

# Safety Data Sheet

## Sour Liquid Mountain Cleaning Products

Issue Date: March 2023

Valid to: March 2028


### SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Trade Name:	Sour Liquid
Synonyms:	NA
Chemical Formula:	NA
CAS Number:	NA
Product Uses:	Laundry neutraliser.
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
	Eye damage (Category 1)	Non-hazardous.

### LABELLING ELEMENTS:

	Product as sold	Product at USE DILUTION
Signal Word:	Danger	None allocated.
Pictogram(s):	 Corrosive (eyes)	Non-hazardous.
Hazard Statement(s)	H318 Causes serious eye damage.	None allocated.
Precautionary Statement(s):	<b>Prevention</b> P280 Wear eye protection.  <b>Response</b> P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact	None allocated.

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	lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTRE (13 11 26) or doctor.	
Storage:	None allocated.	None allocated.
Disposal:	None allocated.	None allocated.

### SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	CAS No.s	Percentage (w/w)	Classification
Water	7732-18-5	> 60%	
Phosphoric acid	7664-38-2	< 10%	H314

### SECTION 4: FIRST AID MEASURES

First Aid Facilities:	Normal washroom facilities. Emergency eyewash.
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:	Wash skin with plenty of water. Remove contaminated clothing and wash before reuse. Seek medical advice if irritation develops.
Inhalation:	Remove victim to fresh air away from exposure - avoid becoming a casualty. Allow patient to assume most comfortable position, keep warm and at rest. If breathing is difficult administer oxygen.
Ingestion:	Do NOT induce vomiting. 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

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Australia 13 11 26.

### SECTION 5: FIRE FIGHTING MEASURES

Fire and Explosion Hazard:	Water based, not 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).
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:	None.
Hazchem Code:	None.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Minor Spills:	Do not normally require special clean-up measures. Absorb spills and rinse area with water.
Major Spills:	For example transport accident or bulk spill. Clear area of unprotected personnel. Prevent spillage from entering drains or watercourses. 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 water and consider neutralisation with SODA ASH or SODIUM BICARBONATE. 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 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 or light alloy containers. Store away from incompatible materials (see Section 10 of this SDS). Keep containers closed at all times and check regularly for leaks.

### SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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OCCUPATIONAL EXPOSURE LIMITS: None established for this product.

Ingredient	TWA	STEL	Notes
Phosphoric acid	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	

	Product as sold	Product at USE DILUTION
Personal Protection:	Use good occupational work practice.	None required.
Engineering Controls:	Ensure ventilation is adequate.	None required.
Eye and Face Protection:	Safety glasses or chemical goggles to handle in quantity or when decanting.	None required.
Hand and Skin Protection:	Use gloves when handling. When using large quantities or where heavy contamination is likely, wear long gloves and overalls.	None required.
Inhalation Protection:	Not normally required under normal use conditions. Where a high contaminant spray or mist exists, for short elevated exposures wear the appropriate organic vapour cartridge that meets AS/NZS 1715 and AS/NZS 1716. For prolonged exposure and confined spaces, full-face air supplied or self contained breathing apparatus; or, if	None required.

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	vapour levels exceed the exposure limit by more than ten times, then air supplied apparatus.	
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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Clear straw liquid		
Odour:	Faint	Vapour Pressure:	Not available
Odour Threshold:	Not available	Vapour Density:	Not available
pH:	< 2.0 neat	Relative Density (Water=1):	1.1 – 1.2 @ 25 °C
Melting/Freezing Point:	0 °C approx.	Water Solubility:	Soluble
Boiling Point:	100 °C approx.	Partition Coefficient n-Octanol/Water	Not available
Flash Point:	None	Auto-ignition Temperature	Not available
Evaporation Rate:	Not available	Decomposition Temperature	Not available
Flammability:	Not flammable	Viscosity	Non viscous
Upper/Lower Flammability:	Not available		

### SECTION 10: STABILITY AND REACTIVITY

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Reactivity:	Reacts violently with alkalis. Attacks many reactive metals, releasing highly flammable hydrogen gas.
Chemical Stability:	Stable under normal conditions of storage and handling. Contamination of product and exposure to light and heat will accelerate decomposition.
Possibility of Hazardous Reactions:	Reacts violently with alkalis, yielding heat and pressure, which may burst a closed container.
Conditions to Avoid:	Extremes of temperature and excessive direct sunlight.
Incompatible Materials:	Alkalis, metals salts, oxidisers and reducing agents.

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### SECTION 11: TOXICOLOGICAL INFORMATION

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Inhaled:	Breathing in mists or aerosols may result in respiratory irritation.
Skin Contact:	Extended contact with concentrated product can cause irritation and redness.
Eye Contact:	Corrosive to eyes. Contact can cause corneal burns with possible risk of serious damage to eyes.
Ingestion:	Swallowing can result in gastrointestinal irritation with nausea, vomiting and diarrhoea.
Acute Toxicity:	Not toxic by calculation. No LD50 data available for this product. For active constituent, phosphoric acid (at 85%): Oral LD50 (rat) - 1530mg/kg
Chronic:	No information available.

### SECTION 12: ECOLOGICAL INFORMATION

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Ecotoxicity:	Not toxic by calculation. The product is an acid. If large spills occur and are not neutralised, a fall in pH could be responsible for a localised environmental effect on aquatic organisms (pH < 2 can have an effect on fish, with possible fish death). Avoid contaminating waterways. No LC50 data available for this product. For active constituent, phosphoric acid (at 85%): LC50 (freshwater fish) – 98 - 106mg/litre - 96 h.
Persistence and Degradability:	Individual components stated to be biodegradable.
Bioaccumulative Potential:	Not tested.
Mobility in Soil:	Not tested.
Other Adverse Affects:	None known.

### SECTION 13: DISPOSAL CONSIDERATIONS

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

### 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

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

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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. LC50 – Lethal concentration to kill 50% of test population. LD50 – Lethal dose, to kill 50% of test population. Mg/m <sup>3</sup> – Milligrams per cubic metre. PPM – Parts per million. STEL – Short Term Exposure Limit. STOT – SE/RE – Specific Target Organ Toxicity (single/repeated
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	exposure). SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons. TWA/OEL – Time Weighted Average/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. Global Harmonized System of Classification and Labelling of Chemicals (GHS). Seventh revised edition. Standard for the Uniform Scheduling of Medicines and Poisons. October 2022. 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**