

Safety Data Sheet

SimplyClean® Australian Lemon Myrtle Dishwasher Powder SimplyClean Australia

Issue Date: November 2021

Valid to: November 2022


SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Trade Name:	SimplyClean® Australian Lemon Myrtle Dishwasher Powder
Synonyms:	NA
Chemical Formula:	NA
CAS Number:	NA
Product Uses:	Machine dishwashing and sanitising.
Supplier/Manufacturer:	SimplyClean Australia
Address:	7/7/ Snow St, South Lismore, NSW 2480
Telephone:	02 6622 8733
Email:	support@simplyclean.com.au
Website:	www.simplyclean.com.au
Emergency Telephone:	13 11 26 (Poisons Information Centre)

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification:	Product as sold	Product at USE DILUTION
	Eye damage (Category 1) Single target organ toxicity (Category 3)	Non-hazardous.

LABELLING ELEMENTS:

	Product as sold	Product at USE DILUTION
Signal Word:	Danger	None allocated.
Pictogram(s):		Non-hazardous.
Hazard Statements(s)	H318 Causes serious eye damage. H335 May cause respiratory irritation.	None allocated.
Precautionary Statement(s):	Prevention P261 Avoid breathing dust.	None allocated.

Safety Data Sheet

SimplyClean® Australian Lemon Myrtle Dishwasher Powder SimplyClean Australia

Issue Date: November 2021

Valid to: November 2022

	<p>P271 Use only in a well ventilated area.</p> <p>P280 Wear eye protection.</p> <p>Response</p> <p>P304 + P340 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTRE (13 11 26) or doctor.</p>	
Storage:	<p>P403 + P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p>	None allocated.
Disposal:	<p>P501 Dispose of contents/container to an approved waste disposal plant.</p>	None allocated.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	CAS No.s	Percentage (w/w)	Classification
Sodium metasilicate pentahydrate	10213-79-3	< 10%	H314 + H335
Sodium carbonate	497-19-8	40 – 60%	H318 + H335
Sodium percarbonate	16630-89-4	< 10%	H272 + H402 + H318
Lemon myrtle oil and other ingredients determined to be non hazardous or below concentration cut offs		< 30%	

SECTION 4: FIRST AID MEASURES

Safety Data Sheet

SimplyClean®
Australian Lemon Myrtle
Dishwasher Powder
SimplyClean Australia

Issue Date: November 2021

Valid to: November 2022

First Aid Facilities:	Normal washroom facilities. Emergency eye wash an advantage.
Eye Contact:	Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Avoid rinse water entering uncontaminated eye. Seek medical advice (e.g. ophthalmologist) if there are ongoing symptoms.
Skin Contact:	Remove contaminated clothing. Wash affected skin with plenty of water. Seek medical advice if irritation, burning or redness develops.
Inhalation:	Remove victim to fresh air away from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position, keep warm and at rest. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a facemask. Seek medical attention.
Ingestion:	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. If conscious, rinse mouth thoroughly with water and give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice.
Advice to Doctor:	No specific antidote. Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.
Scheduled Poisons:	Poisons Information Centre in each Australian State capital city can provide additional assistance for scheduled poisons. Phone Australia 13 11 26.

SECTION 5: FIRE FIGHTING MEASURES

Fire and Explosion Hazard:	Non-combustible. However, if involved in a fire, will emit toxic fumes.
Extinguishing Media:	Use fine water spray, normal foam or dry agent extinguisher (carbon dioxide or dry chemical powder).

Safety Data Sheet

SimplyClean® Australian Lemon Myrtle Dishwasher Powder SimplyClean Australia

Issue Date: November 2021

Valid to: November 2022

Fire Fighting:	Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area - move upwind of fire.
Flash Point:	None.
Hazchem Code:	None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Minor Spills:	Collect spills, avoiding generation of dust. Rinse area with water.
Major Spills:	For example transport accident or bulk spill. Clear area of unprotected personnel. Work up wind or increase ventilation. Prevent spillage from entering drains or watercourses. Wear appropriate protective equipment (see section 8) to prevent skin and eye contamination. Spilt material should be shovelled up and placed into suitable containers, appropriately labeled, for disposal by an approved agent according to local conditions. Spillage area may remain slippery. Flush spill area with excess water. Consider neutralisation with weak acid if required. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.
PPE:	Personal protective equipment advice is contained in Section 8 of this document.

