

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Port-a-Chem
Recommended Use: Toilet sanitising fluid
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

Skin corrosion / irritation – Category 1
Serious eye damage / irritation – Category 1
Skin sensitiser – Category 1
Carcinogenicity – Category 1
Germ cell mutagenicity – Category 2
Acute toxicity (Inhalation) – Category 3

Pictogram



Name of pictogram

Corrosion, skull and crossbones, exclamation mark, health hazard

Signal Word

Danger

Hazard Statements

H301 Toxic if inhaled.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H341 Suspected of causing genetic defects.
H350 May cause cancer.

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Precautionary Statements

Prevention

P233 Keep container tightly closed.
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.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, eye protection, and face protection.

Response

P301 + P330 + P331 + 312 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE/doctor/physician/first aider if you feel unwell.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all clothing. Rinse skin with water or shower.
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.
P308 + P313 IF exposed or concerned: Get medical attention.
P310 Immediately call a POISON CENTRE/doctor/physician/first aider.
P333 + P313 If skin irritation or rash occurs: Get medical attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
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 6

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Alcohols C12-14 ethoxylated	68439-50-9	1 – 10%
Benzyl C12-16-alkyldimethylammonium chloride	68424-85-1	1 – 10%
Formaldehyde	50-00-0	<1 – 5%
Ethanol	64-17-5	<1%
Methanol	67-56-1	<1%
Formic acid	64-18-6	<0.01%
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: 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. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. 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 the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay.
Skin Contact:	IF ON SKIN (or hair): Immediately flush body and clothes with water, using safety shower if possible. Quickly remove all contaminated clothing and footwear. Wash skin and hair with water. Continue flushing with water until advised to stop by the Poisons Information Centre. Transport to hospital or doctor.
Inhalation:	IF INHALED: Remove victim from fresh air. Lay patient down. Keep warm and rested. Prosthesis such as false teeth, which may block air, 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. Perform CPR if necessary. Do not use mouth-to-mouth method if victim ingested or inhaled substance. 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.
Flammability Conditions	May burn but does not ignite readily.
Suitable Extinguishing Media:	Use dry chemical, Carbon dioxide (CO ₂), alcohol-resistant foam or water spray for extinction. Choose extinguishing media suitable for surrounding area.
Fire and Explosion Hazards	Not considered a significant fire risk but containers may explode.

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Hazardous combustion products:	Fire will produce irritating, corrosive, and/or toxic gases, including oxides of Carbon, Nitrogen, and other pyrolysis products.
Precautions for fire fighters and special protective equipment:	Contain runoff from fire control or dilution water. 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 enclosed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Do not touch or walk through spilled material. Clean up spills immediately. Do not breathe vapours and prevent contact with eyes, skin, and clothing.
Protective equipment:	Wear personal protective equipment as required (see SECTION 8).
Emergency procedures:	Spill or leak area should be isolated immediately. Keep unauthorised personnel away. Keep upwind and to higher ground.
Environmental Precautions:	Spillages and decontamination runoff should be prevented from entering drains and watercourses. If contamination of drains or waterways occurs, advise emergency services.
Methods and materials for Containment and clean up:	Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements, or confined areas. Dike far ahead of liquid spill for later disposal. Absorb with earth, sand, or other non-combustible material. Use clean, non-sparking tools to collect absorbed material and transfer labelled containers for disposal (see SECTION 13). Neutralise/decontaminate residue. Wash area and prevent runoff into drains.

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 containers securely sealed when not in use. Protect containers against physical damage and check regularly for leaks. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. Keep away from food/feedstuffs and incompatible materials (see SECTION 10). Store locked up.
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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. Do not handle until all safety precautions have been read and understood. Do not breathe mist/vapours/spray and prevent contact with eyes, skin, and clothing. Do not ingest. Wear protective gloves/protective clothing/eye protection/face protection (see SECTION 8). Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources – No smoking. Avoid release to the environment.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control measures:

Benzyl C12-16-alkyldimethylammonium chloride:
Teel-1 = 1.3 mg/m³

Ethanol:
National Occupational Health & Safety Commission: TWA = 1880 mg/m³

Formaldehyde:
Safe Work Australia Exposure Standard: TWA = 1 ppm (1.2 mg/m³)

Formic acid:
Safe Work Australia Exposure Standard: TWA = 5 ppm (9.4 mg/m³)

Methanol:
Safe Work Australia Exposure Standard: TWA = 200 ppm (262 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 may be required for supplementary but never for primary protection of eyes.

