

# Safety Data Sheet

## PureClean® Commercial Laundry Liquid Mountain Cleaning Products

Issue Date: February 2023

Valid to: February 2028


### SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Trade Name:	PureClean® Commercial Laundry Liquid
Synonyms:	NA
Chemical Formula:	NA
CAS Number:	NA
Product Uses:	Heavy-duty laundry detergent.
Supplier/Manufacturer:	Mountain Cleaning Products
Address:	173 Wilson St, South Lismore, NSW 2480
Telephone:	02 6622 8733
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
	Skin irritation (Category 2) Eye damage (Category 1)	Non-hazardous.

### LABELLING ELEMENTS:

	Product as sold	Product at USE DILUTION
Signal Word:	Danger	None allocated.
Pictogram(s):	 Corrosive (to eyes)	Non-hazardous.
Hazard Statements(s)	H315 Causes skin irritation. H318 Causes serious eye damage.	None allocated.

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Precautionary Statement(s):	<b>Prevention</b> P264 Wash hands thoroughly after handling. P280 Wear protective gloves and eye protection.  <b>Response</b> P302 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water. P362 Take off contaminated clothing and wash before reuse. 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. P321 Specific treatment, see First Aid Measures on this Safety Data Sheet. P332 + P313 If skin irritation occurs: Get medical advice/attention.	None allocated.
Storage:	None allocated.	None allocated.
Disposal:	None allocated.	None allocated.
SUSMP (Poison Schedule):	S5 (Caution)	

### SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	CAS No.s	Percentage (w/w)	Classification
Water	7732-18-5	40 - 60%	
Sodium hydroxide	1300-72-7	< 10%	H314
Triethanolamine sulphonate	27323-41-7	10 – 30%	H302 + H315 + H318

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Other ingredients determined to be non hazardous or below concentration cut offs		10 – 30%	
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### SECTION 4: FIRST AID MEASURES

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First Aid Facilities:	Normal washroom facilities.
Eye Contact:	Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Remove contact lenses if possible to do so, as contact lenses (especially soft lenses) can concentrate irritants. Prevent flushing fluid from reaching uncontaminated eye. Seek medical advice (e.g. ophthalmologist) if irritation, burning or redness occurs.
Skin Contact:	Wash affected skin with plenty of water. Remove contaminated clothing and wash before reuse. 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. Seek medical attention if necessary.
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. Treatments should be based on observed signs and symptoms 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

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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 fine water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area and move upwind of fire.
Flash Point:	No data available.
Hazchem Code:	None.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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Minor Spills:	Do not normally require special clean-up measures. Sweep up residues and 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 due to pH effect. Wear appropriate protective equipment (see section 8) to prevent skin and eye contamination. Contain spillage, then cover/absorb spill into dry, inert material (e.g. sand, earth or vermiculite), collect and place 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

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Handling:	Avoid skin and eye contact. Do not eat, drink or smoke when handling product. Keep out of reach of children. Always wash
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	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

OCCUPATIONAL EXPOSURE LIMITS: None established for this product.

Ingredient	TWA	STEL	DNEL
Sodium hydroxide	2mg/m <sup>3</sup> peak limitation		

	Product as sold	Product at USE DILUTION
Personal Protection:	Use good occupational work practice. The use of protective clothing depends on the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling, engineering controls and according to risk assessments. Safety glasses and gloves should be available.	None required.
Engineering Controls:	Ensure ventilation is adequate. Avoid generating mists of the product. Use only in a well ventilated area. Ensure airflow is directed away from operators.	None required.
Eye and Face Protection:	Safety glasses or chemical goggles are recommended to handle in quantity, cleaning up spills and when decanting.	None required.
Hand and Skin Protection:	Wear gloves to dispense.	None required.