SECTION 7: HANDLING AND STORAGE

Handling:	Avoid eye contact. Do not eat, drink or smoke when handling product. Keep out of reach of children. Always wash hands with water after handling.
Storage:	Store in a cool, dry, place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (see Section 10). Keep containers closed

Safety Data Sheet

SimplyClean®
Australian Lemon Myrtle
Dishwasher Powder
 SimplyClean Australia

Issue Date: November 2021

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	at all times when not in use. Check regularly for leaks or damage.
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SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: None established for this product. However the exposure standard for dust, not otherwise specified, is 10mg/m³ (inspirable dust) and 3mg/m³ (respirable dust).

Ingredient	TWA	STEL	DNEL
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	Product as sold	Product at USE DILUTION
Personal Protection:	Use good occupational work practice. Product is a dishwasher powder and a scoop is provided; protective clothing is not required under normal conditions of use.	None required.
Engineering Controls:	Ensure ventilation is adequate. Avoid generating dusts of the product.	None required.
Eye and Face Protection:	Safety glasses or chemical goggles to handle in quantity.	None required.
Hand and Skin Protection:	None required under normal conditions of use. Wear gloves when handling large quantities.	None required.
Inhalation Protection:	Not normally required under normal use conditions. Where a dust inhalation risk exists wear a filter/apparatus that meets AS/NZS 1715 and AS/NZS 1716. For emergencies, including instances where exposure levels are not known, use full-face positive pressure air-supplied respirator.	None required.

Safety Data Sheet

SimplyClean® Australian Lemon Myrtle Dishwasher Powder SimplyClean Australia

Issue Date: November 2021

Valid to: November 2022

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White crystalline powder		
Odour:	Lemon myrtle	Vapour Pressure:	Not available
Odour Threshold:	Not available	Relative Vapour Density:	Not available
pH:	<11.5 at 1% solution	Relative Density (Water=1):	Not available
Melting Point:	Not available	Water Solubility:	Miscible in all portions
Boiling Point:	Not available	Partition Coefficient n-Octanol/Water	Not available
Flash Point:	Not available	Auto-ignition Temperature	Not available
Evaporation Rate:	Not available	Decomposition Temperature	Not available
Flammability:	Not flammable	Viscosity	Not available
Upper/Lower Flammability:	Not available		

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Reacts vigorously with acids, yielding heat and pressure that can burst a closed container. Reacts slowly with air, absorbing carbon dioxide, which may cause insoluble salts to form in solutions of the product.
Chemical Stability:	Stable under normal conditions of storage and handling. Contamination of product and exposure to heat and light will accelerate decomposition.
Possibility of Hazardous Reactions:	None known.
Conditions to Avoid:	Avoid contact with incompatible materials and storage in metal

Safety Data Sheet

SimplyClean® Australian Lemon Myrtle Dishwasher Powder SimplyClean Australia

Issue Date: November 2021

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	containers.
Incompatible Materials:	Acids, amines, ammonium salts, aziridine, methanol and phenyl acetonitrile. Reacts with metal salts and reducing agents.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhaled:	Breathing in dusts may result in sore throat, cough, shortness of breath and irritation in the respiratory tract.
Skin Contact:	Not problematic under normal use conditions.
Eye Contact:	Corrosive to eyes. Contact can cause corneal burns with possible risk of serious damage to eyes.
Ingestion:	Swallowing may result in nausea, vomiting, diarrhoea, and irritation of the gastrointestinal tract.
Acute Toxicity:	Not toxic by calculation. No LD50 data available for this product. For active constituent, sodium carbonate (at 100%): Oral LD50 (rat) - 4090mg/kg For active constituent, sodium metasilicate pentahydrate (at 100%): Oral LD50 (rat) - 847mg/kg For active constituent, sodium percarbonate (at 88%): Oral LD50 (rat) - 1034mg/kg
Chronic:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Not toxic to aquatic life by calculation. Avoid contaminating water-ways as the product is alkaline. If large spills occur and are not neutralised, a water pH rise could be responsible for an environmental effect on aquatic organisms (pH > 9 can have an effect on fish, with possible fish death and pH > 8.5 can be destroying for algae). No LC50 data available for this product. For constituent, sodium carbonate (at 100%): LC50 (Pimephales promelas (fathead minnow)) - 400mg/litre. For constituent, sodium metasilicate pentahydrate (at 100%):
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Safety Data Sheet