Skin

Wear protective gloves. Recommended: Long (elbow-length) impervious gloves, e.g. PVC, Vinyl gloves, NR latex, Nitrile, and Neoprene. Wear appropriate personal protective clothing to prevent skin contact. Recommended: Overalls, PVC apron. Wear safety footwear or safety gumboots, e.g. Rubber.

Respiratory

In case of inadequate ventilation, wear respiratory protection. Recommended: Type BAX filter of sufficient capacity (refer to AS/NZS 1715 & 1716).

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Blue
Odour:	Tutti-frutti
pH:	5 – 5.5
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

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Release of invisible flammable vapours and gases No Data Available

Saturated Vapour Concentration No Data Available

10. STABILITY AND REACTIVITY

- Chemical stability:** Stable under recommended storage conditions.
- Conditions to avoid:** Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources.
- Incompatible materials:** Incompatible/reactive with oxidising agents, strong bases, mild steel and galvanised steel, peroxides, isocyanates, and caustics.
- Hazardous decomposition products:** Fire will produce irritating, corrosive, and/or toxic gases, including oxides of Carbon, Nitrogen, and other pyrolysis products.
- Hazardous reactions or Polymerisation:** 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:** Toxic if swallowed. The material can produce chemical burns within the oral cavity and gastrointestinal tract following ingestion.
- Eye contact:** Causes serious eye damage. Vapours or mists may be extremely irritating.
- Skin contact:** Causes severe skin burns and eye damage.
- Inhalation:** Inhalation of vapours may cause drowsiness and dizziness. Low doses may cause a tingling sensation in the nose and upper respiratory tract. Higher concentrations may cause a burning sensation and headache.
- Acute Toxicity:** Benzyl C12-16-alkyldimethylammonium chloride:
LD50, Rat (Oral): ~358 mg/kg.
LD50, Rabbit (Dermal): 1490 mg/kg
LC50, Rat (Inhalation): 0.22 mg/L
- Formaldehyde:
LD50, Rat (Oral): 100 mg/kg bw.
LD50, Rabbit (Dermal): 270 mg/kg bw.
LC50, Mouse (Inhalation): 497 mg/m³.
- Carcinogenicity:** May cause cancer by inhalation.

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Mutagenicity: Suspected of causing genetic defects.

Reproductive: Not expected to impair fertility.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Benzyl C12-16-alkyldimethylammonium chloride:
LC50, Fish: 2.256 mg/L (96 hr) [Supplier's SDS]
EC50, Crustacea: 0.016 mg/L (48 hr) [Supplier's SDS]
EC50, Algae/other aquatic plants: ~0.02 mg/L (96 hr) [Supplier's SDS]

Formaldehyde:
LC50, Fish: 6.7 mg/L (96 hr) [Supplier's SDS]
LC50, Crustacea: 5.3 mg/L (96 hr) [Supplier's SDS]
EC50, Algae/other aquatic plants: 4.89 mg/L (72 hr) [Supplier's SDS]

Persistence and degradability: Formaldehyde:
Persistence (water/soil): LOW (Half-life = 14 days) [Supplier's SDS]
Persistence (air): LOW (Half-life = 2.97 days) [Supplier's SDS]

Bioaccumulative potential: Formaldehyde:
LOW (logKOW = 0.35) [Supplier's SDS]

Methanol:
LOW (BCF <10) [Supplier's SDS]

Mobility: Formaldehyde:
Soil: HIGH (KOC = 1) [Supplier's SDS]

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.

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15. REGULATORY INFORMATION

Poisons Schedule: Schedule 6

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.

16. OTHER INFORMATION

Revision date: 24/06/2026

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.