

# SAFETY DATA SHEET

Product Name: Organic Super Spraying Oil Concentrate

Issue Date: 12/01/2018

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## 1. PRODUCT AND COMPANY INFORMATION

**Product Name:** Organic Super Spraying Oil Concentrate

Relevant identified uses: Insecticide mineral oil

Molecular Formula: Natural mineral oil

Supplier: Kiwicare Corporation Limited & GroChem

Street Address: 225 Maces Road, Bromley, Christchurch, 8062  
New Zealand

15 Sunlight Grove, Porirua, New Zealand

Postal Address: P.O Box 15050, Aranui, Christchurch, 8643  
New Zealand

Telephone: +64 3 389 0778; +64 4 237 0905

Email: [info@kiwicare.co.nz](mailto:info@kiwicare.co.nz)

Website: [www.kiwicare.co.nz](http://www.kiwicare.co.nz)

Emergency Contact Numbers: 0800 764 766 (0800 POISON)

National Poisons Centre: 0800 764 766 (0800 POISON)

## 2. HAZARDS IDENTIFICATION

HSNO Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
6.1E (oral)	Not applicable for the UN RTDG Model Regulations	No pictogram	Warning	H303	P102 <sup>b</sup> P103*	P101 <sup>b</sup> P312	No storage statements	P501
6.1E (dermal)	Not applicable for the UN RTDG Model Regulations	No pictogram	Warning	H313	P102 <sup>b</sup> P103 <sup>b</sup>	P101 <sup>b</sup> P312	No storage statements	P501
9.1D	Not applicable for the UN RTDG Model Regulations	No Pictogram	No Signal Word	H401 <sup>r</sup> /H402 <sup>r</sup> / H413 <sup>p</sup>	P103 <sup>b</sup> P273	No response statements	No storage statements	P501

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Dangerous Goods: Not dangerous goods; signal word = Warning

Packaging Group: None

Hazardous Substance (HSNO) Codes: 6.1E (oral & dermal acute toxicity level 5)  
9.1D (Slightly harmful in the aquatic environment)

Hazard Statement: H303: May be harmful if swallowed.  
H313: May be harmful in contact with skin.  
H413: May Cause long lasting harmful effects to aquatic life.

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep it out of reach of children.

P103: Read label before use.

P273: Avoid release to the aquatic environment.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P501: In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Use: Natural insecticide

Appearance: Pale yellow oily liquid

#### Ingredients

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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 (show the label where possible).
Ingestion:	This product has laxative properties and may result in abdominal cramps and diarrhoea. If swallowed, do not induce vomiting. Obtain emergency medical attention.
Eye Contact:	No irritation is expected. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Skin Contact:	This product may cause slight skin irritation upon short-term direct contact. Based on testing of similar products and/or components. Prolonged or repeated contact may result in contact dermatitis, which is characterised by dryness, chapping, and reddening. Prolonged or repeated contact may also result in oil acne, which is characterised by blackheads with possible secondary infection. In case of skin contact, remove any contaminated clothing and wash skin with soap and water. Launder or dry-clean clothing before re-use. Prolonged or repeated skin contact may cause skin irritation.
Inhalation:	Respiratory tract irritation is possible. Avoid breathing mists. Move to clean air and make comfortable in a position making breathing easy.
Advice for Medical Doctors:	Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

Specific Hazards:	Heat from fire can generate flammable vapour. When mixed with air and exposed to ignition source, vapours can burn in open or explode if confined. Vapours may travel long distances along ground before igniting and flashing back to vapour source. Combustion products include oxides of carbon.
Suitable Extinguishing Media:	Use equipment/media appropriate to surrounding conditions. Use water fog, alcohol foam, carbon dioxide, dry chemical type extinguishers.
Fire Fighting Advice:	Fire-fighters should wear positive pressure, self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 kg):	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 kg):	Ventilate area of leak or spill. Wear appropriate personal protective gear. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect in an appropriate container or absorb with an inert material (e.g. vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials such as sawdust. Collect in an appropriate sealable container for disposal in an approved landfill or incinerate at an authorised installation.

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## 7. HANDLING AND STORAGE

Precautions for safe handling:	Wear appropriate PPE as detailed in Section 8. Keep out of reach of children. Read label before use.
Conditions for safe Storage including incompatibilities & Packaging:	Store in a cool, dry area away from direct heat and sources of ignition. Bunding is required for quantities greater than 10,000L. Store in original packaging. Protect from puncture.
Protection against fire and explosion:	Keep away from heat sources even though the product is not combustible. The product is not explosive. Keep away from oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	See 'Exposure limits' below (Workplace Exposure Standards and Biological Exposure Indices 8 <sup>th</sup> edition)
Engineering Controls:	Use in a well ventilated area and avoid breathing spray and mist.
Hand protection:	Suitable chemical resistant gloves are recommended for applicants.
Eye protection:	Wear safety glasses or full face shield if splashes are likely to occur.
Body protection:	Avoid skin and eye contact and inhalation of mist. Wear overalls, chemical goggles and impervious gloves. Avoid generating mist of product and avoid inhaling spray mist. Always wash hands before smoking, eating, drinking or using the toilet.
General safety and hygiene measures:	Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Avoid contact with the skin, eyes and clothing. Store work clothing separately.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Environmental Exposure Controls: Minimise release to the environment. An environmental assessment must be made to ensure compliance with local environmental legislation.

