

Infosafe No™ VARLO	Issue Date : November 2024	ISSUED by MILESTON
Product Name <b>BOWL-KLEEN</b>		

## Section 1 - Identification

**Product Identifier** BOWL-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** (03) 9450 4555 Mon-Fri 8am - 6pm

**Recommended use of the chemical and restrictions on use** Citric Acid cleaner for toilets and urinals.

## Section 2 - Hazard(s) Identification

**GHS Classification of the Substance/Mixture** Not classified as Hazardous  
Not classified as a Dangerous Good

**Signal Word** NONE

**Hazard Statement (s)** None

**Pictogram (s)** None

**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 collection point.

**Precautionary Statement – General** P102 Keep out of reach of children.

## Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Citric Acid	77-92-9	5-15 %
	Didecyl Dimethyl Ammonium Chloride	7173-51-5	0-1 %
	Other ingredients determined not to be hazardous, including water	N/A	to 100%

## Section 4 - First Aid Measures

**Inhalation** Remove victim to fresh air.

**Ingestion** Rinse mouth with water. Do NOT induce vomiting. Give water to drink to be taken slowly. Seek medical advice.

**Skin** Remove heavily contaminated clothing. Wash affected area with water for at least 15 minutes. If irritation develops or persists seek medical advice.

**Eye** Immediately irrigate with copious quantities of water for at least 15 minutes. Hold eyelids open. Seek medical attention.

**First Aid Facilities** Eye wash station and normal washroom facilities.

**Advice to Doctor** Treat symptomatically for acids (citric acid).

## Section 5 - Firefighting Measures

**Suitable Extinguishing Media Specific Methods** Use extinguishing media appropriate to surrounding fire. Use water spray to cool containers and surrounds.  
Fire-fighters to wear self contained breathing apparatus and protective equipment. If safe to do so remove containers from path of fire.

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**Specific Hazards Arising from the Chemical** Non-flammable liquid. However, flammable and explosive hydrogen gas may be formed on contact with metals.

## Section 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** Wear protective equipment to prevent skin and eye contamination consisting of rubber gloves and safety goggles. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. Wash down area with excess water.

## Section 7 - Handling and Storage

**Conditions for safe storage, including any incompatibilities** Store in cool place in sealed plastic containers. Store in a well ventilated area. Store away from oxidising agents and foodstuffs. Store away from sources of heat. Keep containers closed when not in use.

## Section 8 - Exposure Controls and Personal Protection

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

**Engineering Controls** Acidic liquid. Maintain adequate ventilation at all times. For normal use as a toilet bowl cleaner, no special engineering controls are required.

**Personal Protective Equipment** Avoid contact with the skin and eyes. Avoid breathing the vapour. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-  
 PVC or nitrile rubber gloves.  
 Safety glasses or chemical goggles to protect eyes.  
 For normal use as a toilet bowl cleaner, household gloves are recommended as the only PPE.  
 Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

## Section 9 - Physical and Chemical Properties

**Form** Liquid  
**Appearance** Thick blue liquid  
**Odour** Floral  
**Solubility in Water** Miscible at all concentrations.  
**Specific Gravity** 1.04  
**pH** 2.2 - 2.4  
**Flash Point** None  
**Flammability** Non flammable.

## Section 10 - Stability and Reactivity

**Chemical Stability** Stable under normal use conditons.

**Possibility of Hazardous Reactions** Contact with metals may produce hydrogen gas which is flammable. If splashing occurs rinse with water and wipe clean. Do not mix with bleaches, acids, or other cleaning solutions.

**Conditions to Avoid** Heat and incompatibles.

**Incompatible Materials** Strong bases, aluminium, zinc, magnesium and oxidizing agents.

**Hazardous Decomposition Products** If involved in a fire, toxic fumes will be evolved.

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## Section 11 - Toxicological Information

<b>Toxicology Information</b>	No adverse health effects are expected, if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:
<b>Acute Toxicity - Oral</b>	LD50: Citric acid: 11700 mg/kg oral, rat Didecyldimethylammonium chloride 366 mg/kg oral, rat
<b>Ingestion</b>	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>	May cause irritation to the skin, with effects including; Redness and itchiness.
<b>Eye</b>	May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.
<b>Chronic Effects</b>	No prolonged or repeated exposure information is available for this product.

## Section 12 - Ecological Information

<b>Ecological Information</b>	There are no know ecological effects of this product. If any large chemical spills occur, it is good practice to prevent chemicals from entering waterways.
<b>Persistence and Degradability</b>	The surfactant used in this product is considered to be readily biodegradable.
<b>Mobility</b>	Readily transported by 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>	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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## Section 15 - Regulatory Information

<b>Poisons Schedule</b>	Not Scheduled
<b>Australia (AICS/AIIC)</b>	All components listed.

## Section 16 - Any Other Relevant Information

<b>Date of Preparation</b>	10/11/2024
<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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