

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Toilet Bowl & Shower Recess Cleaner

Recommended Use: General bathroom cleaner

Supplier: Big Bubble
ABN: 42 719 707 618

Street Address: 18 Elliott Street
Midvale
Western Australia

Telephone Number: +61 08 9274 1992

Poisons Information Centre: 131 126 Australia

2. HAZARDS IDENTIFICATION

Road and Rail; Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Globally Harmonised System

Hazard Classification

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Hazard Categories Corrosive to metals – Category 1
Skin corrosion / irritation – Category 1
Serious eye damage / irritation – Category 1

Pictogram



Name of pictogram Corrosion

Signal Word Danger

Hazard Statements H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

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Precautionary Statement

General

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach from children.
P103 Read label before use.

Prevention

P234 Keep only in original packaging.
P260 Do not breathe mist/vapours/spray.
P264 Wash all exposed external body areas thoroughly after handling.
P270 Do not eat, drink, or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, eye protection, and face protection.

Response

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all clothing. Rinse skin with water.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTRE or doctor/physician/first aider.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P390 Absorb spillage to prevent material damage.
P391 Collect spillage.

Storage

P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Disposal

P501 Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulations.

Poisons Schedule:

Schedule 5

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Phosphoric acid	7664-38-2	5 – 15%
Hydrochloric acid	7732-18-5	1 – 5%
Ethanol	64-17-5	<1 – 5%
Alcohols, C12-14 ethoxylated	68439-50-9	<1%
Benzyl C12-16-alkyldimethylammonium chloride	68424-85-1	<1%
Ingredients determined not to be hazardous		Balance %

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4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

Ingestion:	IF SWALLOWED: Give water to rinse mouth out, then provide liquid slowly and as much as casualty can comfortably drink. Do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Never give liquid to a person showing signs of being sleepy or with reduced awareness i.e. becoming unconscious. Transport to hospital or doctor without delay.
Eye Contact:	IF IN EYES: Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and moving the eyelids by occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue flushing until advised to stop by a Poisons Information Centre, or doctor, or for at least 15 minutes. Transport to hospital or doctor without delay.
Skin Contact:	IF ON SKIN (or hair): Immediately flush the body and clothes with large amounts of water, using safety shower if available. Quickly remove all contaminated clothing, including footwear. Wash skin and hair with running water. Continue flushing until advised to stop by a Poisons Information Centre. Transport to hospital or doctor.
Inhalation:	IF INHALED: Remove victim from contaminated area. Lay patient down. Keep warm and rested. Prosthesis such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Do not use mouth-to-mouth method if victim ingested or inhaled substance. Administer oxygen if breathing is difficult. Perform CPR if necessary. Transport to hospital, or doctor without delay.
Medical attention and special treatment:	Treat symptomatically. Symptoms may be delayed up to 24 hours.

5. FIRE FIGHTING MEASURES

General:	If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out. Dike fire-control water for later disposal; do not scatter the material.
Flammability Conditions:	Non-combustible; substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
Suitable Extinguishing Media:	If material is involved in fire, use dry chemical, Carbon dioxide (CO ₂), foam or water spray for extinction. Use water spray or fog; do not use straight streams.
Fire and Explosion Hazards:	Contact with metals may evolve flammable hydrogen gas. Containers may explode when heated.

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Hazardous combustion products:	Fire may produce irritating, corrosive, and/or toxic gases, including hydrogen chloride and oxides of Carbon, Nitrogen and Phosphorous.
Precautions for fire fighters and special protective equipment:	Contain runoff from fire control or dilution water – Runoff may be corrosive and/or toxic and cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing – It may provide little or no thermal protection. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Auto Ignition temperature:	No Data Available
Decomposition Temperature:	No Data Available
Flammability:	No Data Available
Flash Point:	No Data Available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation – Ventilate closed spaces before entering. ELIMINATE all ignition sources (No smoking, flares, sparks, or flames in immediate area. All equipment used when handling the product must be grounded. Slippery when spilt. Avoid accidents, clean up immediately! Do not breathe mists/vapours and prevent contact with eyes, skin, and clothing.
Protective equipment:	Use personal protective equipment as required (see SECTION 8).
Emergency procedures:	Spill or leak area should be isolated immediately. Evacuate personnel to safe areas. Keep unauthorised personnel and unprotected personnel away. Stay upwind and/or uphill.
Environmental Precautions:	Prevent runoff into drains and waterways. If contamination of sewers or waterways has occurred, advise local emergency services.
Methods and materials for Containment and clean up:	Stop leak if you can do it without risk. Prevent entry into waterways, sewers, or basements, or confined areas. Absorb with earth, sand, or other non-combustible material and transfer to a suitable container for disposal (see SECTION 13). Neutralise residues with lime or soda ash. Wash area down with excess water.

7. HANDLING AND STORAGE

This material must be stored, maintained and used in accordance with the relevant regulations.

Conditions for safe storage:	Keep in the original container. Store in a cool, dry, and well-ventilated place, out of direct sunlight. Keep container tightly closed – check regularly for leaks. Keep away from heat and sources of ignition – No
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smoking. Keep away from food/feedstuffs and incompatible materials (see SECTION 13). Store locked up.

