

SAFETY DATA SHEET

KIWICARE®

Product Name: **Organic Super Spraying Oil - concentrate**

Print/View Date: 1/02/2022

Page 1 of 11

1. PRODUCT AND COMPANY INFORMATION

Product Name:	Organic Super Spraying Oil - concentrate
Relevant identified uses:	Insecticide
Molecular Formula:	Emulsifiable concentrate containing 988 g/l mineral oils
Restrictions on Use/Supply	N/A
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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Kiwicare Ltd, PO Box 15-050, Christchurch 8643, New Zealand. Ph +64 3 389 0778. www.kiwicare.co.nz.


SAFETY DATA SHEET

KIWICARE®Product Name: **Organic Super Spraying Oil - concentrate**

Print/View Date: 1/02/2022

Page 2 of 11

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
Asp. Tox. 1	Not applicable for the UN RTDG Model Regulations		No signal word	H304	P102 P103	P101 P301 + 310 P331	P405	P501

Signal word:

DANGER

Dangerous Goods:

Not a Dangerous Goods.

Packaging Group:

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

GHS Codes

Aspiration Toxin, Cat 1

Pictograms:



Hazard Statement:

H304: May be fatal if swallowed and enters the airways.

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.

P301 + P310: IF SWALLOWED: Immediately call the POISON CENTRE or doctor.

P331: Do NOT induce vomiting.

P405: Store locked up.

P501: Dispose of product in accordance with local regulations. Small quantities may be disposed of in rubbish.

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SAFETY DATA SHEET

KIWICARE®

Product Name: **Organic Super Spraying Oil - concentrate**

Print/View Date: 1/02/2022

Page 3 of 11

Rinse container and dispose to landfill or recycling where allowed. Do NOT burn.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Pale yellow oily liquid

Ingredients

Ingredients	CAS #	Content %
Light paraffinic distillates	64742-55-8 64742-56-9	>98%
Other ingredients	NA (Mixture)	to 100 %

4. FIRST AID MEASURES

General information:	In case of accident, or if you feel unwell, seek medical advice immediate (have product label to hand).
Ingestion:	May be fatal if swallowed and enters the airways. Rinse mouth. Do NOT induce vomiting. Immediately call NZ Poisons Centre on 0800 764 766. Have product label at hand.
Eye Contact:	Not expect to cause eye irritancy. If irritation develops, rinse opened eye for several minutes under running water. Seek medical advice if irritation persist. Have product label at hand.
Skin Contact:	Not expected to cause skin irritation. May cause dryness through repeated or prolonged exposure. Wash exposed skin with soap and water and water. If you feel unwell seek immediate medical advice.
Inhalation:	Unlikely to present an inhalation hazard at ambient temperature. However, may be fatal if swallowed and enters the airways. Do NOT eat, drink, or smoke when using this product. Wear a respirator. If breathing problems develop, seek medical advice or call NZ Poisons Centre on 0800 764

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SAFETY DATA SHEET

KIWICARE®

Product Name: **Organic Super Spraying Oil - concentrate**

Print/View Date: 1/02/2022

Page 4 of 11

766. If medical advice is needed have product label at hand.

Advice for Medical Doctors:

Treat symptomatically. Administer oxygen if patient having breathing difficulties.

5. FIRE FIGHTING MEASURES

HAZCHEM code:

2Z

Specific Hazards:

None. Minimise the use of water to prevent environmental contamination. Substance is non-flammable.

Suitable Extinguishing Media:

Appropriate fire extinguishers are Water fog, CO₂, Powder or Alcohol resistant foam. Use extinguishing media appropriate to the surrounding conditions. Do NOT use water jet.

Fire Fighting Advice:

Fire fighters should wear self-contained breathing apparatus (AS/NZS 1715/1716). Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of extinguishing agent and spillage safely later.

Hazardous Products of Combustion:

Carbon monoxide (CO), Carbon dioxide (CO₂) and smoke from combustion of hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Use personal protective equipment. Avoid breathing vapours or mist. Ensure adequate ventilation.

For personal protection see section 8.

Caution: will make surfaces slippery.

Environmental precautions:

Prevent leakage or spillage if safe to do so.

Minor Spills (Up to 20 kg):

Low environmental hazard. Contain spill and collect.

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SAFETY DATA SHEET

KIWICARE®

Product Name: **Organic Super Spraying Oil - concentrate**

Print/View Date: 1/02/2022

Page 5 of 11

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 or incinerate at an authorised installation.

7. HANDLING AND STORAGE

Precautions for safe handling:

Avoid inhaling mist or spray. Avoid prolonged or repeated contact with skin and eye. When handling bulk product in drums, 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 locked cupboard or secure location. Store in original container in a cool, dry, ventilated place, away from direct heat of sunlight. Store away from foodstuffs, children and animals.

