

Infosafe No™ VAR3W	Issue Date : March 2016	ISSUED by HUNTER
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Product Name **TOTAL BATHROOM CLEANER**

1. Identification

GHS Product Identifier TOTAL BATHROOM CLEANER

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 All Natural, Citric Acid Cleaner. Designed to clean and sanitise all washable surfaces within bathroom areas.

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	1-10 %
	Ingredients determined not to be hazardous, including water.		to 100%

4. First-aid measures

Inhalation Remove from exposure to fresh air. If aspirated into the lungs, obtain medical attention.

Ingestion Do NOT induce vomiting. Give a glass of water to be taken slowly. See a doctor.

Skin If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation persists, 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 Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre. Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media Use extinguishing media appropriate to surrounding fire.

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Hazards from Combustion Products Water vapour, carbon dioxide and oxides of nitrogen and sulphur. Incomplete combustion may generate carbon monoxide.

Specific Methods If safe to do so, move undamaged containers from fire area. In case of small fire/explosion use water. In case of major emergency use PPE: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Specific hazards arising from the chemical Not a fire hazard. Not an explosion hazard.

6. Accidental release measures

Spills & Disposal Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal.

7. Handling and storage

Conditions for safe storage, including any incompatibilities Store in cool place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a bunded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.

8. Exposure controls/personal protection

Appropriate engineering controls None for normal domestic use. For commercial/industrial use: Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

Personal Protective Equipment Prevent contact with the eyes. Avoid contact with the skin. Avoid breathing of vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-
Glasses
Gloves, rubber or plastic
Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form Liquid
Appearance Clear dark green liquid
Odour Citrus vanilla fragrance.
Boiling Point 100C
Solubility in Water Miscible with water in all proportions.
Specific Gravity 1.05
pH 3.0-3.5
Vapour Pressure Not available.
Flash Point None
Flammability Not flammable.

10. Stability and reactivity

Chemical Stability Stable under normal use conditons.

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Conditions to Avoid	Heat, flames, ignition sources and incompatibles.
Incompatible Materials	Strong alkalis, acids, oxidizing agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

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 Mixed surfactants: 1800-3400mg/kg oral, rat. Citric acid 11.7 g/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 and headache.
Skin	Will have a degreasing effect on the skin. May cause irritation with effects including; Redness and itchiness.
Eye	Will cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision. Depending upon duration of exposure, eye damage may occur.
Chronic Effects	Prolonged or repeated skin contact may lead to dermatitis. Prolonged contact may cause severe eye irritation and some form of permanent eye damage may occur.

12. Ecological information

Persistence and degradability	Major components are readily biodegradable.
Mobility	Dissolves in water readily.
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. 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 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

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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 MSDS...

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