

SAFETY DATA SHEET

KIWICARE®

Product Name: *Organic Insect Control Pyrethrum Concentrate*

Print/View Date: 10/10/2022

Page 1 of 10

1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	Organic Insect Control Pyrethrum Concentrate
Recommended uses:	Insecticide
Restrictions on Use/Supply:	Refer to additional controls section
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)

We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.

SAFETY DATA SHEET



Product Name: *Organic Insect Control Pyrethrum Concentrate*

Print/View Date: 10/10/2022

Page 2 of 10

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
Resp. Sens. 1	Not applicable for the UN RTDG Model Regulations		Danger	H334	P103 P261 P285	P304+P341 P342+P311	No storage statements	P501
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
STOT Rep. Exp. 2	Not applicable for the UN RTDG Model Regulations		Warning	H373	P103 P260	P314	No storage statements	P501
Aquatic Acute 1			Warning	H400	P103 P273	P391	No storage statements	P501

Signal word:

DANGER

Dangerous Goods:

Dangerous Goods (Class 9)

Packaging Group:

III

Hazardous Substance (GHS) Codes:

Respiratory Sensitisation Cat. 1

Skin Sensitisation Cat. 1

Specific Target Organ Toxicity – Repeated Exposure Cat. 2

Aquatic Acute Cat. 1

Pictograms:



Hazard Statement:

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.

SAFETY DATA SHEET

KIWICARE®

Product Name: *Organic Insect Control Pyrethrum Concentrate*

Print/View Date: 10/10/2022

Page 3 of 10

Precautionary Statements:

H317: May cause an allergic skin reaction.

H373: May cause damage to organs through prolonged or repeated exposure.

H400: Very toxic to aquatic life.

Hazardous to terrestrial invertebrates.

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.

P260: Do not breathe mist or spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

P285: In case of inadequate ventilation wear respiratory protection.

P314: Get medical advice/attention if you feel unwell.

P321: For specific treatment refer to the first aid section.

P363: Wash contaminated clothing before reuse.

P391: Collect spillage.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P304+P341: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER or a doctor/physician.

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.

We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.

SAFETY DATA SHEET

KIWICARE®

Product Name: *Organic Insect Control Pyrethrum Concentrate*

Print/View Date: 10/10/2022

Page 4 of 10

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Pale yellow liquid.

Ingredients

Ingredients	CAS #	Content %
Pyrethrum	8003-34-7	1-1.4%
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, or call a POISON CENTER on 0800 764 766 (show the label where possible).
Ingestion:	Drink one or two glasses of milk or water. Seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Eye Contact:	Unlikely to cause eye irritation. Rinse opened eye for several minutes under running water. If irritation develops, seek medical advice, and have product label at hand.
Skin Contact:	May cause an allergic skin reaction. Wash gently with plenty of soap and water. If skin irritation or rash develops seek medical advice and have the product label at hand.
Inhalation:	May cause allergy or asthma symptoms or breathing difficulties. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms persist, seek medical advice, or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Advice for Medical Doctors:	Treat symptomatically

5. FIRE FIGHTING MEASURES

HAZCHEM code: 3Z

We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.

SAFETY DATA SHEET

KIWICARE®

Product Name: *Organic Insect Control Pyrethrum Concentrate*

Print/View Date: 10/10/2022

Page 5 of 10

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. Dispose of fire control water or other extinguishing agent and spillage safely later.
Hazardous Products of Combustion:	Pyrethrum 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 kg):	Environmentally hazardous substance. Contain spill and collect using suitable absorbent material.
Major Spills (more than 20 kg):	Minimise spread. Contain spill and collect. Do not allow product or washings to enter the waterways or sewer. If spill does enter waterway contact local authority. Collect in an appropriate sealable container for disposal in an approved landfill.

7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid prolonged or repeated contact with skin and eye. Avoid inhaling mist/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. 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 foodstuffs, children, and animals.

We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.

SAFETY DATA SHEET

KIWICARE®

Product Name: *Organic Insect Control Pyrethrum Concentrate*

Print/View Date: 10/10/2022

Page 6 of 10

Minimum shelf life: 2 years.

