

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Pine Disinfectant

Recommended Use: General use cleaner

Supplier: Big Bubble
ABN: 51 290 656 636

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

Pictogram



Name of pictogram Corrosion

Signal Word Danger

Hazard Statements 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 of children.
P103 Read label before use.

Prevention

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.
P301 + P312 IF SWALLOWED: Call a POISON CENTRE/doctor/physician/first aider.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated 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.
P310 Immediately call a POISON CENTRE/doctor/physician/first aider.
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 regulation.

Poisons Schedule:

Not scheduled.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Benzyl C12-16-alkyldimethylammonium chloride	68424-85-1	1 – 10%
Alcohols C12-14 ethoxylated	68439-50-9	1 – 5%
Ethanol	64-17-5	<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: Do NOT induce vomiting. Urgent hospital treatment is likely to be needed. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness i.e. becoming unconscious. Give water to rinse mouth, then provide liquid slowly and as much as casualty can comfortably drink. 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 away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by a Poison Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact:	IF ON SKIN (or hair): Immediately flush 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 with water until advised to stop by the Poisons Information Centre. Transport to hospital or doctor.
Inhalation:	IF INHALED: Remove from contaminated area. Lay patient down. Keep warm and rested. Prosthesis such as false teeth, which may block airway, 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. Transport to hospital or doctor without delay.
Medical attention and special treatment:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

General	Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.
Flammability Conditions	Non-combustible. Not considered to be a significant fire risk.
Suitable Extinguishing Media:	Water spray, foam, dry chemical powder, carbon dioxide (CO ₂). Use extinguishing media suitable for surrounding area. Do not use water in a jet.
Fire and Explosion Hazards	Heating may cause expansion or decomposition leading to violent rupture of containers.

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Hazardous combustion products:	May emit corrosive and poisonous fumes including oxides of Carbon and Nitrogen, hydrogen chloride, and phosgene.
Precautions for fire fighters and special protective equipment:	Alert fire brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus. Prevent by any means available, spillage from entering drains or water course. Equipment should be thoroughly decontaminated after use.
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 areas before entering. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Do not touch or walk through spilled material – Slippery when spilt. Avoid accidents, clean up 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 should be isolated immediately. Evacuate personnel to safe areas. Keep unauthorised personnel away. Keep upwind and to higher ground.
Environmental Precautions:	Avoid contamination of waterways. If contamination of sewers or waterways occurs, advice 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, basements, and confined areas. Absorb or cover with earth, sand, or other non-combustible material and transfer to containers for disposal (see SECTION 13). 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 only 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, hot surfaces, sparks, open flames, and other ignition sources – No smoking. Keep away from foodstuffs and incompatible materials (see SECTION 10). 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, especially in confined areas. Handle in accordance with

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good industrial hygiene and safety practice. 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 and suitable respirator (see SECTION 8). Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources – No smoking. Absorb spillage to prevent material damage (see SECTION 6).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control measures:	For benzyl C12-16-alkyldimethylammonium chloride: TEEL-1 = 1.3 mg/m ³ TEEL-2 = 14 mg/m ³ TEEL-3 = 84 mg/m ³
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 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: Safety glasses with side shields.
Skin	Wear protective gloves. Recommended: Wear chemical protective gloves, e.g. PVC or neoprene.
Respiratory	Wear respiratory protection if exposure limits are exceeded or if irritation or other symptoms are experienced. Recommended: Type A-P Filter of sufficient capacity (refer to AS/NZS 1715 & 1716).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Yellow
Odour:	Pine
pH:	7 – 8
Solubility:	Miscible with water
Auto Ignition temperature:	No Data Available
Decomposition Temperature:	No Data Available
Evaporation Rate:	No Data Available

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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

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	Avoid contact with incompatible substances.
Incompatible materials:	Strong oxidising agents, chlorine bleaches, pool chlorine.

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Hazardous decomposition products:

May emit corrosive and poisonous fumes including oxides of Carbon and Nitrogen, hydrogen chloride, and phosgene.

Hazardous reactions or Polymerisation:

Hazardous 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:	May be harmful if swallowed. May cause gastrointestinal tract irritation with nausea, vomiting, and diarrhoea.
Eye contact:	Contamination of the eyes can result in permanent injury.
Skin contact:	May cause skin irritation.
Inhalation:	May cause respiratory tract irritation.
Acute Toxicity:	<p>For benzyl C12-16-alkyldimethylammonium chloride:</p> <p>Dermal (rabbit) LD50: 1490 mg/kg [Supplier's SDS]. Inhalation (rat) LC50: 0.22 mg/L [Supplier's SDS]. Oral (rat) LD50: ~358 mg/kg [Supplier's SDS].</p> <p>For alcohols C12-14 ethoxylated:</p> <p>Oral (rat) LD50: >2,000 mg/kg [Supplier's SDS].</p>
Carcinogenicity:	Not expected to be carcinogenic.
Mutagenicity:	Not expected to be mutagenic.
Reproductive:	Not expected to impair fertility.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	<p>For benzyl C12-16-alkyldimethylammonium chloride:</p> <p>EC50 (72 h), algae or other aquatic plants: 0.014 mg/L [Supplier's SDS]. EC50 (48 h), crustacea: 0.016 mg/L [Supplier's SDS]. LC50 (96 h), fish: 2.256 mg/L [Supplier's SDS].</p> <p>For alcohols C12-14 ethoxylated:</p> <p>EC50 (72 h), algae or other aquatic plants: 0.044 mg/L [Supplier's SDS]. EC50 (48 h), crustacea: 0.125 mg/L [Supplier's SDS]. LC50 (96 h), fish: 0.423 mg/L [Supplier's SDS].</p>
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Persistence and degradability:	No information available.
Bioaccumulative potential:	For alcohols C12-14 ethoxylated: HIGH (LogKOW = 5.96) [Supplier's 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: Not scheduled

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: 25/01/2026

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.

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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.