

Safety Data Sheet

Beerline Cleaner Mountain Cleaning Products

Issue Date: December 2021

Valid to: December 2026



SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Trade Name:	Beerline Cleaner (single part)
Synonyms:	NA
Chemical Formula:	NA
CAS Number:	NA
Product Uses:	Cleaning beerlines
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:	Skin corrosion (Category 1B). Acute toxicity (Category 5). Single target Organ Toxicity (Category 3).
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LABELLING ELEMENTS:

Signal Word:	Danger
Pictogram(s):	  Corrosive Health hazards
Hazard Statement(s):	H314 Causes severe skin burns and eye damage. H302 Harmful if swallowed. H312 Harmful in contact with skin. H332 Harmful if inhaled.
Precautionary Statement(s):	Prevention P260 Do not breathe fumes/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well ventilated area.

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	<p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>Response</p> <p>P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303 + P361 + P353 IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water/shower and use plenty of soap.</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P304 + P340 +312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON Centre (13 11 26) or doctor if victim feels unwell.</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> <p>P321 Specific treatment, see First Aid Measures on this Safety Data Sheet.</p>
Storage:	<p>P403 and P233 Store in a well ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p>
Disposal:	<p>P501 Dispose of contents/container to an approved waste disposal plant.</p>

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	CAS No.s	Percentage (w/w)	Classification
Water	7732-18-5	40 - 60%	
Ethanolamine	141-43-5	20 - 40%	H314, H302, H332, H312
Other ingredients determined to be non hazardous or below concentration cut offs		< 10%	

SECTION 4: FIRST AID MEASURES

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First Aid Facilities:	Normal washroom facilities. Safety shower and emergency eye wash.
Eye Contact:	Immediately irrigate with copious quantities of water for at least 30 minutes. Eyelids to be held open. Avoid rinse water entering uncontaminated eye. Seek medical advice e.g. ophthalmologist.
Skin Contact:	Remove contaminated clothing. Immediately wash contaminated 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. If breathing has stopped apply artificial respiration at once. Seek immediate medical advice.
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:	Not combustible. However, if involved in a fire, will emit toxic fumes. Can react with metals to produce flammable hydrogen gas.
Extinguishing Media:	If material is involved in a fire use fine water spray, normal foam or dry agent extinguisher (carbon dioxide or dry chemical powder).

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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:	2X.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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. Wear appropriate protective equipment (see section 8) to prevent skin and eye contamination and inhalation of fumes. 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. Weak acid e.g. vinegar may be carefully used to neutralise residual traces after flushing. 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 skin and eye contact and avoid breathing in vapours. Keep out of reach of children. Do not eat, drink or smoke. Always wash hands with water after handling.
Storage:	Store in a cool, dry, place with good ventilation. Avoid storing in aluminium and alloy containers. Store away from incompatible materials (see Section 10). Keep containers closed at all times when not in use.

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SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: None established for this product.

Ingredient	TWA	STEL	Notes
Ethanolamine	7.5mg/m ³	15mg/m ³	

Personal Protection:	Chemical goggles or safety glasses and long rubber gloves under normal conditions of use. Face shield, gloves (LONG), coveralls, apron and rubber boots where contamination is likely.
Engineering Controls:	Ensure ventilation is adequate. Avoid generating mists of product. Where an inhalation risk exists, mechanical extraction ventilation is recommended to maintain vapour levels below recommended exposure standard. Ensure airflows, where this product is used, are directed away from operators.
Eye and Face Protection:	Chemical goggles, safety glasses or face shield.
Hand and Skin Protection:	Wear impervious PVC or rubber gloves (long) to dispense. When using large quantities or where heavy contamination is likely, wear coveralls and footwear that provides protection against acids/alkalis and a PVC apron.
Inhalation Protection:	Not normally required under normal use conditions. Where an inhalation risk exists wear a respirator that meets AS/NZS 1715 and AS/NZS 1716.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear straw liquid
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Odour:	Faint ammonia	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

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

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Reacts vigorously with acids.
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 vigorously with acids, producing heat and pressure that can burst an enclosed container. Reacts with reactive metals such as aluminium, magnesium zinc alloys, releasing flammable hydrogen gas that may be a fire or explosion hazard. Reacts with reducing agents and peroxides. Can decompose on combustion to form carbon monoxide, carbon dioxide and possibly other toxic gases and vapours.
Conditions to Avoid:	Avoid contact with incompatible products and storage in metal containers.
Incompatible Materials:	Acids, metals such as aluminum, tin, zinc, and their alloys, peroxides and reducing agents.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhaled:	Breathing in high concentration mists or aerosols may produce mucous membrane and respiratory irritation and damage. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, nausea, vomiting, spasm, inflammation and oedema of the larynx and bronchi. Very high concentrations may cause severe lung damage with possible injury to liver and kidneys.
Skin Contact:	Severely irritating, corrosive to skin. Severity depends on the concentration and duration of exposure. May cause redness, blistering and pain. Danger of skin absorption. Burns are not

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	immediately painful; onset of pain may be minutes or hours. Repeated exposure may cause dermatitis.
Eye Contact:	Corrosive to eyes. Vapour or liquid can cause irritation; redness, pain, blurred vision, corneal burns and can possibly result in permanent injury. High concentration of vapours will cause irritation.
Ingestion:	Swallowing can result in damage to throat and oesophagus, nausea, vomiting, shock-like state, a fall in blood pressure and slowing of the pulse, cyanosis (discolouration of skin), convulsions and coma.
Acute Toxicity:	No LD50 data available for this product. For active constituent, ethanolamine (at 90-100%): Oral LD50 (rat): 1515mg/kg. Inhalation LC50 (rat): >1.3mg/l – 6h. Dermal LD50 (rabbit): 2504mg/kg.
Chronic:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	No data available for this product. For active constituent, ethanolamine (at 90-100%): <i>Fish</i> LC50 (Cyprinus carpio): 349mg/l – 96h (semi-static). LC50 (Carassius auratus): 170mg/l – 96h (static). <i>Daphnia</i> EC50 (Daphnia magna): 65mg/l – 48h. <i>Algae</i> EC50 (Selenastrum capricornutum): 2.5mg/l – 72h. Bacteria EC50 (Pseudomonas putida): 110mg/l – 16h Avoid contaminating waterways. Possible localised pH effect; neutralise before release into water treatment plants. No chronic effects expected.
Persistence and Degradability:	Readily biodegradable.
Bioaccumulative Potential:	Highly water soluble and unlikely to bioconcentrate in organisms.
Mobility in Soil:	Highly water soluble and mobile.
Other Adverse Affects:	None known.

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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:	Dangerous Goods.
UN No.:	2491
Proper Shipping Name:	ETHANOLAMINE SOLUTION
Transport Hazard Class:	8 – Corrosive 
Packing Group:	III
Hazchem Code:	2X
Environmental Hazards for Transport:	Corrosive liquid. High pH.

SECTION 15: REGULATORY INFORMATION

SUSMP (Poison Schedule):	S6 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.
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	<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/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/Occupational Exposure limit.</p>
Literature References:	<p>Australian Code for the Transport of Dangerous Goods by Road & 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. June 2021.</p> <p>Safety Data Sheets for individual raw materials – all suppliers.</p>
Revision History:	<p>V 1.1 Product name change 2/8/18.</p> <p>Rev 1.1 Extension for GHS7 transition.</p> <p>Rev 2.0 GHS7 Compliance.</p>
Prepared By:	Mountain Cleaning Products Regulatory Service.

END OF SDS