

Safety Data Sheet

Waterless Hand Sanitiser Mountain Cleaning Products

Issue Date: December 2021

Valid to: December 2026

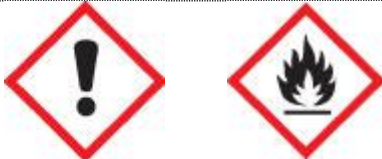
SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Trade Name:	Waterless Hand Sanitiser
Synonyms:	NA
Chemical Formula:	NA
CAS Number:	NA
Product Uses:	Food prep grade hand sanitiser.
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:	Eye irritation (Category 2A). Flammable liquids (Category 3).
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LABELLING ELEMENTS:

Signal Word:	Warning
Pictogram(s):	
Hazard Statements(s):	H319 Causes serious eye irritation. H226 Flammable liquid and vapour.
Precautionary Statement(s):	Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P233 Keep container tightly closed. P241 Use explosion proof electrical/ventilating/lighting equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge.

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	<p>P264 Wash hands thoroughly after handling. P280 Wear eye protection.</p> <p>Response P303 + P361 + P353 IF ON SKIN (or hair): Remove immediately contaminated clothing. Rinse skin with water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313: If eye irritation persists: Get medical advice. P370 + P378: In case of fire, use alcohol resistant foam for extinction.</p>
Storage:	P403 + P235 Store in a well-ventilated place. Keep cool.
Disposal:	P501 Dispose of contents/container to an approved waste disposal plant.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	CAS No.s	Percentage (w/w)	Classification
Water	7732-18-5	20 - 40%	
Ethyl alcohol	64-17-5	> 60% (min 70% v/v)	H225 + H315
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 eye wash.
Eye Contact:	Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist) if there are ongoing symptoms.
Skin Contact:	Contact with skin is part of normal use. Remove any contaminated clothing and wash skin with plenty of water.
Inhalation:	Remove victim to fresh air away from exposure - avoid becoming a casualty.

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Ingestion:	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. 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:	Flammable liquid. Keep product and empty container away from heat sources.
Extinguishing Media:	Use alcohol resistant foam; otherwise fine water spray or water fog.
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 – move upwind of fire.
Flash Point:	23°C (TCC).
Hazchem Code:	•2Y

SECTION 6: ACCIDENTAL RELEASE MEASURES

Minor Spills:	Does not normally require special clean-up measures. Clean up spill and rinse area with detergent and water. Avoid contact with eyes.
Major Spills:	For example transport accident or bulk spill. Prevent spillage from entering drains or watercourses. Wear appropriate protective equipment (see section 8) to prevent eye and clothing 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,

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	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.
PPE:	Personal protective equipment advice is contained in Section 8 of this document.

SECTION 7: HANDLING AND STORAGE

Handling:	Avoid eye contact. Do not eat, drink or smoke whilst handling. Do not use in the presence of heat or ignition sources, including flames and sparks. All equipment must be earthed. Use in a well ventilated area. Do not allow contaminated clothing to remain in contact with skin. Always wash hands with water after handling.
Storage:	Store in a cool, dry, place with good ventilation, out of direct sunlight and at below 30°C. Store away from incompatible materials (see Section 10). Store away from heat and ignition sources. Keep containers tightly closed at all times when not in use.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: None established for this product.

Ingredient	TWA	STEL	Notes
Ethyl alcohol	1880mg/m ³		

Personal Protection:	Use good occupational work practice. The product is a hand sanitising gel and as such, protective clothing is not required under normal conditions of use. However, the use of protective clothing depends on the degree and nature of exposure. Final choice of protection will vary according to the circumstances e.g. methods of handling, engineering controls and according to risk assessments taken.
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Engineering Controls:	Ensure ventilation is adequate. Where high contaminant levels exist wear suitable respirator in accordance with AS/NZS 1715 and AS/NZS 1716.
Eye and Face Protection:	Safety glasses to handle in quantity.
Hand and Skin Protection:	When using large quantities or where heavy contamination is likely wear gloves and a PVC apron.
Inhalation Protection:	None required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear gel-like liquid		
Odour:	Mild ethanol	Vapour Pressure:	Not available
Odour Threshold:	Not available	Vapour Density:	Not available
pH:	6.0 - 7.0 neat	Relative Density (Water=1):	0.87 @ 25 °C
Melting/Freezing Point:	0 °C approx.	Water Solubility:	Miscible in all portions
Boiling Point:	> 78 °C (initial)	Partition Coefficient n-Octanol/Water	Not available
Flash Point:	23 °C	Auto-ignition Temperature	Not available
Evaporation Rate:	Not available	Decomposition Temperature	Not available
Flammability:	Flammable	Viscosity	Viscous gel
Upper/Lower Flammability:	UEL 19/LEL 3.3		

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Low.
Chemical Stability:	Stable under normal temperatures and pressure.
Possibility of Hazardous Reactions:	Product can decompose on combustion to form carbon monoxide, carbon dioxide and other possibly toxic compounds.
Conditions to Avoid:	Avoid exposure to heat and ignition sources including open flames and hot surfaces; and prolonged exposure to direct

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	sunlight.
Incompatible Materials:	Strong oxidising agents.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhaled:	No harmful effects.
Skin Contact:	No harmful effects.
Eye Contact:	May cause irritation.
Ingestion:	Swallowing large amounts can result in nausea, vomiting and stomach pain.
Acute Toxicity:	Not toxic by calculation. No LD50 data available for this product. For ethyl alcohol (at 95%): Oral LD50 (mice) - 3450mg/kg
Chronic:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Not toxic by calculation. No LC50 data available for this product. For ethyl alcohol (at 95%): LC50 (golden ide) >1000 mg/l – 48h.
Persistence and Degradability:	Individual components stated to be biodegradable.
Bioaccumulative Potential:	None known.
Mobility in Soil:	Not tested.
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:	Dangerous goods
UN No.:	1170
Proper Shipping Name:	ETHANOL SOLUTION
Transport Hazard Class:	3 – Flammable Liquid
	
Packing Group:	III
Hazchem Code:	•2Y
Environmental Hazards for Transport:	None allocated.

SECTION 15: REGULATORY INFORMATION

SUSMP (Poison Schedule):	Not a scheduled poison.
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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/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>
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	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. June 2021. Safety Data Sheets for individual raw materials – all suppliers.
Revision History:	Rev 1.0 Initial SDS for GHS compliance. 27.4.20 V1.1 Addition of ethanol v/v data Rev 1.2 Extension for GHS7 transition. Rev 2.0 GHS7 Compliance
Prepared By:	Mountain Cleaning Products Regulatory Service.

END OF SDS