

# SAFETY DATA SHEET

**KIWICARE®**

Product Name: *GroSure Houseplant Insect Control Spray*

Print/View Date: 15/09/2023

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## 1. PRODUCT AND COMPANY INFORMATION

<b>Chemical/Product Name:</b>	<b>GroSure Houseplant Insect Control Spray</b>
Recommended uses:	Insecticide (ready to use)
Restrictions on Use/Supply:	Do not apply 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:	<a href="mailto:info@kiwicare.co.nz">info@kiwicare.co.nz</a>
Website:	<a href="http://www.kiwicare.co.nz">www.kiwicare.co.nz</a>
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:

Not applicable: Packaging must comply with Part B, clause 8 – Hazardous Substances (Packaging) Notice 2017

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 mist/spray.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/protective clothing.  
P321: For specific treatment refer to the first aid instructions on the label.  
P363: Wash contaminated clothing before reuse.

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

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

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: White low viscosity liquid

#### Ingredients

Ingredients	CAS #	Content %
Pyrethrum	8003-34-7	>0.015%
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:	Drink one or two glasses of milk or water. If you are feeling unwell seek medical advice and 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. Rinse skin with plenty of soap and water. If skin irritation or rash occurs, seek medical advice, and have the product label at hand.
Inhalation:	Unlikely to present an inhalation hazard. If breathing problems develop, seek medical advice. If medical advice is needed have product label at hand.

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Advice for Medical Doctors: Treat symptomatically

## 5. FIRE FIGHTING MEASURES

HAZCHEM code: Not applicable

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: No data for mixture.  
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): Low environmental hazard. Contain spill and collect.

Major Spills (more than 20 kg): Minimise spread. Contain spill and collect. Do not allow product or washings to enter the waterways or sewer.  
Collect in an appropriate sealable container for disposal in an approved landfill or incinerate at an authorised installation.

## 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,

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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

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:

If repeated or prolonged contact wear chemical resistant gloves.

Eye protection:

If there is significant potential for contact, wear dust goggles.

Body protection:

Skin protection not ordinarily required beyond standard issue work clothes.

Respiratory Protection:

No special requirement when used as recommended.

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. Contaminated clothing should be washed before reuse.

Environmental Exposure Controls:

Minimise release to the environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

White low viscosity liquid

Odour:

Mild Odour

Odour Threshold:

No data

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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:	No data
Vapour density:	No data
Relative density:	~1.000
Solubility:	Soluble
Partition coefficient:	No data
Auto-ignition temperature:	No data
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 avoid:	None.
Corrosive Properties:	Not corrosive to metals.
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

## 11. TOXICOLOGICAL INFORMATION

Hazard Class:	Skin Sens.1
Acute Toxicity:	Pyrethrum

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	Acute oral LD <sub>50</sub> = 2500 mg/kg (rat).
	Acute dermal LD <sub>50</sub> = 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
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:	Toxic to aquatic life. Do not contaminate waterways, sewers, or drains when using product or packaging.
Bioaccumulation:	Is not likely to bioaccumulate.
Soil Toxicity:	No soil toxicity.

## 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.
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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: Not applicable or consult list of UN numbers

Dangerous Goods Class: No restriction for transport. (ADR/RID; IMDG; IATA/ICAO) – may need to list separately

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 Sens. 1

HSNO Controls: Refer to HSR10164

Additional Controls: None

## 16. OTHER INFORMATION

SDS date of preparation: 15 / 09 / 2023

SDS date of revision: 15 / 09 / 2028

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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](http://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

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