

SAFETY DATA SHEET

KIWICARE®

Product Name: Weed Weapon Preventer SDS

Print/View Date: 8/04/2022

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	Weed Weapon Preventer
Recommended uses:	Pre-emergent Herbicide
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
Repr.2	Not applicable for the UN RTDG Model Regulations		Warning	H361	P103 ^b P201 P202 P281	P308+P313	P405	P501
Carc.2	Not applicable for the UN RTDG Model Regulations		Warning	H351	P103 ^b P201 P202 P281	P308+P313	P405	P501
STOT Rep. Exp.2	Not applicable for the Un RTDG Model Regulations		Warning	H373	P103 ^b P260	P314	No storage statements	P501
Aquatic Acute 1			Warning	H400	P103 ^b P273	P391	No storage statements	P501
Aquatic Chronic 1			Warning	H410	P103 ^b P273	P391	No storage statements	P501

Signal word:

WARNING

Dangerous Goods:

Class 9

Packaging Group:

III

Hazardous Substance (GHS) Codes:

Reproductive toxicity Cat. 2 (Suspected of causing human reproductive toxicity)

Carcinogenicity Cat. 2 (Suspected of causing cancer)

Specific Target Organ Toxicity Repeated Exposure Cat.2 (Harmful to human target organs)

Hazardous to the aquatic environment acute Cat.1 (Very toxic to aquatic organisms)

Hazardous to the aquatic environment chronic Cat.1 (Very toxic to aquatic organisms with long lasting effect)

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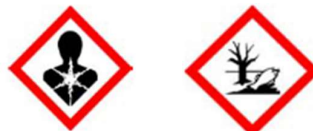
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Pictograms:

Hazard Statement:

H351: Suspected of causing cancer.

H361: Suspected of damaging fertility or the unborn child.

H373: May cause damage to organs through repeated exposure

H400/410: Very toxic to aquatic life with short- and long-term effects.

Hazardous to soil organism.

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.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe dust.

P273: Avoid release to the aquatic environment.

P281: Use personal protective equipment as required.

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

P391: Collect spillage.

P405: Store locked up.

P308+313: IF exposed or concerned: Get medical advice/ attention.

P501: Dispose of product in accordance with local regulations. Small quantities may be disposed of with rubbish. Take larger volumes to council waste facility.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Pale brown granules

Ingredients

Ingredients	CAS #	Content %
Oxadiazon	19666-30-0	2.0%
Simazine	122-34-9	0.5%
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: If ingested and feeling unwell 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. 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 skin irritation develops seek immediate medical advice (show the label where possible).

Inhalation: If breathing problems develop, 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

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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:	Product contains predominantly sand and is non-flammable.
Hazardous Products of Combustion:	Nil

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 by sweeping or vacuum.
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 dust. 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.
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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

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:

Use suitable respiratory protection (respirator/disposable masks)

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 must be made to ensure compliance with local environmental legislation.

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Exposure Standards:

Substance	Cas #	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Respirable dust (sand/ silica)	NA		0.05 (r)		

(r) = respirable

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light brown granules
Odour:	Aromatic
Odour Threshold:	Not applicable
pH Value:	Not applicable
Melting/freezing point:	Not applicable
Boiling point (range):	Not applicable
Flash Point:	Will not flash
Flammability:	Not applicable
Explosive limits:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Relative density:	1500-1700 g/L
Solubility:	Not soluble
Partition coefficient:	Not applicable
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not applicable 225-227 ^o C (Simazine) No data (oxadiazon)

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Viscosity: Not applicable

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity: Stable under normal conditions of use. Not explosive or oxidising.

Incompatibility or conditions to be avoid: Avoid strong oxidising agents. Avoid heat, sparks, and open flame.

Corrosive Properties: Not corrosive to eyes or skin.

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

11. TOXICOLOGICAL INFORMATION

Hazard Class: Repr.2, Carc.2, STOT. Rep. Exp.2

Acute Toxicity: No data for the mixture
Acute oral LD₅₀ = >5000 mg/kg (rat) for Oxadiazon and Simazine
Acute dermal LD₅₀ >2000 mg/kg (rat) for Oxadiazon and Simazine

Skin corrosion/irritation: Unlikely to cause skin irritation

Serious eye damage/irritation: Unlikely to cause eye irritation

Respiratory or skin sensitisation: Unlikely to cause skin sensitisation and/or contact dermatitis

Germ cell mutagenicity: Not mutagenic

Carcinogenicity: Suspected carcinogenic

Reproductive toxicity: Suspected to be a reproductive toxicant

Specific organ toxicity – single exposure: Not applicable

Specific organ toxicity – repeated exposure: Liver

Narcotic effects: Not applicable

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12. ECOTOXICITY INFORMATION

Ecological information of substance:	Very toxic to aquatic life. Do not contaminate waterways, sewers, or drains when using product or packaging. Oxadiazon: Rainbow trout, LC ₅₀ (96 hr) 1.05 mg/L. Water flea, EC ₅₀ (48 hr) 1.78 mg/L Simazine: Rainbow trout, LC ₅₀ (96 hr) 100 mg/L Water flea, EC ₅₀ (48 hr) 1.1 mg/L
Bioaccumulation:	Oxadiazon has the potential to bioaccumulate. Simazine does not have potential to bioaccumulate.
Soil Toxicity:	Hazardous to soil organisms. Half-life 2-5 days (Oxadiazon) Half-life 45-91 days (Simazine)
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated	

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

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14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number:	3077
Dangerous Goods Class:	Class 9
Hazchem Code:	2X
Packaging Group:	III
Proper Shipping Name:	Environmentally hazardous substance, solid, N.O.S (ADR/RID; IMDG; IATA/ICAO)
Segregation:	Food / animal feed / oxidising substances and peroxides / substances that are dangerous when wet.

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR000471
GHS Classifications:	Repr.2; Carc.2; STOT Rep.Exp.2; Aquatic Acute 1; Aquatic Chronic 1
HSNO Controls:	Refer to HSR000471
Additional Controls:	Stores containing more than 100kg 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: 07 / 04 / 2022

SDS date of revision: 07 / 04 / 2025

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

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