

SAFETY DATA SHEET



Product Name: Weed Weapon Direct Hit Ready to Use

Print/View Date: 10/07/2020

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	Weed Weapon Direct Hit Ready to Use
Recommended uses:	Herbicide
Restrictions on Use/Supply	See section 8, additional EPA controls
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

HSNO Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
2.1.2A			Warning	H223	P103 P210 P211 P251	No response statement	P410+P412	No disposal statements
6.3A	Not applicable for the UN RTDG Model Regulations		Warning	H315	P103 P264 P280	P302+P352 P321 P332+P313 P362	No storage statements	P501
6.5B	Not applicable for the UN RTDG Model Regulations		Warning	H317	P103 P261 P272 P280	P302+P352 P333+P313 P321 P363	No storage statements	P501
8.3A	Not applicable for the UN RTDG Model Regulations		Danger	H318	P102 P103 P280	P101 P305+P351+P338 P310	No storage statements	P501
9.1C	Not applicable for the UN RTDG Model Regulations	No pictogram	No signal word	H412	P103 P273	No response statements	No storage statements	P501

Signal word:

DANGER

Dangerous Goods:

Dangerous Goods (Class 2.1)

Packaging Group:

III

Hazardous Substance (HSNO) Codes:

2.1.2A, 6.3A, 6.5B, 8.3A, 9.1C

Pictograms:



Hazard Statement:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

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Precautionary Statements:

H412: Harmful to aquatic life with long lasting effects.

P103: Read label before use.

P210: Keep away from heat, sparks, and open flames

P211: Do not spray on an open flame or other ignition source.

P251: Pressurized container: Do not pierce or burn, even after use.

P264: Wash exposed skin thoroughly after handling.

P280: Wear protective gloves and eye protection

P261: Avoid breathing fumes, gas, vapours, and spray

P271: Use only outdoors or in a well-ventilated area.

P102: Keep out of reach of children.

P273: Avoid release to the environment.

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

P332+P313: If skin irritation occurs: Get medical advice/ attention.

P362: Take off contaminated clothing and wash before re-use.

P363: Wash contaminated clothing before reuse.

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

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor/physician.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

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P501: For the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. In general, dispose the unused product at an approved landfill and dispose the triple rinsed package with domestic rubbish

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Liquefied petroleum gas in aerosol. Clear vapour on release.

Ingredients

Ingredients	CAS #	Content %
Glyphosate	1071-83-6	<1
Saflufenacil	372137-35-4	<1
Liquified petroleum gas	68476-85-7	10
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: Rinse mouth. Do NOT induce vomiting. Seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician on 0800 764 766.

Skin Contact: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention.
Take off contaminated clothing and wash before re-use.

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4. FIRST AID MEASURES

Inhalation:	Unlikely to present an inhalation hazard. 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.

5. FIRE FIGHTING MEASURES

HAZCHEM code:	2YE
Specific Hazards:	Flammable aerosol containing liquefied petroleum gas (LPG). Clear fire area of all non-emergency personnel.
Suitable Extinguishing Media:	Appropriate fire extinguishers are Water, CO ₂ , Powder or Alcohol resistant foam. 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:	Toxic fumes may be emitted including but not limited to, Chlorine, Hydrogen Chloride, Oxides of Carbon and Aldehydes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8.
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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. Eliminate all ignition sources and naked lights. Use non sparking equipment.
Major Spills (more than 20 kg):	Low environmental hazard. Contain spill and collect. Eliminate all ignition sources and naked lights. Use non sparking equipment. 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 vapour. 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.
Protection against fire and explosion:	Flammable aerosol. Keep away from heat sources or sources of ignition. Protect from sunlight. Do not expose to temperatures exceeding 50 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	See 'Exposure limits' below (Workplace Exposure Standards and Biological Exposure Indices 11 th edition)
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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 safety 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. 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.

Exposure Standards:

Substance	Cas #	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
LPG (liquified petroleum gas)	68476-85-7	1000	1800		

Additional NZ EPA controls:

Code	Section of HSNO Act	Control
Impurity levels	77A	The maximum level of formaldehyde in the glyphosate component of Weed Weapon Targeted shall not exceed 1.3 g/kg The maximum level of N-nitroso-N-phosphonomethylglycine in the glyphosate component of Weed Weapon Targeted shall not exceed 1.0 mg/kg
Water	77A	Weed Weapon Targeted must not be applied onto, over or into water: where "water" means water in all its physical forms, whether flowing or not,

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		and whether over or under ground, but does not include water in any form while in a pipe, tank or cistern or water used in the dilution of the substance prior to application or water used in the dilution of the substance prior to application or water used to rinse the container after use
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquefied petroleum gas in aerosol. Clear vapour on release.
Odour:	Faint kerosene odour.
Odour Threshold:	No data
pH Value:	8.4-9.2
Melting/freezing point:	No data
Boiling point (range):	No data
Flash Point:	No data
Flammability:	Not applicable
Explosive limits:	2-10%
Vapour pressure:	593 kPa
Vapour density:	No data
Relative density:	1.0
Solubility:	No data
Partition coefficient:	No data
Auto-ignition temperature:	440°C
Decomposition temperature:	No data
Viscosity:	No data

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10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Chemical/material Incompatibilities	Can react violently with oxidising agents – Chlorine, pool chlorine or nitric acid.
Conditions to be avoided:	Avoid excessive heating and sources of ignition
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Classes	2.1.2A, 6.3A, 6.5B, 8.3A, 9.1C
Acute Toxicity:	Acute oral LD ₅₀ = >5000 mg/kg (rat). Acute dermal LD ₅₀ >5000 mg/kg (rat)
Aspiration hazard	May cause irritation on inhalation of mist, gas, or vapour
Skin corrosion/irritation:	Repeated or prolonged exposure may cause skin irritation and/or dermatitis.
Serious eye damage/irritation:	Causes serious eye damage
Respiratory or skin sensitisation:	May cause skin sensitisation and/or contact dermatitis
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:	No data available
Specific organ toxicity – repeated exposure:	No data available

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11. TOXICOLOGICAL INFORMATION

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. Studies with the active ingredient glyphosate indicate that this product would be practically nontoxic to avian species and honeybees. The results of degradation and bio-concentration studies with the active ingredient in this product indicate that it is rapidly adsorbed to soil, readily biodegrades in soil and water, and does not bio-accumulate.

Rainbow trout, LC50 (96 hr) 322 mg/L

Selenastrum, EC50 (72 hr) 15 mg/L

Bioaccumulation potential: BCF <1. Not likely to be Bioaccumulative

Soil Toxicity and degradability: No soil toxicity.

Mobility in soil No data

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:	1950
UN Dangerous Goods Class:	Class 2.1 Flammable aerosol
Hazchem Code:	2YE
UN Packaging Group:	III
UN Proper Shipping Name:	Aerosols flammable

15. N.Z. REGULATORY INFORMATION

HSNO approval Number:	HSR100891
HSNO Classifications:	2.1.2A, 6.3A, 6.5B, 8.3A, 9.1C
HSNO Controls:	Refer to HSR100891
Other Controls	None

16. OTHER INFORMATION

SDS date of preparation: 10 / 07 / 2020

SDS date of revision: 10 / 07 / 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.

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16. OTHER INFORMATION

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

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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