

SAFETY DATA SHEET

BOWL-KLEEN

Infosafe No.: VARLO
ISSUED Date : 22/10/2020
ISSUED by: Milestone Chemicals Pty. Ltd.

1. IDENTIFICATION

GHS 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.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Not classified as Hazardous

Not classified as a Dangerous Good

Signal Word (s)

NONE

Hazard Statement (s)

None

Precautionary statement – General

P102 Keep out of reach of children.

P104 Read Safety Data Sheet before use.

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

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

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 contact

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).

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

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

Non-flammable liquid. However, flammable and explosive hydrogen gas may be formed on contact with metals.

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.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No Exposure Limit Established

Other Exposure Information

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

Appropriate 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.

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.

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

If involved in a fire, toxic fumes will be evolved.

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.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

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:

Acute Toxicity - Oral

LD50: Citric acid: 11700 mg/kg oral, rat

Didecyltrimethylammonium chloride 366 mg/kg oral, rat

Ingestion

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.

Inhalation

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

Skin

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

No prolonged or repeated exposure information is available for this product.

12. ECOLOGICAL INFORMATION

Ecological information

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.

Persistence and degradability

The surfactant used in this product is considered to be readily biodegradable.

Mobility

Readily transported by 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

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Poisons Schedule

Not Scheduled

Australia (AICS)

All components listed.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

22/10/2020

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 Information

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

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