

Safety Data Sheet

Crystal Rinse Aid Mountain Cleaning Products

Issue Date: November 2016

Valid to: November 2021


SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Trade Name:	Crystal Rinse Aid
Synonyms:	NA
Chemical Formula:	NA
CAS Number:	NA
Product Uses:	Rinse aid for automatic dishwashing machines.
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 irritation (Category 2A)	Non-hazardous.

LABELLING ELEMENTS:

	Product as sold	Product at USE DILUTION
Signal Word:	Warning	None allocated.
Pictogram(s):		Non-hazardous.
Hazard Statement(s)	H315 Causes skin irritation. H319 Causes serious eye irritation.	None allocated.
Precautionary Statement(s):	Prevention P264 Wash hands thoroughly after handling. P280 Wear eye protection and	None allocated.

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	<p>protective gloves.</p> <p>Response</p> <p>P302 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.</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>P362 Take off contaminated clothing and wash before reuse.</p> <p>P321 Specific treatment, see First Aid Measures on this Safety Data Sheet.</p> <p>P332 + P313 If skin irritation occurs: Get medical advice/attention.</p> <p>P337 + P313: If eye irritation persists: Get medical attention.</p>	
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%	
Ethyl alcohol	64-17-5	Below cut off	H225 + H319
Alcohol ethoxylate	NA	10 – 30%	H315 + H319
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
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	wash.
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:	Remove contaminated clothing and wash before reuse. Wash affected 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. 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

Fire and Explosion Hazard:	Flashpoint > 60°C. Combustible above this temperature.
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.
Flash Point:	> 60°C.
Hazchem Code:	None.

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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. 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

Handling:	Avoid skin and eye contact. Do not eat, drink or smoke when handling product. Always wash hands with water after handling.
Storage:	Store in a cool, dry, place with good ventilation. Store away from incompatible materials (see Section 10) and heat sources. 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 or ingredients.

Ingredient	TWA	STEL	DNEL

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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.
Engineering Controls:	Use only in a well ventilated area. Avoid generating mists of the product. Ensure airflow is directed away from operators.
Eye and Face Protection:	Safety glasses when handling in quantity.
Hand and Skin Protection:	Wear gloves to dispense. When using large quantities or where heavy contamination is likely, wear long gloves and coveralls.
Inhalation Protection:	Not normally required under normal use conditions, where there is adequate ventilation. Where high contaminant mist levels exist, use an approved respirator in accordance with AS/NZS 1715 and 1716.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear blue liquid		
Odour:	Mild solvent	Vapour Pressure:	Not available
Odour Threshold:	Not available	Relative Vapour Density:	Not available
pH:	3.5 – 4.0 neat	Relative Density (Water=1):	0.95 – 0.98 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
Flash Point:	Not flammable	Auto-ignition Temperature	Not available
Evaporation Rate:	Not available	Decomposition Temperature	Not available
Flammability:	Not flammable	Viscosity	Non viscous
Upper/Lower Flammability:	Not available		

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SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Low.
Chemical Stability:	Stable under normal conditions of storage and handling.
Possibility of Hazardous Reactions:	None known.
Conditions to Avoid:	Heat sources and direct sunlight.
Incompatible Materials:	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhaled:	No harmful effects.
Skin Contact:	Irritating to skin. May cause inflammation, itching, scaling or reddening.
Eye Contact:	Irritating to eyes. May cause watering, reddening and discomfort.
Ingestion:	Swallowing large quantities can result in nausea.
Acute Toxicity:	Not toxic by calculation. No LD50 data available for this product.
Chronic:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Product as sold: Acute aquatic toxicity (Category 3). Harmful to aquatic life. Product at USE DILUTION: Not toxic by calculation. No LC50 data available for this product. For constituent, alcohol ethoxylate (at 100%): LC50 (fish) - 10mg/litre – 96h.
Persistence and Degradability:	All individual components stated to be biodegradable.
Bioaccumulative Potential:	Not known.
Mobility in Soil:	Not known.
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:	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 for Transport:	Not applicable.

SECTION 15: REGULATORY INFORMATION

SUSMP (Poison Schedule):	Not a scheduled 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. 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 ³ – Milligrams per cubic metre.
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	<p>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 And Rail – 7th Edition. Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice. December 2011 – Safe Work Australia. GHS Hazardous Chemical Information List - September 2014 – Safe Work Australia. Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012 - Safe Work Australia. Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition. List of Designated Hazardous Substances [NOHSC: 10005(1999)] Standard for the Uniform Scheduling of Medicines and Poisons. June 2016. Material Safety Data Sheets for individual raw materials – all suppliers. Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(1999)].</p>
Revision History:	Rev 1.0 Initial SDS for GHS compliance.
Prepared By:	Mountain Cleaning Products Regulatory Service.

END OF SDS