

SAFETY DATA SHEET

KIWICARE®

Product Name: Weed Weapon Penetrant OS

Print/View Date: 29/06/2022

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	Weed Weapon Penetrant OS
Recommended uses:	Organosilicone penetrant/surfactant
Restrictions on Use/Supply:	Not for indoor use.
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
Acute Tox.4 (Inhalation)	Not applicable for the UN RTDG Model Regulations		Warning	H332	P102 P103 ^b P261 P271	P101 ^b P304+P340 P312	No storage statements	P501
Eye Irrit.2	Not applicable for the UN RTDG Model Regulations		Warning	H319	P103 ^b P264 P280	P305+P351+P338 P337+P313	No storage statements	P501
Aquatic Chronic 2			No signal word	H411	P103 ^b , P273	P391	No storage statements	P501

Signal word:

WARNING

Dangerous Goods:

Class 9

Packaging Group:

III

Hazardous Substance (GHS) Codes:

Acute Inhalation Toxicity Cat.4

Eye Irritation Cat.2

Aquatic Chronic Cat.2

Pictograms:



Hazard Statement:

H332: Harmful if inhaled

H319: Causes serious eye irritation

H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:

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

P102: Keep out of reach of children.

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- P103: Read label before use.
- P261: Avoid breathing fumes/spray.
- P264: Wash hands thoroughly after handling.
- P271: Use only outdoors or in a well-ventilated area.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P312: Call a POISON CENTRE or doctor/physician if you feel unwell.
- P391: Collect spillage
- P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
- P337+P313: If eye irritation persists: Get medical advice/attention.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- 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: Clear amber liquid

Ingredients

Ingredients	CAS #	Content %
Polyoxyethylene modified heptamethyltrisiloxane	134180-76-0	>70%
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).

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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:	Can cause serious eye irritation. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical advice, or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Skin Contact:	Unlikely to cause skin irritation. Rinse skin with copious amounts of water and wash with soap and water. If you feel unwell seek immediate medical advice, have product label at hand.
Inhalation:	Can cause irritation if inhaled. Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing problems 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:	2Z
Specific Hazards:	No data available
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:	None

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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. 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 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. Do not allow product to get wet in storage. 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 to this product.
Engineering Controls:	Select spray application equipment to minimise exposure

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Hand protection:	If repeated or prolonged contact wear chemical resistant gloves.
Eye protection:	If there is significant potential for contact, wear safety goggles or full-face shield to prevent splashes.
Body protection:	Skin protection not ordinarily required beyond standard issue work clothes.
Respiratory Protection:	Use breathing apparatus (respirator/disposable masks) to prevent inhalation of mist/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.
Environmental Exposure Controls:	Minimise release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear amber liquid
Odour:	Slightly sweet
Odour Threshold:	No data
pH Value:	No data
Melting/freezing point:	-50°C
Boiling point (range):	150°C
Flash Point:	143°C
Flammability:	Combustible
Explosive limits:	No data
Vapour pressure:	0.133kPa
Vapour density:	No data
Relative density:	~1.00g/mL

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Solubility:	Dispersible
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:	No data available
Corrosive Properties:	Not corrosive to eyes or skin.
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Class:	Acute Tox.4, Eye Irrit.2
Acute Toxicity:	Acute oral LD ₅₀ >5000 mg/kg (rat). Acute dermal LD ₅₀ >5000 mg/kg (rat)
Aspiration hazard	Can cause irritation on inhalation of mist, gas, or spray.
Skin corrosion/irritation:	Unlikely to cause skin corrosion/irritation.
Serious eye damage/irritation:	May cause serious eye irritation
Respiratory or skin sensitisation:	Unlikely to cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	No data available

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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 with long term effects. Do not contaminate waterways, sewers, or drains when using product or packaging. Rainbow trout, LC ₅₀ (96 hr) 2.1 mg/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

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14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number:	3082
Dangerous Goods Class:	Class 9
Hazchem Code:	Not applicable
Packaging Group:	III
Proper Shipping Name:	Environmentally Hazardous Substance, Liquid, N.O.S. (organosilicone surfactant)
Segregation:	Not applicable

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR002503
GHS Classifications:	Acute Tox.4, Eye Irrit.2, Aquatic Chronic 2
HSNO Controls:	Refer to HSR002503 – Additives Process Chemicals and Raw Material Subsidiary Group Standard 2020
Additional Controls:	Stores containing more than 1000-litres require secondary containment, signage, and an emergency response plan. Contractors that apply product with other than hand-held equipment must be suitably qualified (Sch. 10; Hazardous Substances Hazard Properties Control Notice 2017.

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16. OTHER INFORMATION

SDS date of preparation: 21 / 04 / 2022

SDS date of revision: 21 / 04 / 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

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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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