Precautions for safe handling:

Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation – Use only outdoors or in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice. Do not breathe mist/vapours/aerosols and prevent contact with eyes, skin, and clothing. Do not ingest. Wear protective gloves/protective clothing/eye protection/face protection and a suitable respirator (see SECTION 8). Always release caps or seals slowly to ensure low dissipation of vapours. Keep away from heat and sources of ignition – No smoking. Absorb spillages to prevent material damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control measures:

Benzyl C12-16-alkyldimethylammonium chloride – TEEL – 1 – 1.3 mg/m³

Hydrochloric acid:

Safe Work Australia Exposure Standard: TWA = 5 ppm (7.5 mg/m³) Peak limitation

Phosphoric acid:

Safe Work Australia Exposure Standard: TWA = 1 mg/m³

Biological Monitoring

No information available.

Engineering Controls

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Protective Equipment

Eye and Face

Wear appropriate eye protection to prevent eye contact. Recommended: Chemical goggles, full face shield.

Skin

Wear protective gloves. Recommended: Elbow-length impervious gloves, e.g. PVC. Wear appropriate personal protective clothing to avoid skin contact. Recommended: Wear overalls, apron, or equivalent impervious outer garment, and rubber boots.

Respiratory

If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. Recommended: Type A-P filter of sufficient capacity (refer to AS/NZS 1715 & 1716).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:

Liquid

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Colour:	Dark pink
Odour:	Lavender
pH:	1 – 2
Solubility:	Miscible with water
Auto Ignition temperature:	No Data Available
Decomposition Temperature:	No Data Available
Evaporation Rate:	No Data Available
Flammability:	No Data Available
Flash Point:	No Data Available
Boiling Point:	No Data Available
Melting/Freezing Point:	No Data Available
Freezing Point	No Data Available
Odour Threshold:	No Data Available
Partition coefficient: n-octanol/water	No Data Available
Relative Density:	No Data Available
Upper Flammability Limit	No Data Available
Lower Flammability Limit:	No Data Available
Explosive limits:	No Data Available
Vapour density:	No Data Available
Vapour pressure;	No Data Available
Viscosity:	No Data Available
Biopersistence:	No Data Available
Crystallinity:	No Data Available
Dustiness:	No Data Available
Particle size:	No Data Available
Redox potential:	No Data Available
Release of invisible flammable vapours and gases	No Data Available
Saturated Vapour Concentration	No Data Available

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10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions.
Conditions to avoid:	Keep away from incompatible materials. Keep away from heat and sources of ignition. Avoid formation of mists/aerosols.
Incompatible materials:	Incompatible/reactive with alkalis, oxidising agents, reducing agents, sodium hypochlorite, cyanides, and metals.
Hazardous decomposition products:	Fire/decomposition products will produce irritating, corrosive and/or toxic gases, including Hydrogen chloride and oxides of Carbon and Phosphorous.
Hazardous reactions or Polymerisation:	Will not occur.

11. TOXICOLOGICAL INFORMATION

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

Ingestion:	Harmful if swallowed. Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain, and chemical burns to the gastrointestinal tract.
Eye contact:	Causes serious eye damage. Contamination of the eyes may cause ulcerations, conjunctivites, permanent injury, and blindness.
Skin contact:	Harmful in contact with skin. Corrosive! Causes severe skin burns, ulceration, and permanent skin damage.
Inhalation:	Breathing in mists or aerosols may produce respiratory irritation.
Acute Toxicity:	Benzyl C12-16-alkyldimethylammonium chloride: LD50, Rabbit (Dermal): 1,490 mg/kg Hydrochloric acid: LD50, Rat (Oral): 238 – 277 mg/kg bw (3.3% concentration) [NICNAS]
Carcinogenicity:	Not expected to be carcinogenic.
Mutagenicity:	Not expected to be mutagenic.
Reproductive:	Not expected to impair fertility.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Alcohols C12-14 ethoxylated: LC50, Fish: 0.423 mg/L (96 h) [Supplier SDS]
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Benzyl C12-16-alkyldimethylammonium chloride:
EC50, Algae or other aquatic plants: 0.014 mg/L (72 h) [Supplier SDS]
EC50, Crustacea: 0.016 mg/L (48 h) [Supplier SDS]

Hydrochloric acid:
LC50, Fish (*Gambusia affinis*): 282 mg/L (96 h) [Supplier SDS]
EC50, *Daphnia* (Water flea): 56 mg/L (72 h) [Supplier SDS]

Persistence and degradability: No information available.

Bioaccumulative potential: Alcohols C12-14 ethoxylated:
HIGH (LogKOW = 5.96) [Supplier SDS]

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with all local, state and federal regulations.
All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.
Or refilled at Big Bubble in Midvale.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION

Poisons Schedule: Schedule 5

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

If swallowed, do NOT induce vomiting.

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor, or for at least 15 minutes.

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16. OTHER INFORMATION

Revision date: 19/20/2026

Reason for issue: Update SDS

This material safety data sheet has been prepared by Midland Chemicals.

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside Midland Chemicals control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.