

Infosafe No™ VAR7N Issue Date : May 2016 ISSUED by HUNTERST

Product Name **GERM FREE LIQUID**

Classified as hazardous

1. Identification

GHS Product Identifier GERM FREE LIQUID

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 washroom cleaner for toilet bowls, urinals, chrome, stainless steel, porcelain and enamel. Use as directed on the product label.

2. Hazard Identification

GHS classification of the substance/mixture Eye Damage/Irritation: Category 2A
Skin Corrosion/Irritation: Category 2

Signal Word (s) WARNING

Hazard Statement (s) H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statement – General P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s) Exclamation mark



Precautionary statement – Prevention P264 Wash contaminated skin thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

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	Name	CAS	Proportion
	Sulphamic acid	5329-14-6	10-20 %
	Other ingredients determined not to be hazardous	Not required	0-10 %
	Quaternary Ammonium Compound	63449-41-2	0-10 %
	Non hazardous surfactants	Mixture	0-10 %
	Water	7732-18-5	to 100%

4. First-aid measures

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Inhalation	Remove victim from exposure.
Ingestion	Rinse mouth with water. Do NOT induce vomiting. Give water to drink to be taken slowly. Seek immediate medical advice.
Skin	Remove heavily contaminated clothing. Wash affected area with copious quantities of water for at least 15 minutes. If irritation develops or persists seek medical advice.
Eye contact	Immediately irrigate with copious quantities of water for at least 15 minutes. Hold eyelids open. Seek medical attention.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Product is an acidic mixture containing a moderate proportion of sulphamic acid, and low proportions of a quaternary ammonium salt and a surfactant. May be irritating to skin and eyes. If swallowed, vomiting should not have been induced because of the risk of aspiration of acidic froth into the lungs. Contact Poisons Information Centre.

5. Fire-fighting measures

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 sulphur, oxides of nitrogen, traces of hydrogen chloride.
Specific Methods	Fire-fighters to wear self contained breathing apparatus and protective equipment. If safe to do so remove containers from path of fire.
Specific hazards arising from the chemical	Non-flammable liquid. However, flammable and explosive hydrogen gas may be formed on contact with metals.

6. Accidental release measures

Emergency Procedures	Contain.
Spills & Disposal	For large spills: Contain spillages with sand or earth. Transfer both liquid and solids to suitable container(s). Treat residues as for small spills. For small spills: Spillages may be neutralised by the liberal application of soda ash. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise, absorb on inert absorbent and transfer to suitable closed container. Wash site of spillage thoroughly with water and detergent.

7. Handling and storage

Precautions for Safe Handling	Avoid contact with skin and eyes. Keep away from alkalis.
Conditions for safe storage, including any incompatibilities	Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep container tightly closed and out of direct sunlight. Keep away from alkalis, oxidising agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.
Unsuitable Materials	Incompatibles: Alkalis, oxidising agents.

8. Exposure controls/personal protection

Other Exposure Information	No value assigned by the National Occupational Health and Safety Commission (Worksafe Australia).
Appropriate engineering controls	Avoid using active metals, such as aluminium, tin and zinc, as materials of construction. Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if aerosol risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible.

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Personal Protective Equipment Avoid contact with 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:
 Eye/face protection
 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, blue, mobile liquid.
Odour Smell of oil of wintergreen.
Solubility in Water Miscible at all concentrations.
Specific Gravity 1.0 - 1.1
pH 1 - 2
Flash Point None
Flammability Non flammable.
Other Information Acidic mixture. Will react vigorously with alkalis. Contact with carbonates or bicarbonates will generate carbon dioxide, a simple asphyxiant. May be corrosive to mild steel and active metals. May react with strong oxidising agents. Slippery when spilled.

10. Stability and reactivity

Chemical Stability Stable under normal use conditons.
Conditions to Avoid Incompatible materials.
Incompatible Materials Acids, oxidising agents, some metals.
Hazardous Decomposition Products Oxides of sulphur, oxides of nitrogen, hydrogen chloride.
Possibility of hazardous reactions Contact with metals may produce hydrogen gas which is flammable. Corrosive to mild steel and active metals. If splashing occurs rinse with water and wipe clean. Do not mix with bleaches, acids, or other cleaning solutions.

11. Toxicological Information

Acute Toxicity - Oral LD50: Sulphamic acid: 3160 mg/kg oral, rat
 Benzalkonium chloride 240 mg/kg oral, rat
 Surfactants 3,000 mg/kg oral, mouse
Ingestion Ingestion can result in burning, pain in the mouth, throat and abdomen followed by vomiting and diarrhea. Mild toxicity.
Inhalation An unlikely route owing to the low volatility of most ingredients. Aspiration of froth into the lungs during swallowing or vomiting may cause chemical pneumonitis (irritation and inflammation of lung tissues) and pulmonary oedema (fluid build-up in the lungs), with the potential to become a medical emergency. Onset of symptoms may be delayed.
Skin May cause skin irritation in concentrated solution.
Eye May cause burns. Irritative.
Chronic Effects Repeated skin contact may lead to irritation and burns.

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12. Ecological information

Ecotoxicity	Harmful to aquatic organisms.
Persistence and degradability	The surfactant used in this product is not considered to be readily biodegradable.
Mobility	Readily transported by water.
Other Adverse Effects	Contains a quaternary ammonium compound, a non-biodegradable surfactant and a moderate proportion of sulphamic acid. Harmful to aquatic organisms, including fish.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal	Refer to Land Waste Management Authority in your State.
Product Disposal	Avoid disposal to natural waters or the environment.
Container Disposal	Do not use containers of mild steel, aluminium, tin, zinc or galvanised iron.
Special precautions for landfill or incineration	Unsuitable for incineration. May be unsuitable for some landfill sites.

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.
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15. Regulatory information

Poisons Schedule	S6
Hazard Category	Irritant
AICS (Australia)	All components listed.

16. Other Information

Signature of Preparer/Data Service	Technical Manager (03) 6431 9627
Technical Contact Numbers	Emergency Advice All Hours: Technical Manager: (03) 6431 9627 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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