. Do not store in areas where temperatures are likely get high as the shelf life of the product will decrease.

8. Exposure Controls & Personal Protection

General: No exposure standard established for this product by Australian Safety & Compensation Council (ASCC)

Exposure Limits: No Data Available.

Biological Limits: No information available on biological limit values for this product.

Engineering Measures: No special engineering measures necessary.

Personal Protection Equipment

EYES: Chemical splash goggles if eye contact may occur.

HANDS: Wear gloves if contact is likely.

CLOTHING: None necessary.

Work Hygienic Practices: None necessary.

9. Physical & Chemical Properties

Appearance: free flowing powder

Colour: coloured specks

Odour: pleasant

Flash point: no data available

Ignition temperature: no data available

Lower explosion limit: no data available

Upper explosion limit: no data available

Flammability (solid, gas): not flammable

Oxidizing properties: no data available

Auto-ignition temperature: no data available

pH: 9 (10% In water)

Melting point: <0 °C

Boiling point: > 100 °C

Vapour pressure: no data available

Density: no data available

Water solubility: soluble



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10. Stability & Reactivity

Chemical Stability: Product is stable under normal conditions of use, storage and temperature.

Conditions to Avoid: Avoid excessive heat, direct sunlight, moisture, freezing, static charges and high temperatures.

Materials to Avoid: No incompatible materials if used only for intended purpose.

Hazardous Decomposition Products: No decomposition if used according to specifications.

Hazardous Polymerisation: Hazardous Polymerisation has not been reported.

11. Toxicological Information

Eye Irritant: Mild reversible eye irritation may occur based on relevant laboratory studies. This irritation is reduced by immediate rinsing of eyes with water. Reversible blurred vision may occur.

Ingestion: Low toxicity. Large dose ingestion may result in nausea, vomiting and reversible gastrointestinal irritation.

Inhalation: Irritant.

Skin Irritant: Irritant.

12. Ecological Information

Readily and rapidly degradable. All organic substances contained in the product achieve >60% BOD/COD or CO₂ liberation, or >70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' are reached. The surfactant contained in this product complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Persistence/Degradability: Mobility Infinitely Soluble in water.

Environmental Fate: Do NOT allow product to reach waterways, drains, and sewers.

Bioaccumulation Potential: No information available on bioaccumulation for this product.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Special precautions for user: Not classified as dangerous in the meaning of transport regulations.

Proper Shipping Name:

Class: No Data Available

Subsidiary Risk(s): No Data Available

UN Number: No Data Available

Hazchem: No Data Available

Pack Group: No Data Available

15. Regulatory Information

No regulatory information applicable.

16. Other Information

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Poisons Information Centres

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All States: 131126

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