

Infosafe No™ VAR9P	Issue Date : April 2016	ISSUED by HUNTER
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Product Name **GERMICIDAL LAUNDRY LIQUID**

Classified as hazardous

1. Identification

GHS Product Identifier GERMICIDAL LAUNDRY LIQUID

Company Name Hunter Industrials Pty Ltd (ABN 083 330 974)

Address 51-53 Lakewood Blvd
Braeside
Vic 3195 Australia

Telephone/Fax Number Tel: (03) 9586 2888
Fax: (03) 9587 9851

Emergency phone number 0409 949 298

E-mail Address sales@huntind.com.au

Recommended use of the chemical and restrictions on use Liquid Laundry Detergent used to control broad spectrum bacteria where thermal disinfection cannot be achieved. Suitable for both hot and cold water.

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.
H402 Harmful to aquatic life.

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: Recycle packaging by replacing cap and returning clean containers to recycler or designated collection point.

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Ingredients determined not to be hazardous, including water.		to 100%
	Dodecyl dimethyl benzyl ammonium chloride	139-07-1	5%

4. First-aid measures

Infosafe No™ VAR9P	Issue Date : April 2016	ISSUED by HUNTER
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Inhalation	Move victim to fresh air. Apply resuscitation if victim is not breathing.
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. If irritation persists see a doctor.
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 a dilute solution of surfactant, alkaline salts and quaternary ammonium compound. Vomiting has not been induced because of risk of aspiration into the lungs. Treat symptomatically. 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	Decomposes on heating emitting oxides of carbon, nitrogen and phosphorous and traces of hydrochloric acid.
Specific hazards arising from the chemical	Not a fire hazard. Not an explosion hazard.

6. Accidental release measures

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.
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7. Handling and storage

Conditions for safe storage, including any incompatibilities	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.
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8. Exposure controls/personal protection

Other Exposure Information	No value assigned by the National Occupational Health and Safety Commission (Worksafe Australia).
Appropriate engineering controls	Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.
Personal Protective Equipment	Avoid contact with the skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Safety glasses Gloves, rubber or plastic Respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposable) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716,

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or any other acceptable International Standard is recommended.
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	Slightly viscous, clear, blue liquid
Odour	Floral
Boiling Point	100C
Solubility in Water	Miscible at all concentrations
Specific Gravity	1.08
pH	13.1 - 13.5
Vapour Pressure	23 hPa @ 20C
Evaporation Rate	No data.
Flash Point	None
Flammability	Not flammable.

10. Stability and reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Heat, flames, ignition sources and incompatibles.
Incompatible Materials	Strong alkalis, acids, oxidizing agents
Hazardous Decomposition Products	Emits smoke and fumes when heated to decomposition.

11. Toxicological Information

Toxicology Information	No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:
Acute Toxicity - Oral	LD50 Quaternary ammonium salt 350 mg/kg oral, rat Surfactant 3,000 mg/kg oral, mouse
Ingestion	May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.
Inhalation	May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.
Skin	May cause irritation to the skin, with effects including: Redness and itchiness.
Eye	May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.
Chronic Effects	Prolonged or repeated skin contact may lead to dermatitis. No significant long term exposure effects have been reported.

12. Ecological information

Ecotoxicity	This product is biocidal in large quantities in the aquatic environment.
Persistence and degradability	Inherently Biodegradable
Mobility	Readily dilutes with water.
Information on Ecological Effects	Harmful to aquatic life.

Infosafe No™ VAR9P	Issue Date : April 2016	ISSUED by HUNTER
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Environmental Protection Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.

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 S5**Hazard Category** Irritant**AICS (Australia)** All components listed.

16. Other Information

Signature of Preparer/Data Service Technical Manager 03 9580 2499**Technical Contact Numbers** Emergency Advice All Hours:
Tel: 0409 949 298 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs**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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