

Infosafe No™ VARLP	Issue Date : September 2015	ISSUED by HUNTER
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Product Name **BOWL-CARE**

Not classified as hazardous

ADDENDUMS

1. Identification

GHS Product Identifier BOWL-CARE

Company Name Hunter Industrials Pty Ltd (ABN 083 330 974)

Address 51-53 Lakewood Blvd
Braeside
Vic 3195 Australia

Telephone/Fax Number Tel: (03) 9586 2888
Fax: (03) 9587 9851

Emergency phone number 0409 949 298

E-mail Address sales@huntind.com.au

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
	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%

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.

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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.
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8. Exposure controls/personal protection

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 conditons.
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

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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: Citric acid: 11700 mg/kg oral, rat Didecyldimethylammonium 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.
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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.
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15. Regulatory information

Poisons Schedule	Not Scheduled
AICS (Australia)	All components listed.

16. Other Information

Signature of Preparer/Data Service	Technical Manager 03 9580 2499
Technical Contact Numbers	Emergency Advice All Hours: Tel: 0409 949 298 Mon-Fri 8am - 6pm Poisons Information Centre: 13 11 26 - 24hrs
Other Information	This MSDS 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 MSDS carefully, and if in doubt ring the Contact Point Number given below. ...End Of MSDS...



Safety Data Sheet

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