

Infosafe No™ VARCO	Issue Date : November 2024	ISSUED by MILESTON
Product Name <b>MAG KLEEN</b>		

## Section 1 - Identification

<b>Product Identifier</b>	MAG KLEEN
<b>Company Name</b>	Milestone Chemicals Pty. Ltd. (ABN 85115166357)
<b>Address</b>	115 Northern Road West Heidelberg VIC 3081 AUSTRALIA
<b>Telephone/Fax Number</b>	Tel: (03) 9450 4555 Fax: (03) 9457 5518
<b>Emergency Phone Number</b>	(03) 9450 4555 Mon-Fri 8am - 6pm
<b>Recommended use of the chemical and restrictions on use</b>	For the cleaning and removal of brake dust from mag wheels and associated surfaces.

## Section 2 - Hazard(s) Identification

<b>GHS Classification of the Substance/Mixture</b>	Acute toxicity: Category 4 - Dermal Acute toxicity: Category 4 - Oral
<b>Signal Word</b>	WARNING
<b>Hazard Statement (s)</b>	H302 Harmful if swallowed. H312 Harmful in contact with skin.
<b>Pictogram (s)</b>	Exclamation mark



<b>Precautionary Statement – Prevention</b>	P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280(f) Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement – Response</b>	P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P302+P352 IF ON SKIN: Wash with plenty of water. P312 Call a POISON CENTER/doctor if you feel unwell. P330 Rinse mouth. P362+P364 Take off contaminated clothing and wash it before reuse.
<b>Precautionary Statement – Storage</b>	P404 Store in a closed container.
<b>Precautionary Statement – Disposal</b>	P501 Dispose of contents/container: Recycle packaging by replacing cap and returning clean containers to recycler or designated collection point.
<b>Precautionary Statement – General</b>	P102 Keep out of reach of children. P103 Read carefully and follow all instructions.

## Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Oxalic acid	144-62-7	10-30 %
	Other ingredients determined not to be hazardous, including water	N/A	to 100%

## Section 4 - First Aid Measures

<b>Inhalation</b>	Remove victim to fresh air. Do not use mouth-to-mouth method if victim inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.
<b>Ingestion</b>	Rinse mouth with water. Do not induce vomiting. Give a glass of water to be

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<b>Skin</b>	taken slowly. Seek medical advice. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. See a doctor.
<b>Eye</b>	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
<b>First Aid Facilities</b>	Eye wash station and normal washroom facilities.
<b>Advice to Doctor</b>	Product contains >10% oxalic acid solution. Treat symptomatically. Contact Poisons Information Centre.

## Section 5 - Firefighting Measures

<b>Suitable Extinguishing Media</b>	Use extinguishing media appropriate to surrounding fire. Use water spray to cool containers and surrounds.
<b>Hazards from Combustion Products</b>	If involved in a fire may generate noxious and corrosive fumes.
<b>Specific Methods</b>	Fire-fighters to wear self contained breathing apparatus and protective equipment. If safe to do so remove containers from path of fire.
<b>Specific Hazards Arising from the Chemical</b>	Not flammable or combustible. May react vigorously with strong alkalis. Flammable and explosive hydrogen gas may be formed on contact with metals.
<b>Hazchem Code</b>	2X

## Section 6 - Accidental Release Measures

<b>Emergency Procedures</b>	Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas. Wear appropriate eye, skin and respiratory protection as outlined in this MSDS.
<b>Spills &amp; Disposal</b>	SMALL SPILLS: Take up with sand, dirt or vermiculite. DO NOT use sawdust. Use non-sparking tools. Place into labelled drum(s) for later disposal. LARGE SPILLS: Notify Emergency Services (Police or Fire Brigade). Tell them exact location, nature, hazards, quantities, type of vehicle and any other information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this MSDS. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

## Section 7 - Handling and Storage

<b>Conditions for safe storage, including any incompatibilities</b>	Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition, alkalis, combustibles and oxidizing agents. All equipment must be earthed. Store in original packages as approved by manufacturer. Check all fittings, valves, reticulation (piping) and any ancillary equipment for leaks. A supplied air respirator or a Self-Contained Breathing Apparatus (SCBA) for emergencies should be available and checked regularly. For further information please refer to the Engineering Controls of this MSDS.
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## Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limit (OEL) Values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Oxalic acid	2		1		
<b>Other Exposure Information</b>	No value assigned by the National Occupational Health and Safety Commission (Worksafe Australia).					
<b>Engineering Controls</b>	Corrosive liquid. Single significant exposure may cause severe injury or even death. Maintain adequate ventilation at all times. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition. Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the					