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:

Use exposure standards for Oil mist, mineral. No BEL applies. See 'Exposure limits' below (Workplace Exposure Standards and Biological Exposure Indices, November 2020, edition 12-1) and table below.

Engineering Controls:

No special requirements when used as recommended.

Hand protection:

If repeated or prolonged contact wear chemical resistant gloves.

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SAFETY DATA SHEET

KIWICARE®

Product Name: **Organic Super Spraying Oil - concentrate**

Print/View Date: 1/02/2022

Page 6 of 11

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:	Wear a respirator to minimise inhalation of 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. Store work clothing separately.
Environmental Exposure Controls:	Minimise release to the environment. For bulk storage, an environmental assessment should be conducted to ensure compliance with local environmental legislation.

Exposure Standards:

Substance	Cas #	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Oil mist, mineral	(8012-95-1)		5		10 (om)

OM – sampled by method that does not collect vapour

Additional NZ EPA controls:

No additional controls apply

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pale yellow oily liquid
Odour:	Mild oily odour
Odour Threshold:	No data
pH Value:	Not applicable
Melting/freezing point:	60 to 0°C

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SAFETY DATA SHEET

KIWICARE®

Product Name: **Organic Super Spraying Oil - concentrate**

Print/View Date: 1/02/2022

Page 7 of 11

Boiling point (range):	>200°C
Flash Point:	157 - 190°C
Flammability:	Non-flammable
Explosive limits:	No data
Vapour pressure:	<0.1 hPa at 20°C
Vapour density:	No data
Relative density:	860 g/l
Solubility:	Emulsifiable
Partition coefficient:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	8.4 – 17.0 mm ² /s at 40°C

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Incompatibility or conditions to be avoid:	Oxidising agents.
Corrosive Properties:	Avoid excessive heating
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Classes	Aspiration Toxin, Cat 1
Acute Toxicity:	Acute oral LD ₅₀ = >5000 mg/kg (rat). Acute inhalation LD ₅₀ >5000mg/m ³ (rat) Acute dermal LD ₅₀ >2000 mg/kg (rat)

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SAFETY DATA SHEET

KIWICARE®

Product Name: **Organic Super Spraying Oil - concentrate**

Print/View Date: 1/02/2022

Page 8 of 11

Aspiration hazard	May be fatal if swallowed and enters the airways.
Skin corrosion/irritation:	Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product
Serious eye damage/irritation:	Not expected cause eye irritation
Respiratory or skin sensitisation:	May cause respiratory irritation on inhalation of mist or vapour. May cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	Sufficiently refined other lubricant base oils (IP 346 < 3%) were found to be non-mutagenic
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
Specific organ toxicity – repeated exposure:	No data
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:	Non- toxic to aquatic life. Considered technically not feasible (ECHA registration dossier). Do not contaminate waterways, sewers, or drains when using product or packaging.
Bioaccumulation:	No data
Soil Toxicity:	No soil toxicity.
Mobility in soil	No data.

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SAFETY DATA SHEET

KIWICARE®

Product Name: **Organic Super Spraying Oil - concentrate**

Print/View Date: 1/02/2022

Page 9 of 11

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.
Methods of disposal to avoid	Do not empty down stormwater system

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number:	Not applicable
Dangerous Goods Class:	No restriction for transport.
Hazchem Code:	2Z
Packaging Group:	Not applicable
Proper Shipping Name:	Not applicable
Segregation:	Not applicable

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR000555
GHS Classifications:	Aspiration Toxin Cat. 1 Designed for biocidal action
HSNO Controls:	Refer to HSR000588

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SAFETY DATA SHEET

KIWICARE®

Product Name: **Organic Super Spraying Oil - concentrate**

Print/View Date: 1/02/2022

Page 10 of 11

Additional Controls:

Does not require a certified handler, secondary containment, or an emergency management plan.

16. OTHER INFORMATION

SDS date of preparation: 01 / 02 / 2022

SDS date of next revision: 01 / 02 / 2027

Emergency Contact:

Work Hours:

24 Hours:

Kiwicare Corporation
225 Maces Road
PO Box 15050
Christchurch
Tel: (03) 389 0778
Fax: (03) 389 0669

National Poisons Centre
PO Box 913
Dunedin
Tel: 0800 764 766 (POISON)

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.

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SAFETY DATA SHEET

KIWICARE®

Product Name: **Organic Super Spraying Oil - concentrate**

Print/View Date: 1/02/2022

Page 11 of 11

CLP: Classification, Labelling and Packaging

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation.

RID: Regulations concerning the international carriage of Dangerous goods by rail.

GHS: Global Harmonized System

EU: European Union

EC: European Commission

TLV: Threshold Limit Value

TWA: Time Weighted Average

STEL: Short-Term Exposure Limit

H Phrase: Hazard phrase

P Phrase: Precautionary phrase

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