

Safety Data Sheet

PureClean® Lemon Myrtle Laundry Powder Mountain Cleaning Products

Issue Date: Sept 2022

Valid to: Jan 2023



SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Trade Name:	PureClean® Lemon Myrtle Laundry Powder
Synonyms:	NA
Chemical Formula:	NA
CAS Number:	NA
Product Uses:	Laundry detergent.
Supplier/Manufacturer:	Mountain Cleaning Products
Address:	7/7/ Snow St, South Lismore, NSW 2480
Telephone:	02 6622 8733
Fax:	02 6622 8744
Email:	support@mountaincleaning.com.au
Website:	www.mountaincleaning.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):	  Corrosive (eyes) Health hazards	Non-hazardous.
Hazard Statement(s)	H318 Causes serious eye damage. H335 May cause respiratory irritation.	None allocated.
Precautionary Statement(s):	Prevention P261 Avoid breathing dust.	None allocated.

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	<p>P271 Use only in a well ventilated area. P280 Wear eye protection.</p> <p>Response P304 + P340 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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. 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	> 60%	H318 + H335
Lemon myrtle oil and other ingredients determined to be non hazardous or below concentration cut offs		< 40%	

SECTION 4: FIRST AID MEASURES

First Aid Facilities:	Normal washroom facilities and emergency eye wash.
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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 for chemical burns. 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 extinguishing media suitable for surrounding fires e.g. fine water spray, normal foam or dry agent extinguisher (carbon dioxide or dry chemical powder).
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.

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	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. 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 and breathing in dusts. 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 at all times when not in use. Check regularly for leaks or damage.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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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
	Product as sold	Product at USE DILUTION	
Personal Protection:	Use good occupational work practice. Product is a laundry powder and 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.	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.	

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:	11.0-11.5 at 1%	Relative Density:	Not available

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	solution	(Water=1):	
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	Solid
Upper/Lower Flammability:	Not available		

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Low.
Chemical Stability:	Stable under normal conditions of storage and handling.
Possibility of Hazardous Reactions:	Product can decompose on combustion to form carbon monoxide, carbon dioxide and other, possibly toxic gases.
Conditions to Avoid:	Avoid contact with incompatible materials and contact with heat or heat sources.
Incompatible Materials:	Reducing agents, oxidizing agents, acids, bases, salts of heavy metals, organic substances and flammable substances.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhaled:	Breathing in dusts may result in sore throat, cough, shortness of breath and irritation in the respiratory tract. Inhalation of granules will result in respiratory irritation and possibly harmful effects including nosebleeds and bronchitis.
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

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	For active constituent, sodium metasilicate pentahydrate (at 100%): Oral LD50 (rat) - 847mg/kg
Chronic:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	<p>Product as sold: Acute aquatic toxicity (Category 3). Harmful to aquatic life.</p> <p>Product at USE DILUTION: Not toxic by calculation.</p> <p>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).</p> <p>No specific LC50 data available for this product.</p> <p>For active constituent, sodium carbonate (at 100%): LC50 (Pimephales promelas (fathead minnow)) – 400mg/litre.</p> <p>For active constituent, sodium metasilicate pentahydrate (at 100%): LC50 (Gambusia affinis) – 2320mg/litre - 96 h.</p> <p>For active constituent, sodium tripolyphosphate (at >94%): EC50 (bacteria) > 1000mg/litre – 48h.</p> <p>Long term effect: No data available.</p>
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

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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

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

Acronyms:	ADG – Australian Code for the Transport of Dangerous Goods by Road and Rail. AICS – Australian Inventory of Chemical Substances. CAS No. – Chemical Abstract Service Number used to uniquely identify chemical compounds. GHS – Globally Harmonised System. HAZCHEM – An emergency action code that gives information to emergency services during transport emergencies. IARC – International Agency for Research on Cancer. LD50 – Lethal Dose, 50%/median Lethal Dose. Mg/m ³ – Milligrams per cubic metre. PPM – Parts per million. STEL – Short Term Exposure Limit. STOT – SE/RE – Specific Target Organ Toxicity (single/repeated exposure). SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons. TWA/OEL – Time Weighted Average or Occupational Exposure limit.
Literature References:	Australian Code for the Transport of Dangerous Goods by Road & Rail – Ed.7.7, 2020. Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice. July 2020 – Safe Work Australia.

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	Global Harmonized System of Classification and Labelling of Chemicals (GHS). Seventh revised edition. Standard for the Uniform Scheduling of Medicines and Poisons. June 2021. Safety Data Sheets for individual raw materials – all suppliers.
Revision History:	Rev 1.0 Initial SDS for GHS compliance. Rev 1.1 Extension for GHS7 transition. Rev 1.2 Extension for GHS7 transition.
Prepared By:	Mountain Cleaning Products Regulatory Service.

END OF SDS