

# Safety Data Sheet

## All Clear Beer Glass Cleaner Mountain Cleaning Products

Issue Date: September 2022  
Valid to: January 2023

### SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Trade Name:	All Clear Beer Glass Cleaner
Synonyms:	NA
Chemical Formula:	NA
CAS Number:	NA
Product Uses:	Glass cleaner.
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
	Skin irritation (Category 2) 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)	H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation.	None allocated.

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**Beer Glass Cleaner**  
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Precautionary Statement(s):	<p><b>Prevention</b></p> <p>P261 Avoid breathing mist/ vapours /spray.                  P264 Wash hands thoroughly after handling.                  P271 Use only in a well ventilated area.                  P280 Wear protective gloves and eye protection.</p> <p><b>Response</b></p> <p>P302 + P352 IF ON SKIN: wash with plenty of soap and water.                  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.                  P321 Specific treatment, see First Aid Measures on this Safety Data Sheet.                  P332 + P313 If skin irritation occurs: Get medical advice.                  P362 Take off contaminated clothing and wash before reuse.</p>	None allocated.
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.

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### SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	CAS No.s	Percentage (w/w)	Classification
Water	7732-18-5	> 60%	
Sodium metasilicate pentahydrate	10213-79-3	< 10%	H314 + H335
Ethanolamine	141-43-5	< 10%	H312 + H314 + H331 + H332 + H335
Other ingredients determined to be non hazardous or below concentration cut offs		< 10%	

### SECTION 4: FIRST AID MEASURES

First Aid Facilities:	Normal washroom facilities. Safety shower and 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 contaminated skin with plenty of water. Seek medical advice if irritation 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 is laboured and patient is cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a mask. If breathing has stopped apply artificial respiration at once and seek medical assistance.
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

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	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:	Water based, not combustible. However if involved in a fire will emit toxic fumes. Can react with metals to form flammable hydrogen gas.
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

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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. 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.

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PPE:	Personal protective equipment advice is contained in Section 8 of this document.
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### SECTION 7: HANDLING AND STORAGE

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Handling:	Avoid eye and skin contact and breathing in concentrated product. Do not eat, drink or smoke when handling. Always wash hands with water after handling. Avoid contact with incompatible materials.
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
Ethanolamine	3ppm, 7.5mg/m <sup>3</sup>	6ppm, 15mg/m <sup>3</sup>	

Personal Protection:	Use good occupational work practice. The use of protective clothing and equipment depends on the degree and nature of exposure. Final choice of appropriate protection will vary according to the individual situation and according to risk assessments taken.
Engineering Controls:	Ensure ventilation is adequate. Avoid generating mists of the product. Ensure airflow, where the concentrated product is handled, is directed away from operators.
Eye and Face Protection:	Safety glasses when handling concentrated product due to pH effect (pH>12) on eyes.
Hand and Skin Protection:	Wear gloves when handling concentrated product and for prolonged use at dilution. Not required for normal use conditions. When handling large quantities e.g. spills and where heavy contamination is likely, wear long gloves, coveralls and

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	apron.
Inhalation Protection:	Not required with diluted solutions of the product. Where high contaminant mist or vapour levels exist, wear an organic vapour cartridge respirator that meets AS/NZS 1715 and AS/NZS 1716. For prolonged exposure and confined spaces use full-face piece air supplied (SAR) or self-contained breathing apparatus (SCBA).

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear straw liquid		
Odour:	Faint ammonia smell	Vapour Pressure:	Not available
Odour Threshold:	Not available	Vapour Density:	Not available
pH:	> 12.0 neat	Relative Density (Water=1):	1.0 – 1.1 @ 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

Reactivity:	Low.
Chemical Stability:	Stable under normal conditions of storage and handling. Contamination of product and exposure to extreme light and heat will accelerate decomposition.
Possibility of Hazardous Reactions:	None known under conditions of normal use. Product can decompose on combustion to form carbon monoxide, carbon dioxide and other, possibly toxic, gases and vapours. Vigorous

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	reaction with acids can yield heat and pressure, which can burst a closed container. Attacks many reactive metals (aluminium, magnesium, zinc), releasing highly flammable hydrogen gas that is a fire or explosion hazard.
Conditions to Avoid:	Extremes of temperature and excessive direct sunlight.
Incompatible Materials:	Reacts vigorously with acids. Reacts with metals salts, peroxides and reducing agents.

### SECTION 11: TOXICOLOGICAL INFORMATION

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Inhaled:	Breathing in mists or aerosols may result in respiratory irritation including a burning sensation, coughing, wheezing, and shortness of breath and possible spasm.
Skin Contact:	Skin irritant – may cause redness, pain and blistering. Irritation will continue until removed.
Eye Contact:	Contact will cause stinging, blurring, watering and pain. pH of product will contribute to this effect.
Ingestion:	Swallowing can result in irritation to the throat and oesophagus, nausea, abdominal pain, vomiting, reduced blood pressure, slow pulse and cyanosis.
Acute Toxicity:	Not toxic by calculation. No LD50 data available for this product. For constituent, sodium metasilicate pentahydrate (at 59%): Oral LD50 (rat) – 1152-1349mg/kg. For active constituent, ethanolamine (at 100%): Oral LD50 (rat) - 1720mg/kg.
Chronic:	No information available.

### SECTION 12: ECOLOGICAL INFORMATION

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Ecotoxicity:	Not toxic by calculation to aquatic life. No LC50 data available for this product. 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> 9 can have an effect on fish, with possible fish death and pH> 8.5 can be destroying for algae).
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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 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

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SUSMP (Poison Schedule):	S5 – CAUTION (Alkaline Salts).
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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.
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	<p>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<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 exposure). SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons. TWA/OEL – Time Weighted Average or Occupational Exposure limit.</p>
Literature References:	<p>Australian Code for the Transport of Dangerous Goods by Road &amp; 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. June 2021. Safety Data Sheets for individual raw materials – all suppliers.</p>
Revision History:	<p>Rev 1.0 Initial SDS for GHS compliance. Rev 1.2 Extension for GHS7 transition.</p>
Prepared By:	Mountain Cleaning Products Regulatory Service.

**END OF SDS**