SimplyClean® Australian Lemon Myrtle Dishwasher Powder SimplyClean Australia

Issue Date: November 2021

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	LC50 (<i>Gambusia affinis</i>) – 2320mg/litre - 96 h. For constituent, sodium tripolyphosphate (at >94%): EC50 (bacteria) > 1000mg/litre – 48h. For constituent, sodium percarbonate (at 88%): LC50 (<i>Pimephales promelas</i> (fathead minnow)) – 70.7mg/litre - 96 h. For minor constituent, alkoxylated alcohol (at >60%): LC50 (fish) – 0.65-1.05 mg/litre – 96h. Long term effect: No data available.
Persistence and Degradability:	Individual components stated to be biodegradable.
Bioaccumulative Potential:	Bioaccumulation is not expected.
Mobility in Soil:	Not known.
Other Adverse Affects:	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods:	Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.
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SECTION 14: TRANSPORT INFORMATION

ADG Code Classification:	Not a dangerous good.
UN No.:	NA
Proper Shipping Name:	NA
Transport Hazard Class:	NA
Packing Group:	NA
Hazchem Code:	NA
Environmental Hazards for Transport:	NA

SECTION 15: REGULATORY INFORMATION

Safety Data Sheet

SimplyClean®
Australian Lemon Myrtle
Dishwasher Powder
SimplyClean Australia

Issue Date: November 2021

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SUSMP (Poison Schedule):	Not a scheduled poison.
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SECTION 16: OTHER INFORMATION

Acronyms:	<p>ADG – Australian Code for the Transport of Dangerous Goods by Road and Rail.</p> <p>AICS – Australian Inventory of Chemical Substances.</p> <p>CAS No. – Chemical Abstract Service Number used to uniquely identify chemical compounds.</p> <p>GHS – Globally Harmonised System.</p> <p>HAZCHEM – An emergency action code that gives information to emergency services during transport emergencies.</p> <p>IARC – International Agency for Research on Cancer.</p> <p>LD50 – Lethal Dose, 50%/median Lethal Dose.</p> <p>Mg/m³ – Milligrams per cubic metre.</p> <p>PPM – Parts per million.</p> <p>STEL – Short Term Exposure Limit.</p> <p>STOT – SE/RE – Specific Target Organ Toxicity (single/repeated exposure).</p> <p>SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p>TWA/OEL – Time Weighted Average or Occupational Exposure limit.</p>
Literature References:	<p>Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7th Edition.</p> <p>Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice. December 2011 – Safe Work Australia.</p> <p>GHS Hazardous Chemical Information List - September 2014 – Safe Work Australia.</p> <p>Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012 - Safe Work Australia.</p> <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition.</p> <p>List of Designated Hazardous Substances [NOHSC:10005(1999)]</p> <p>Standard for the Uniform Scheduling of Medicines and Poisons.</p>

Safety Data Sheet

SimplyClean®
Australian Lemon Myrtle
Dishwasher Powder
SimplyClean Australia

Issue Date: November 2021

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	June 2016. Material Safety Data Sheets for individual raw materials – all suppliers. Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(1999)].
Revision History:	V1.0 Initial SDS for GHS compliance. 1.6.19 V1.1 Product name change. 15.11.21 V1.2 Extension for GHS7 transition.
Prepared By:	Regulatory Manager.

END OF SDS