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<b>Personal Protective Equipment</b>	<p>potential for exposure. Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions. If engineering controls and work practices are not effective in preventing or controlling exposure, then suitable personal protective equipment, which is known to perform satisfactorily, should be used.</p> <p>Avoid contact with the skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-</p> <ul style="list-style-type: none"> <li>Face shield or safety glasses</li> <li>Gloves, rubber or plastic</li> <li>Plastic apron, sleeves and boots</li> <li>Overalls</li> </ul> <p>Avoid breathing of vapours. Select and use respirators in accordance with AS/NZS 1715/1716. When the concentration of airborne contaminants reach the exposure standards then the use of a half-face respirator with acid vapour cartridge is recommended. For high concentration use a atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus supplied air respirator complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant.</p> <p>Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.</p>
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## Section 9 - Physical and Chemical Properties

<b>Form</b>	Liquid
<b>Appearance</b>	Viscous green liquid.
<b>Odour</b>	Citrus
<b>Solubility in Water</b>	Soluble.
<b>Specific Gravity</b>	1.1
<b>pH</b>	1.2-1.8
<b>Vapour Pressure</b>	23 hPa @ 20 °C
<b>Flash Point</b>	None
<b>Flammability</b>	Non flammable liquid.

## Section 10 - Stability and Reactivity

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Possibility of Hazardous Reactions</b>	Contact with metals may produce hydrogen gas which is flammable. If splashing occurs rinse with water and wipe clean. Do not mix with bleaches, or other cleaning solutions.
<b>Conditions to Avoid</b>	Heat and incompatibles.
<b>Incompatible Materials</b>	Strong bases, aluminium, zinc, magnesium and oxidizing agents.
<b>Hazardous Decomposition Products</b>	Emits choking and corrosive fumes when heated to decomposition.

## Section 11 - Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50: Oxalic acid 375mg/kg oral, rat
<b>Ingestion</b>	Harmful if swallowed. May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.
<b>Inhalation</b>	May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.
<b>Skin</b>	Harmful by skin contact. May cause irritation to the skin, with effects including; Redness and itchiness.

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<b>Eye</b>	May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.
<b>Chronic Effects</b>	Prolonged or repeated skin contact may lead to dermatitis. Product may also be absorbed through the skin with resultant toxic effects. Prolonged or repeated exposure may lead to irreversible damage to health.

## Section 12 - Ecological Information

<b>Ecotoxicity</b>	In large concentrations this product is detrimental to the aquatic environment.
<b>Persistence and Degradability</b>	Inherently biodegradable
<b>Mobility</b>	Readily dilutes with water.
<b>Environmental Protection</b>	Avoid contaminating waterways, drains, sewers, or ground.

## Section 13 - Disposal Considerations

<b>Waste Disposal</b>	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Advise on acidic nature. Normally suitable for disposal by approved waste disposal agent.
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## Section 14 - Transport Information

<b>Transport Information</b>	Classified as a Class 8 Dangerous Good. Dangerous Goods of Class 8 Corrosives are incompatible in a placard load with any of the following: - Class 1, Class 4.3, Class 5, Class 6, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids and Class 7.
<b>ADG UN Number</b>	3265
<b>ADG Proper Shipping Name</b>	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
<b>ADG Transport Hazard Class</b>	8
<b>ADG Packing Group</b>	III
<b>Hazchem Code</b>	2X
<b>EPG Number</b>	8A1
<b>IERG Number</b>	37

## Section 15 - Regulatory Information

<b>Poisons Schedule</b>	S6
<b>Australia (AICS/AIIC)</b>	All components listed.

## Section 16 - Any Other Relevant Information

<b>Date of Preparation</b>	9/11/2024
<b>Literature References</b>	Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons Australian Code for the Transport of Dangerous Goods by Road & Rail Globally Harmonised System of classification and labelling of chemicals GHS7
<b>Signature of Preparer/Data Service</b>	Technical manager Tel: (03) 9450 4555
<b>Technical Contact Numbers</b>	Emergency Advice All Hours: Chief Chemist Tel: (03) 9450 4555 Mon-Fri 8am - 6pm Poisons Information Centre: 13 11 26 - 24hrs
<b>Other Information</b>	This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The

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company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.  
...End Of MSDS...

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