

Infosafe No™ VAR8S	Issue Date : July 2016	ISSUED by HUNTERST
Product Name PINE 68		

1. Identification

GHS Product Identifier PINE 68

Company Name Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

Address 60 Gleadow Street INVERMAY
TAS 7248 Australia

Telephone/Fax Number Tel: 03 6331 4755
Fax: 03 6334 1065

Emergency phone number 0407 610 542

Recommended use of the chemical and restrictions on use As a cleaner and disinfectant for toilets and floors. Use as directed on the product label.

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 in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Water	7732-18-5	to 100%
	Other ingredients determined not to be hazardous	Not required	<10%
	Triethanolamine	102-71-6	<10%
	Surfactants		<10%
	Pine Oil	8002-09-3	<10%

4. First-aid measures

Inhalation Remove from exposure.

Ingestion Rinse mouth with water. Do not induce vomiting. Give a glass of water to be taken slowly. Seek medical advice.

Skin If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

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 Product is an aqueous solution containing low proportions of pine oil, triethanolamine and a surfactant. May be irritating to skin and eyes. If swallowed, vomiting should not have been induced because of risk of aspiration of froth into the lungs. May be a sensitiser for some individuals. Contact Poisons Information Centre.

5. Fire-fighting measures

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Suitable extinguishing media	Use extinguishing media appropriate to surrounding fire. Use water spray to cool containers and surrounds.
Hazards from Combustion Products	Water vapour, oxides of carbon, oxides of nitrogen.
Specific hazards arising from the chemical	Not a fire hazard. Not an explosion hazard.

6. Accidental release measures

Emergency Procedures	Contain. Increase ventilation.
Spills & Disposal	Disposal of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages. CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition. CARE! Spillages will be slippery. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapours.

7. Handling and storage

Conditions for safe storage, including any incompatibilities	Store in a cool, well ventilated place. Store out of reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep away from oxidising agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.
Unsuitable Materials	Incompatibles: Acids, oxidising agents.

8. Exposure controls/personal protection

Other Exposure Information	No value assigned by the National Occupational Health and Safety Commission (SafeWork Australia).
Appropriate engineering controls	Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible.
Personal Protective Equipment	Avoid contact with the skin and eyes. Avoid breathing aerosols. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Normal use: Safety glasses Gloves, rubber or plastic Industrial Quantities: Face shield or safety glasses Gloves, rubber or plastic Plastic apron, sleeves and boots Impervious overalls. Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form	Liquid
Appearance	Clear, brown, mobile, frothing liquid.
Odour	Smell of pine.
Boiling Point	100C
Solubility in Water	Miscible at all concentrations

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Specific Gravity	1.0
pH	9 - 11
Vapour Pressure	23 hPa @ 20C
Evaporation Rate	No data.
Flash Point	None
Flammability	Not flammable.
Other Information	Alkaline mixture. May react with acids. May react with strong oxidising agents. May darken on exposure to light and air. Very slippery when spilled.

10. Stability and reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Incompatible materials, light, air.
Incompatible Materials	Oxidising agents, acids.
Hazardous Decomposition Products	Oxides of nitrogen

11. Toxicological Information

Acute Toxicity - Oral	LD50: Pine oil 3,200 mg/kg oral, rat. 5,000 mg/kg skin, rabbit. Triethanolamine 4,920 mg/kg oral, rat. > 20,000 mg/kg skin, rabbit.
Ingestion	Likely to cause gastric upset, nausea, vomiting and diarrhoea. An aspiration risk.
Inhalation	Inhalation of concentrated vapours or aerosols may cause irritation of the mucous membranes, dizziness, difficulty breathing, coughing and wheezing. Aspiration of froth into the lungs during swallowing or vomiting may cause chemical pneumonitis (irritation of lung tissues) and pulmonary oedema (fluid build-up in the lungs). Onset of symptoms may be delayed.
Skin	Will have a degreasing effect on the skin which may lead to irritation on prolonged contact with the concentrate.
Eye	Irritating to eyes. May cause itching, redness and pain.
Chronic Effects	Repeated skin contact may cause irritation and dermatitic effects. Repeated inhalation exposure, or skin contact, may lead to sensitisation and allergy in some individuals. Triethanolamine is listed as a sensitiser, and pine oil has also been reported to have caused allergy in some individual cases.

12. Ecological information

Ecotoxicity	Harmful to aquatic organisms.
Persistence and degradability	No data.
Mobility	Readily transported by water.
Other Adverse Effects	Contains surfactant. Local concentrations may be harmful to aquatic organisms, including fish. Pine oil may be harmful to plants.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal	Refer to Land Waste Management Authority in your State.
Special precautions for landfill or incineration	Not suitable for incineration. May not be suitable for some landfill sites.

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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.

15. Regulatory information

Poisons Schedule Not Scheduled
AICS (Australia) All components listed.

16. Other Information

Signature of Preparer/Data Service Technical Manager 0407 610 542

Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)

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 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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