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	When using large quantities or where heavy contamination is likely, wear long gloves, coveralls and footwear that provides protection against alkalis.	
Inhalation Protection:	Not normally required under normal use conditions, where there is adequate ventilation. Where high contaminant mist levels exist the following equipment is required: For short elevated exposures e.g. spillages, an appropriate organic vapour cartridge respirator as per AS/NZS 1715 and 1716. For prolonged exposure and confined spaces wear a full-face piece SCBA (self contained breathing apparatus) or SAR (supplied air respirator) with auxiliary SCBA in line if vapour levels exceed Exposure Limit by more than 10 times.	None required.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue liquid		
Odour:	Faint	Vapour Pressure:	Not available
Odour Threshold:	Not available	Relative Vapour Density:	Not available
pH:	12.0 - 12.5 neat	Relative Density (Water=1):	1.0-1.1 at 25 °C
Melting Point:	Approx. 0 °C	Water Solubility:	Miscible in all portions
Boiling Point:	Approx. 100 °C	Partition Coefficient n-Octanol/Water	Not available

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Flash Point:	Not flammable	Auto-ignition Temperature	Not available
Evaporation Rate:	Not available	Decomposition Temperature	Not available
Flammability:	Not flammable	Viscosity	Semi-viscous
Upper/Lower Flammability:	Not available		

### SECTION 10: STABILITY AND REACTIVITY

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Reactivity:	Low.
Chemical Stability:	Stable under normal conditions of storage and handling.
Possibility of Hazardous Reactions:	Can decompose on combustion to form hazardous vapours, including carbon monoxide and carbon dioxide and other, possibly toxic gases and vapours.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	Oxidising and reducing agents.

### SECTION 11: TOXICOLOGICAL INFORMATION

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Inhaled:	Breathing in mists or aerosols may result in coughing and irritation in the respiratory tract.
Skin Contact:	Irritating to skin. Irritation will continue until removed. May cause inflammation, itching, scaling or reddening.
Eye Contact:	Corrosive to eyes. Contact can cause redness, watering, itching and pain and can result in corneal burns and permanent eye damage.
Ingestion:	Swallowing can result in burns of the mouth, oesophagus and gastrointestinal tract and may cause nausea.
Acute Toxicity:	Not toxic by calculation. No LD50 data available for this product. For constituent, sodium hydroxide (at 100%): Oral LD50 (rabbit) - 500mg/kg
Chronic:	No information available.

### SECTION 12: ECOLOGICAL INFORMATION

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Ecotoxicity:	<p><b>Product as sold:</b> Acute aquatic toxicity (Category 3). Harmful to aquatic life.</p> <p><b>Product at USE DILUTION:</b> Not toxic by calculation.</p> <p>Avoid contaminating waterways. 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&gt; 9 can have an effect on fish, with possible fish death and pH&gt; 8.5 can be destroying for algae).</p> <p>No LC50 data available for this product.</p> <p>For constituent triethanolamine sulphonate (at 100%): LC50 (fish) – 6mg/litre – 96h.</p> <p>For constituent (C10-C16) alkyl alcohol ethoxylate, sulphated, sodium (at 70%): LC50 (fish) – 4.6 – 7.1mg/litre – 96h.</p>
Persistence and Degradability:	Individual components stated to be biodegradable.
Bioaccumulative Potential:	Bioaccumulation is not expected.
Mobility in Soil:	High.
Other Adverse Affects:	None known.

### SECTION 13: DISPOSAL CONSIDERATIONS

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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.:	Not applicable.
Proper Shipping Name:	Not applicable.
Transport Hazard Class:	Not applicable.
Packing Group:	Not applicable.
Hazchem Code:	Not applicable.
Environmental Hazards	Not applicable.



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for Transport:

### SECTION 15: REGULATORY INFORMATION

SUSMP (Poison Schedule): S5 Caution.

### 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>LC50 – Lethal concentration to kill 50% of test population.</p> <p>LD50 – Lethal dose, to kill 50% of test population.</p> <p>Mg/m<sup>3</sup> – 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/Occupational Exposure limit.</p>
Literature References:	<p>Australian Code for the Transport of Dangerous Goods by Road &amp; Rail – Ed.7.7, 2020.</p> <p>Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice. July 2020 – Safe Work Australia.</p> <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS). Seventh revised edition.</p> <p>Standard for the Uniform Scheduling of Medicines and Poisons. October 2022.</p>

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	Safety Data Sheets for individual raw materials – all suppliers.
Revision History:	V1.0 Initial SDS for GHS compliance. Rev 1.1 Extension for GHS7 transition. Rev 1.2 Extension for GHS7 transition. V2.0 GHS7
Prepared By:	Mountain Cleaning Products Regulatory Service.

**END OF SDS**