

SAFETY DATA SHEET

Product Name: *Organic Insect Control RTU*

Print/View Date: 1/10/2024

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	Organic Insect Control Ready to Use
Recommended uses:	Insecticide
Restrictions on Use/Supply:	Do not apply directly into or onto water
Molecular Formula:	Mixture
Supplier:	Kiwicare Corporation Limited
Street Address:	225 Maces Road, Bromley, Christchurch, 8062 New Zealand
Postal Address:	P.O Box 15050, Aranui, Christchurch, 8643 New Zealand
Telephone	+64 3 389 0778
Email:	info@kiwicare.co.nz
Website:	www.kiwicare.co.nz
Emergency Contact Numbers:	0800 764 766 (0800 POISON)
National Poisons Centre:	0800 764 766 (0800 POISON)

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2. HAZARDS IDENTIFICATION

GHS Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
Skin Sens. 1	Not applicable for the UN RTDG Model Regulations		Warning	H317	P103 P261 P272 P280	P302 + P352 P333 + P313 P321 P363	No storage statements	P501

Signal word:

WARNING

Dangerous Goods:

Not a Dangerous Goods

Packaging Group:

N/A

Hazardous Substance (GHS) Codes:

Skin Sensitisation Cat. 1

Pictograms:



Hazard Statement:

H317: May cause an allergic skin reaction
Designed for biocidal action

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.
P261: Avoid breathing spray
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P333+313: If skin irritation or rash occurs: Get medical advice/attention.

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P321: For specific treatment refer to first aid instructions on the label

P363: Wash contaminated clothing before reuse.

P501: Rinse container and dispose to landfill or recycling where allowed. Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. Do NOT burn.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Translucent white low viscosity liquid.

Ingredients

Ingredients	CAS #	Content %
Pyrethrins (Pyrethrum)	8003-34-7	<0.1%
Non specified non-hazardous ingredients	NA (Mixture)	to 100 %

4. FIRST AID MEASURES

General information: In case of accident, or if you feel unwell, seek medical advice (show the label where possible).

Ingestion: Rinse mouth and drink one or two glasses of milk or water. If feeling unwell, get medical advice and have product label at hand.

Eye Contact: Unlikely to cause eye irritation. If in eyes and irritation develops wash with plenty of soap and water.

Skin Contact: May cause an allergic skin reaction. If on skin, wash with plenty of soap and water. If skin irritation or rash persists: Get medical advice/attention and have product label at hand.

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Inhalation:	Unlikely to cause an inhalation hazard. If breathing problems develop remove to fresh air and keep at rest in a position comfortable for breathing.
Advice for Medical Doctors:	Treat symptomatically

5. FIRE FIGHTING MEASURES

HAZCHEM code:	N/A
Specific Hazards:	None minimise the use of water to prevent environmental contamination.
Suitable Extinguishing Media:	Use extinguishing media appropriate to the surrounding conditions.
Fire Fighting Advice:	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Bund area with sand or earth to prevent contamination of drains or waterways. Safely dispose of fire-control, water or other extinguishing agent used and any spillage.
Hazardous Products of Combustion:	No data for mixture. Pyrethrins: When heated to decomposition it emits acrid smoke and irritating fumes

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 L):	Wear protective clothing. Clear area of unprotected personnel. Contain spill and collect. Do not allow product or washings to enter the waterways or sewer
Major Spills (more than 20 L):	Minimise spread. Contain spill and collect. Do not allow product or washings to enter waterways or sewer. Collect in an appropriate sealable container for disposal in an approved landfill.

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7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid prolonged or repeated contact with skin and eye. Avoid inhaling spray. When handling product in bulk, safety footwear should be worn, and proper handling equipment should be used. Always use good personal hygiene procedures when handling this product. Wash hands and face before eating, drinking or smoking. Wash contaminated clothing before reuse. Contaminated clothing should not be allowed out of the workplace. Clean equipment after use. Do not contaminate drains, sewers or waterways.
Conditions for safe Storage including incompatibilities:	Keep out of the reach of children. Store in original container in a cool, dry, ventilated place, away from direct heat of sunlight. Store away from strong oxidants, foodstuffs, children and animals. Do not allow product to get wet in storage. Minimum shelf life: 2 years
Protection against fire and explosion:	Refer to Section 5.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	See 'Exposure Standards' below (Workplace Exposure Standards and Biological Exposure April 2022, Edition 13)
Engineering Controls:	No special requirements when used as recommended.
Hand protection:	Suitable chemical resistant gloves are recommended to prevent skin contact.
Eye protection:	No special requirements when used as recommended.
Body protection:	Skin protection not ordinarily required beyond standard issue work clothes. Workers whose clothing may have become wet or contaminated should change into uncontaminated clothing before leaving the work premises.
Respiratory Protection:	No special requirements when used as recommended.

