SAFETY DATA SHEET

MAG KLEEN

Infosafe No.: VARCO
ISSUED Date : 01/07/2023
ISSUED by: Milestone Chemicals Pty. Ltd.

1. IDENTIFICATION

GHS Product Identifier
MAG KLEEN

Company Name
Milestone Chemicals Pty. Ltd. (ABN 85115166357)

Address
115 Northern Road West Heidelberg
VIC 3081 Australia

Telephone/Fax Number
Tel: (03) 9450 4555
Fax: (03) 9457 5518

Emergency phone number
Poisons Information Centre Tel 131126

Recommended use of the chemical and restricons on use
For the cleaning and removal of brake dust from mag wheels and associated surfaces.

Disclaimer
The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific proper es. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
Acute Toxicity - Dermal: Category 4
Acute Toxicity - Oral: Category 4

Signal Word (s)
WARNING

Hazard Statement (s)
H302 Harmful if swallowed.
H312 Harmful in contact with skin.

Precautionary Statement (s)
P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s)
Exclamation mark

Precautionary statement – Prevention
P264 Wash contaminated skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P330 Rinse mouth.
P363 Wash contaminated clothing before reuse.

Precautionary statement – Storage
P404 Store in a closed container.

Precautionary statement – Disposal
P501 Dispose of contents/container: Recycle packaging by replacing cap and returning clean containers to recycler or designated collecton point.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

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

4. FIRST-AID MEASURES

Inhalation
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.

Inges on
Rinse mouth with water. Do not induce vomiting. Give a glass of water to be taken slowly. Seek medical advice.

Skin
If skin contact occurs, remove contaminated clothing and wash skin thoroughly. See a doctor.

Eye contact
If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

First Aid Facilities
Eye wash station and normal washroom facilities.

Advice to Doctor
Product contains >10% oxalic acid solution. Treat symptomatically. Contact Poisons Information Centre.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing media appropriate to surrounding fire. Use water spray to cool containers and surrounds.

Hazards from Combustion Products
If involved in a fire may generate noxious and corrosive fumes.

Specific Methods
Fire-fighters to wear self contained breathing apparatus and protective equipment. If safe to do so remove containers from path of fire.

Specific Hazards Arising From The Chemical
Not flammable or combustible. May react vigorously with strong alkalis. Flammable and explosive hydrogen gas may be formed on contact with metals.

Hazchem Code
2X

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures
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.

Spills & Disposal
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 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.

7. HANDLING AND STORAGE

Conditions for safe storage, including any incompatibilities
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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Substance	Regula ons	Exposure Dura on	Exposure Limit	Units	Notes
Oxalic acid		TWA	1	mg/m3	
Oxalic acid		STEL	2	mg/m3	

Other Exposure Information
No value assigned by the National Occupational Health and Safety Commission (Worksafe Australia).

Appropriate Engineering Controls
Corrosive liquid. Single significant exposure may cause severe injury or even death. Maintain adeq uate 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 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.

Personal Protective Equipment
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:-
Face shield or safety glasses
Gloves, rubber or plastic
Plas c apron, sleeves and boots
Overalls
Avoid breathing of vapours. Select and use respirators in accordance with AS/NZS 1715/1716. When the concentra on of airborne contaminants reach the exposure standards then the use of a half-face respirator with acid vapour cartridge is recommended. For high concentra on use a atmosphere-supplied, posi ve 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.
Always maintain a high level of personal hygiene when using this product. That is wash hands before ea ng, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form
Liquid

Appearance
Viscous green liquid.

Odour
Citrus

Solubility in Water
Soluble.

Specific Gravity
1.1

pH
1.2-1.8

Vapour Pressure
23 hPa @ 20 °C

Flash Point
None

Flammability
Non flammable liquid.

10. STABILITY AND REACTIVITY

Chemical Stability
Stable under normal use conditions.

Conditions to Avoid
Heat and incompatibles.

Incompatible materials
Strong bases, aluminium, zinc, magnesium and oxidizing agents.

Hazardous Decomposition Products
Emits choking and corrosive fumes when heated to decomposition.

Possibility of hazardous reac ons
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.

11. TOXICOLOGICAL INFORMATION

Toxicology Information
No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

Acute Toxicity - Oral
LD50: Oxalic acid 375mg/kg oral, rat

Ingestion
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.

Inhala on
May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.

Skin
Harmful by skin contact. May cause irritation to the skin, with effects including; Redness and itchiness.

Eye
May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Chronic Effects
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.

12. ECOLOGICAL INFORMATION

Ecotoxicity
In large concentrations this product is detrimental to the aqua c environment.

Persistence and biodegradability
Inherently biodegradable

Mobility
Readily dilutes with water.

Environmental Protection
Avoid contaminating waterways, drains, sewers, or ground.

13. DISPOSAL CONSIDERATIONS

Waste Disposal
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.

14. TRANSPORT INFORMATION

Transport Information
Classified as a Class 8 Dangerous Good.
Dangerous Goods of Class 8 Corrosives are incompa ble 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.

U.N. Number
3265

UN proper shipping name

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Transport hazard class(es)
8

Packing Group
III

Hazchem Code
2X

IERG Number
37

15. REGULATORY INFORMATION

Poisons Schedule
S6

Australia (AICS)
All components listed.

16. OTHER INFORMATION

Date of preparation or last revision of SDS
12/02/2017

References
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

Signature of Preparer/Data Service
Technical manager Tel: (03) 9450 4555

Technical Contact Numbers
Emergency Advice All Hours:
Chief Chemist Tel: (03) 9450 4555 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs

Other Informa on
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 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 SDS