Protection against fire and explosion: Keep away from heat sources although the product has no flammability. The product is not explosive. Keep away from oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: No exposure standards apply for this product.

Engineering Controls: No special requirements when used as recommended.

Hand protection: Wear protective gloves or chemical resistant gloves while mixing and spraying.

Eye protection: Wear safety goggles to avoid irritation from splashes.

Body protection: Wear closed work clothing, safety boots and gloves.

Respiratory Protection: Wear breathing apparatus (respirator or disposable masks) to avoid inhaling mist or spray.

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. Wash contaminated clothing before reuse.

Environmental Exposure Controls: Minimise release to the environment

Additional NZ EPA controls:

Code	Section of HSNO Act	Control
Environmental Exposure Limits	77A	An EELwater has been set for pyrethrins. The EEL value is 0.01 µg/L.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow liquid

Odour: Slightly sulphurous odour.

Odour Threshold: No data

pH Value: Not data

We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.

SAFETY DATA SHEET

KIWICARE®

Product Name: *Organic Insect Control Pyrethrum Concentrate*

Print/View Date: 10/10/2022

Page 7 of 10

Melting/freezing point:	No data
Boiling point (range):	No data (Pyrethrum: 170°C 0.1 mm Hg)
Flash Point:	No data
Flammability:	Not applicable
Explosive limits:	Not applicable
Vapour pressure:	No data (Pyrethrum: 3.0X10 ⁻⁶ mm Hg at 25°C)
Vapour density:	No data
Relative density:	0.92 at 20°C
Solubility:	Soluble in water
Partition coefficient:	No data
Auto-ignition temperature:	Not applicable
Decomposition temperature:	No data
Viscosity:	No data

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

11. TOXICOLOGICAL INFORMATION

Hazard Class:	Resp. Sens. 1; Skin Sens. 1; STOT Rep. Exp. 2
Acute Toxicity:	Pyrethrum Acute oral LD ₅₀ = 200 mg/kg (rat). Acute dermal LD ₅₀ = 1350 mg/kg (rat)

We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.

SAFETY DATA SHEET

KIWICARE®

Product Name: *Organic Insect Control Pyrethrum Concentrate*

Print/View Date: 10/10/2022

Page 8 of 10

Acute inhalation LC₅₀ > 5mg/L (rat)

Aspiration hazard	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin corrosion/irritation:	Unlikely to cause skin corrosion.
Serious eye damage/irritation:	Unlikely to cause eye corrosion/irritation.
Respiratory or skin sensitisation:	May cause an allergic 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:	No data available
Specific organ toxicity – repeated exposure:	No data available
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:	Very toxic to aquatic life. Do not contaminate waterways, sewers, or drains when using product or packaging. Pyrethrum Rainbow trout, LC ₅₀ (96 hr) 68 mg/L Water flea, EC50 (48 hr) 25 mg/L
Bioaccumulation:	This product is unlikely to bioaccumulate.
Soil Toxicity:	No soil toxicity.

We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.

SAFETY DATA SHEET

KIWICARE®

Product Name: *Organic Insect Control Pyrethrum Concentrate*

Print/View Date: 10/10/2022

Page 9 of 10

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

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number:	3082
Dangerous Goods Class:	Class 9
Hazchem Code:	3Z
Packaging Group:	III
Proper Shipping Name:	Environmentally Hazardous Substance, Liquid, N.O.S
Segregation:	Food and Feed

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR000051
GHS Classifications:	Resp. Sens. 1; Skin Sens. 1; STOT Rep. Exp. 2; Aquatic Acute 1
HSNO Controls:	Refer to HSR000051
ACVM Approval Code:	Registered pursuant to the ACVM Act 1997, No.P007039. See www.foodsafety.govt.nz for registration conditions.
Additional Controls:	Stores containing more than 100litres should have signage, secondary containment, and emergency response plans.

We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.

SAFETY DATA SHEET

KIWICARE®

Product Name: *Organic Insect Control Pyrethrum Concentrate*

Print/View Date: 10/10/2022

Page 10 of 10

16. OTHER INFORMATION

SDS date of preparation: 10 / 10 / 2022

SDS date of revision: 10 / 10 / 2027

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 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

We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.