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General safety and hygiene measures:

Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Minimise contact with the skin, eyes and clothing. Store work clothing separately.

Environmental Exposure Controls:

Minimise release to the environment.

Exposure Standards:

Substance	Cas #	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Pyrethrum	8003-34-7	-	5	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Translucent white low viscosity liquid
Odour:	Mild odour.
Odour Threshold:	No data
pH Value:	5.4 – 6.3
Melting/freezing point:	No data
Boiling point (range):	No data
Flash Point:	No data
Flammability:	Not applicable
Explosive limits:	Not applicable
Vapour pressure:	Low
Vapour density:	No data
Relative density:	~ 1.000
Solubility:	Soluble
Partition coefficient:	No data
Auto-ignition temperature:	Not applicable
Decomposition temperature:	No data

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Viscosity: Not applicable

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity: Stable under normal conditions of use. Not explosive or oxidising.

Incompatibility or conditions to be avoided: None

Corrosive Properties: Not corrosive.

Thermal Decomposition: Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Class: Skin Sensitisation Cat.1

Acute Toxicity: No data for the mixture
Pyrethrum
Acute oral LD₅₀ = 200 mg/kg (rat).
Acute dermal LD₅₀ = 1350 mg/kg (rat)

Aspiration hazard: Unlikely to cause an aspiration hazard

Skin corrosion/irritation: Unlikely to cause skin corrosion/irritation.

Serious eye damage/irritation: Unlikely to cause eye corrosion/irritation.

Respiratory or skin sensitisation: May cause an allergic skin reaction..

Germ cell mutagenicity: No data available

Carcinogenicity: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific organ toxicity – single exposure: Not applicable

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Specific organ toxicity – repeated exposure: Not applicable

Narcotic effects: No data available.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

12. ECOTOXICITY INFORMATION

Ecological information of substance: Do not contaminate waterways, sewers, or drains when using product or packaging.

Pyrethrum

Rainbow trout, LC₅₀ (96 hr) = 0.02mg/L

Water flea, EC50 (48 hr) = 0.025mg/L

Bioaccumulation: No data available

Soil Toxicity: No data available

13. DISPOSAL CONSIDERATIONS

Waste treatment – recommendation: Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017.

Container Disposal: Empty containers can be recycled or sent to landfill after cleaning if in compliance with local and national regulations.

DO NOT reuse containers. DO NOT burn.

Methods of disposal to avoid: Do not empty down stormwater system or into waterway.

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number: Not applicable

Dangerous Goods Class: Not applicable

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Hazchem Code:	Not applicable
Packaging Group:	Not applicable
Proper Shipping Name:	Not applicable
Segregation:	Not applicable

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR101064
GHS Classifications:	Skin sensitisation Cat. 1, Designed for biocidal action
HSNO Controls:	Refer to HSR101064
ACVM Registration	Registered pursuant to the ACVM act 1997, P009562. See www.foodsafety.govt.nz for registration conditions.
Additional Controls:	Not applicable

16. OTHER INFORMATION

SDS date of preparation:	01 / 10 / 2024
SDS date of revision:	01 / 10 / 2029

All Safety Data Sheets are subject to review and should not be left longer than five years before and update is obtained.

For further information visit the Kiwicare web site, www.kiwicare.co.nz, or contact the supplier of the starting material.

The information in this document should be made available to all who may handle the product. For proper and safe use of this product, please refer to the product label.

This information is based on data believed by Kiwicare Corporation Limited to be accurate at the time of writing. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with the materials referred herein does so at their own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

Attention is drawn to the application and safety instructions set out on the label. This sheet is not a substitute for safety, hazard or application instructions set out on the label. As Kiwicare

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Corporation Limited and their distributors have no control over storage or use of this product no liability for accident or damage will be accepted.

Abbreviations:

ADR:	European agreement concerning the international carriage of Dangerous goods by Road
CLP:	Classification Labelling and Packaging
EC:	European Commission
EU:	European Union
GHS:	Global Harmonized System
H Phrase:	Hazard Phrase
HSNO:	Hazardous Substances and New Organisms (1996) Act
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organisation
IMDG:	International Maritime Dangerous Goods
P Phrase:	Precautionary Phrase
RID:	Regulations concerning the International carriage of Dangerous good by rail
STEL:	Short-Term Exposure Limit
TLV:	Threshold Limit Value
TWA:	Time Weighted Average

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