

Safety Data Sheet

Flash Toilet Cleaner Mountain Cleaning Products

Issue Date: February 2023

Valid to: February 2028


SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Trade Name:	Flash Toilet Cleaner
Synonyms:	NA
Chemical Formula:	NA
CAS Number:	NA
Product Uses:	Cleaning toilet bowls and urinals and as a general washroom cleaner.
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 1:20
	Skin irritation (Category 2) Eye irritation (Category 2A)	Non-hazardous.

LABELLING ELEMENTS:

	Product as sold	Product at USE DILUTION 1:20
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>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>P302 + P352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P321 Specific treatment, see First Aid Measures on this Safety Data Sheet.</p> <p>P337 + P313 If eye irritation persists: Get medical advice.</p> <p>P332 + P313 If skin irritation occurs: Get medical advice.</p> <p>P362 Take off contaminated clothing and wash before reuse.</p>	
Storage:	None allocated.	None allocated.
Disposal:	None allocated.	None allocated.
SUSMP (Poison Schedule):	S5 Caution.	

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 + H315 + H319
Alkyldimethylbenzyl ammonium chloride	68424-85-1	Below cut off	H302 + H314 + H400 + H312
Sulphamic acid	5329-14-6	Below cut off	H315 + H319 + H412 + H413
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 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.
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 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. Can react with metals to produce flammable hydrogen gas.
Extinguishing Media:	Use extinguishing media suitable for surrounding fires e.g. 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.

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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. 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. 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. Avoid contact with incompatible materials. Do not eat, drink or smoke. Always wash hands with water after handling concentrated product.
Storage:	Store in a cool, dry place with good ventilation. Avoid storing in aluminium or light alloy containers.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: None established for this product.

Ingredient	TWA	STEL	Notes
Phosphoric acid	1 mg/m ³	3 mg/m ³	

	Product as sold	Product at USE DILUTION 1:20

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Personal Protection:	Use good occupational work practice. Wear gloves when handling concentrate.	None required.
Engineering Controls:	Ensure ventilation is adequate.	None required.
Eye and Face Protection:	Safety glasses to handle in quantity where at risk of contamination e.g. decanting.	None required.
Hand and Skin Protection:	Wear gloves.	None required.
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.	None required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque blue liquid
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Odour:	Pine	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	Viscous
Upper/Lower Flammability:	Not available		

SECTION 10: STABILITY AND REACTIVITY

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Reactivity:	Reacts strongly with bases.
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.
Conditions to Avoid:	Heating, extremes of temperature and excessive direct sunlight.
Incompatible Materials:	Oxidizing agents e.g. nitrates, nitrites, nitric acid; halogens, strong bases and metals with water.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhaled:	Unlikely to occur in general use conditions and there is no vapour associated with this product. Breathing in mists or aerosols may result in respiratory irritation.
Skin Contact:	Causes skin irritation. May cause redness and pain.
Eye Contact:	Causes eye irritation. Contact will cause stinging, blurring, watering and pain.
Ingestion:	Swallowing may result in burning of the mouth, throat and gastrointestinal tract.
Acute Toxicity:	Not toxic by calculation. No LD50 data available for this product. For constituent, phosphoric acid (at 85%): Oral LD50 (rat) – 1530mg/kg. For constituent, sulphamic acid (at 100%): Oral LD50 (rat) – 3160mg/kg. For constituent, alkyldimethylbenzyl ammonium chloride (at 50%): Oral LD50 (rat) – 500 - 2000mg/kg.
Chronic:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Not toxic by calculation. No LC50 data available for this product. For constituent, phosphoric acid (at 85%): LC50 (rainbow trout) – 3.2mg/litre – 96h. For constituent, sulphamic acid (at 100%): LC50 (Pimephales promelas (fathead minnow)) – 70.3mg/litre - 96 h.
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	For constituent, alkyldimethylbenzyl ammonium chloride (at 50%): LC50 (Danio rerio (Zebra fish)) – 1-10mg/l - 96 h. Avoid contaminating waterways. 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, with possible fish death).
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

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.:	NA
Proper Shipping Name:	NA
Transport Hazard Class:	NA
Packing Group:	NA
Hazchem Code:	NA
Environmental Hazards for Transport:	NA

SECTION 15: REGULATORY INFORMATION

SUSMP (Poison Schedule):	S5 Caution.
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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> <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. October 2022.</p> <p>Safety Data Sheets for individual raw materials – all suppliers.</p>
Revision History:	<p>Rev 1.0 Initial SDS for GHS compliance.</p> <p>Rev 1.1 Extension for GHS7 transition.</p> <p>Rev 1.2 Extension for GHS7 transition.</p> <p>V2.0 GHS7</p>
Prepared By:	Mountain Cleaning Products Regulatory Service.

END OF SDS