

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name: PINESAN

Recommended use: General Purpose Disinfectant / Cleaner

Supplier: Challenge Chemicals Australia
ACN: 68 059 129 568
Street Address: 6 Butcher Street
KWINANA
PERTH W.A. 6167

Telephone: (08) 9419 5577
Facsimile: (08) 9419 4958

Emergency Telephone number: (08) 9419 5577 (7.00am to 4.30pm)
0419 049 003

2. HAZARDS IDENTIFICATION

Non Hazardous according to Australian WHS regulations.
No signal words, pictograms, hazard or precautionary statements have been allocated.
No information provided for other hazards.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: Air Freshener, disinfectant.

Appearance: Thin clear yellow liquid with pine fragrance.

CHEMICAL ENTITY	CAS NO.	EC Number	Content
Quaternary Ammonium Compounds Benzyl C12-16 Alkyldimethyl, Chlorides	68424-85-1	264-151-6	<10%
Other ingredients determined to be Non Hazardous.	Not Available	Not Available	>60%

All the constituents of this materials are listed on the Australian Inventory of Chemical Substances (AICS).

4. FIRST AID MEASURES

Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons. Ring 13 11 26

Ingestion: Immediately rinse mouth with water. Give water to drink. Do NOT induce vomiting. If vomiting occurs, place victim's face downwards, head lower than hips to prevent vomit entering lungs. Seek immediate medical assistance.

Eye Contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical assistance if irritation persists.

Skin Contact: Immediately wash contaminated skin with plenty of water. For gross contamination, immediately drench with water and remove clothing. Remove contaminated clothing and wash before re-use.

Inhalation: Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered.

Important Symptoms: See section 11 for more detailed information on health effects and symptoms.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire fighting further advice: Not combustible. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Suitable extinguishing media: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Special Hazards: Non flammable. May evolve toxic gases (carbon nitrogen oxides, ammonia, chlorides, hydrocarbon) when heated to decomposition.

Hazchem Code: None allocated.

6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Contain using sand and soil – prevent runoff into drains and waterways. Use absorbent (soil or sand, inert material, vermiculite). Collect and seal in properly labeled containers for disposal.

Wear personal protective equipment as detailed in section 8 of the SDS.

7. HANDLING AND STORAGE

Storage: Store in cool area away from sunlight, heat and oxidizing agents. Keep containers sealed and in upright position. Wash hands before smoking and eating.

Before use carefully read the product label. Safe working practices are recommended.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits.

No exposure standards entered for this product.

Biological Limits: No biological limits entered for this product.

As published by the National Occupational Health and Safety Commission (Worksafe Australia).

Peak limitation – a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

This exposure standard is a guide to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Measures: Avoid inhalation. Use in well ventilated areas.

Personal Protection Equipment: Wear splash proof goggles. Wear PVC or rubber gloves. Wear coveralls when using large quantities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Blue clear thin liquid with spice fragrance.

Specific Gravity : 1.0

Rel Vapour Density: Not determined

Vapour Pressure : Not determined

Flash Point: Not determined

Flammability Limits: Not determined

Autoignition Temp (C): Not determined

% Volatile by Volume: 90

Solubility in Water: 100%

Melting Point (C): Not applicable

Boiling Point (C): Not determined

Decomp. Point (C): Not determined

Sublimation Point: Not applicable

pH: Not determined

Viscosity: Not determined

Evaporation Rate: Not determined

10. STABILITY AND REACTIVITY

Stability: Stable

Reactivity: Carefully review all information provided below.

Hazardous Polymerisation: Will not occur.

Conditions to Avoid: Avoid open flames, heat, sparks and any other ignition sources.

Materials to Avoid: Oxidising agents, anionic detergents, heat and ignition sources.

Hazardous Decomposition Products: May evolve toxic gases when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

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

Acute Toxicity: Based on the available data this product is expected to be of low toxicity.

Ingestion: Swallowing may result in nausea, vomiting, diarrhoea and abdominal pain

Eye Contact: Contamination of the eyes may result in irritation.

Skin Contact: Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Inhalation: Inhalation of mists may result in respiratory irritation.

Sensitisation: No sensitisation to skin or respiratory system. Although very rare, occupational exposure to Quaternary Ammonium has been reported to cause asthma.

Acute toxicity: No information available.

Mutagenicity Carcinogenicity and Reproductive Toxicity: Not classified as a mutagen, carcinogen or reproductive toxin.

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Specific Target Organ Toxicity (STOT-RE & STOT-SE): Not classified as causing organ damage from single exposure. Over exposure may result in mild irritation of the nose and throat.

Aspiration Hazard: Not classified as causing aspiration.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information provided.

Bioaccumulative Potential: No information provided.

Persistence and Degradability: No information provided.

Mobility in Soil: No information provided.

Other adverse effects: Can be toxic to microorganisms.

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Small spills maybe flushed to drain with copious amounts of water. Alternatively, normally suitable for disposal at approved land waste site.

Dispose of waste water according to local, state and federal regulations.

14. TRANSPORT INFORMATION

Not Classified as Dangerous Goods according to ADG7, IATA-DGR and IMDG codes.

Environmental Hazards: No information provided.

Special Precautions: No information provided.

Hazchem Code: None allocated.

15. REGULATORY INFORMATION

Poison Schedule: No poison schedule number allocated as per SUSMP criteria.

Inventory Listings: All ingredients are listed in the Australian Inventory of Chemical Substances, AICS.

Classified and User Label Information: Classification and labelling have been performed according to regulations.

16. OTHER INFORMATION

Literary Reference: 1. SDS – Albright & Willson – Gardiquat 1450 - Issued March 2014

Abbreviations and Acronyms:

ADG7 -	Australian Code for the Transport of Dangerous Goods 7 th edition.
AICS -	Australian Inventory of Chemical Substance.
Cas No -	Chemical Abstracts Service Number (or CAS Registry Number).
EC Number -	European Community Number.
GHS -	Globally Harmonised System of Classification and Labelling of Chemicals.
Hazchem -	Emergency Action Code of Numbers and Letters that provide information to emergency services.
IATA-DGR -	Dangerous Goods Regulations by the International Air Transport Association.

IMDG - International Maritime Code for Dangerous Goods.
PH - Relates to Hydrogen Ion Concentration using a scale of 0 (High Acidic) to 14 (High Alkaline).
SDS - Safety Data Sheet.
STOT-RE - Specific Target Organ Toxicity (Repeated Exposure).
STOT-SE - Specific Target Organ Toxicity (Single Exposure).
SUSMP - Standard for the Uniform Scheduling of Medicines and Poisons.

This SDS summarises at the date of issue or 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. Since Challenge Chemicals Australia and its subsidiaries cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

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Edition, Revision: Edition A, Revision 3
Reason for Issue: GHS Update