

Infosafe No™ VARF3 Issue Date : December 2016 ISSUED by HUNTERST

Product Name **ENVIROKLEEN RTU**

1. Identification

GHS Product Identifier ENVIROKLEEN RTU

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 All natural, all purpose citrus based cleaner for use on most washable surfaces in a ready to use form.

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	Name	CAS	Proportion
	Ethanol	64-17-5	0-10 %
	Non hazardous surfactants	Mixture	0-10 %
	d - Limonene	5989-27-5	0-1 %
	Other ingredients determined not to be hazardous, including water	N/A	to 100%

4. First-aid measures

Inhalation Remove from exposure, rest and keep warm. In severe cases, or if exposure has been great, obtain medical attention.

Ingestion Do NOT induce vomiting. Give a glass of water to be taken slowly.

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 contains less than 10% each of methylated spirits, alkaline salts and mixed detergent solution. Vomiting has not been induced because of risk of aspiration into the lungs. No specific antidote. Contact Poisons Information Centre. Treat symptomatically.

5. Fire-fighting measures

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Suitable extinguishing media	Use water or extinguishing media appropriate to surrounding fire.
Hazards from Combustion Products	Water vapour, carbon dioxide, oxides of nitrogen. Incomplete combustion may generate carbon monoxide.
Specific Methods	In case of small fire/explosion use water. In case of major emergency use PPE: as required for other chemicals present.
Specific hazards arising from the chemical	Not classified as a flammable liquid.

6. Accidental release measures

Spills & Disposal	Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and shut off all possible sources of ignition. Spillages will be very slippery. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. If local regulations permit, wash down area with excess 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 vapour.
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7. Handling and storage

Conditions for safe storage, including any incompatibilities	Store in cool, well ventilated place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Keep away from naked flames and other sources of heat. Do not allow vapours to collect in enclosed spaces. Take precautions against static discharge. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.
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8. Exposure controls/personal protection

Occupational exposure limit values	<u>Name</u>	STEL		TWA		<u>Footnote</u>
		<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	
	Ethanol			1000		ACGIH TWA
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. Avoid breathing the vapour. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- PVC or natural rubber. Chemical goggles or faceshield to protect eyes. 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, 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	Clear orange liquid.
Odour	Orange/citrus fragrance.

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Boiling Point	> 100C
Solubility in Water	Miscible with water in all proportions.
Specific Gravity	1.0
pH	11.8-12.2
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 Ethanol: 7060mg/kg oral, rat. LC50 Ethanol: 38mg/L
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. Ingestion of moderate quantities can lead to ethanol intoxication.
Inhalation	May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.
Skin	Will degrease the skin and may lead to irritation or dermatitic effects. Product contains a small amount of d-limonene and this ingredient may cause sensitization by skin contact in some individuals.
Eye	Will cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision. Depending upon duration of exposure, eye damage may occur.
Chronic Effects	Prolonged or repeated skin contact may lead to dermatitis. Prolonged contact may cause severe eye irritation and some form of permanent eye damage may occur.

12. Ecological information

Ecotoxicity	Not severe.
Persistence and degradability	Readily biodegradable
Mobility	Readily dilutes with water.
Other Adverse Effects	This substance may cause long term adverse effects in the environment.
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.
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14. Transport information

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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

AICS (Australia) All components listed.

16. Other Information

Date of preparation or last revision of SDS 6/12/2016

Literature References Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons
Australian Code for the Transport of Dangerous Goods by Road & Rail
Globally Harmonised System of classification and labelling of chemicals

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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