O Substance	CAS #	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Oil mist, mineral	[8012-95-1]		5 <sup>(0.00)</sup>		10

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour: Pale yellow oily liquid with Petroleum odour

Solubility: Dispersible in water

Specific Gravity: 0.86 kg/l

Boiling Point: Not applicable

Flash Point: > 150 °C

pH Value: ~ 7.0

Explosion Hazard: No explosion hazard

Formula: Natural mineral oil

Exposure Standards (TLV-TW): Refer to section 8

Engineering Controls: Refer to section 8

## 10. STABILITY AND REACTIVITY

Stability & Chemical reactivity: Stable under normal conditions of use. Flammable substance if over-heated.

Store conditions: This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Containers should be kept dry.

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## 10. STABILITY AND REACTIVITY

Incompatibility:	Do not mix with material of Class 5 (oxidisers).
Thermal Decomposition:	Oxides of carbon are formed when burning.
Hazardous polymerisation:	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### For the substance (final product):

Skin corrosion/irritation:	It is unlikely to cause skin damage or irritation.
Serious eye damage/eye irritation:	It is unlikely to cause eye damage or irritation.
Respiratory or skin sensitization:	It is unlikely to cause an allergic skin reaction.
Germ cell mutagenicity:	Not mutagenic.
Carcinogenicity:	Not carcinogenic.
Reproductivity:	Not a reproductive toxicant.
Acute Toxicity:	Acute oral & dermal 2000 < LD <sub>50</sub> < 5000 ppm
Chronic Toxicity:	No chronic toxicity.

## 12. ECOTOXICITY INFORMATION

Ecological information of substance:	9.1D slightly harmful in the aquatic environment.
Soil toxicity:	No soil toxicity.

<b>Potential environmental interactions:</b>	If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.  This product is rapidly biodegradable. Biodegradation is possible within 90 - 120 days in aerobic environments at temperatures above 21°C.
Environmental risk phrases	Do not release into the environment except when using as intended.

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## 13. DISPOSAL CONSIDERATIONS

Waste treatment – recommendation:	In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001.
Container Disposal:	Triple rinse empty container into the spray tank. Deliver to an appropriate recycling depot (e.g. Agrecovery), or crush and bury at an approved landfill.
Product Disposal:	Reprocess or burn in an approved incinerator in accordance with all local regulations at an approved waste disposal facility. Do not contaminate water supplies/pollute public waters. Do not flush to sewer.

## 14. TRANSPORT INFORMATION

### Road, Rail, Marine and Air

UN Number:	None allocated
Dangerous Goods Class:	Not dangerous goods. Not restricted for transport. (HSNO ADR/RID; IMDG; IATA/ICAO)
Hazchem Code:	None allocated
Packaging Group:	None allocated
Proper Shipping Name:	None allocated
Segregation:	None allocated
Specific precautions:	Do not carry more than 10L on a passenger service vehicle. Segregate from Class 5 (oxidisers) and/or foodstuffs. Do not transport with Class 1 (explosive) goods.

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## 15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR000588
HSNO Classifications:	6.1E (oral & dermal acute toxicity level 5) 9.1D (Slightly Harmful in the aquatic environment)
HSNO Controls:	Trigger quantities for this substance: SDS must be available for 50L Signage 10,000L Emergency Plan 10,000L Bunding 10,000L
ACVM Approved code:	P007401
BioGro Approval code:	4850

## 16. OTHER INFORMATION

SDS date of preparation:	08 / 08 / 2017
SDS date of revision:	08 / 08 / 2022
Emergency Contact	24 Hours
Work Hours	National Poisons Centre
Kiwicare Corporation	PO Box 913
225 Maces Road	Dunedin
PO Box 15050	Tel: 0800 764 766 (POISON)
Christchurch	
Tel: (03) 389 0778	
Fax: (03) 389 0669	

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## 16. OTHER INFORMATION

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 GroChem.

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:

ACVM: Agricultural Compounds and Veterinary Medicines (in relation to Group or Act 1997)

ADR: European agreement concerning the international carriage of dangerous goods by road.

CLP: Classification, Labelling and Packaging

CAS number: Chemical Abstract Services Number

HSNO: Hazardous Substances and New Organisms (legislation 1996)

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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