

SAFETY DATA SHEET

KIWICARE®

Product Name: *Weed Weapon Bio-Weed Blast*

Print/View Date: 30/08/2024

Page 1 of 10

1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	Weed Weapon Bio-Weed Blast
Recommended uses:	Organic Herbicide
Restrictions on Use/Supply:	This substance must be applied using ground-based methods only.
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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SAFETY DATA SHEET



Product Name: *Weed Weapon Bio-Weed Blast*

Print/View Date: 30/08/2024

Page 2 of 10

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
Eye Dam.1	Not applicable for the UN RTDG Model Regulations		Danger	H318	P102 P103 P280	P101 P305+P351+P338 P310	No storage statements	P501
Skin Irrit. 2	Not applicable for the UN RTDG Model Regulations		Warning	H315	P103 P264 P280	P302+P352 P321 P332+P313 P362	No storage statements	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.

Hazardous Substance (GHS) Codes:

Eye Damage Cat.1
Skin Irritation Cat. 2

Pictograms:



Hazard Statement:

H318: Causes serious eye damage.
H315: Causes skin irritation.
Hazardous to terrestrial vertebrates.

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.
P264: Wash hands or any exposed skin thoroughly after handling.

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SAFETY DATA SHEET

KIWICARE®

Product Name: *Weed Weapon Bio-Weed Blast*

Print/View Date: 30/08/2024

Page 3 of 10

P280: Wear protective gloves/protective clothing/ eye protection/ face protection.

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

P321: For specific treatments refer to the first aid section.

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

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

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

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

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 transparent liquid

Ingredients

Ingredients	CAS #	Content %
Fatty acid (C8-C10)	Mixture	60-70%
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, or call the National POISON CENTER on 0800 764 766 (show the label where possible).

Ingestion: Drink one or two glasses of milk or water. If you are feeling unwell, seek medical advice or call NZ Poisons

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SAFETY DATA SHEET

KIWICARE®


Product Name: *Weed Weapon Bio-Weed Blast*

Print/View Date: 30/08/2024

Page 4 of 10

	Centre on 0800 764 766. If medical advice is needed have product label at hand.
Eye Contact:	Can cause serious eye damage. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, seek immediate medical advice, or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Skin Contact:	Can cause skin irritation. Rinse skin with copious amounts of water and wash with soap and water. If skin irritation persists, seek medical advice, and have the product label at hand.
Inhalation:	Unlikely to present an inhalation hazard. If breathing problems develop, seek medical advice and have product label at hand.
Advice for Medical Doctors:	Treat symptomatically

5. FIRE FIGHTING MEASURES

HAZCHEM code:	
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:	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:	No data for the mixture. Fatty acids when heated to decomposition emits acrid smoke and irritating fumes.

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SAFETY DATA SHEET

KIWICARE®

Product Name: *Weed Weapon Bio-Weed Blast*

Print/View Date: 30/08/2024

Page 5 of 10

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.

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. Contaminated clothing should be washed before reuse. 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. 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 for this product.
Engineering Controls:	No special requirements when used as recommended.
Hand protection:	Wear chemical resistant gloves to avoid skin irritation.
Eye protection:	Wear safety goggles or face shield to avoid eye irritation.

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SAFETY DATA SHEET

Product Name: *Weed Weapon Bio-Weed Blast*

Print/View Date: 30/08/2024

Page 6 of 10

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.
Environmental Exposure Controls:	Minimise release to the environment.

Additional NZ EPA controls:

Code	Section of HSNO Act	Control
Application method restrictions	77A	<i>This substance must be applied by ground-based methods only. Good-based methods of applying pesticides include, but are not limited to, application by ground boom, airblast or knapsack, and do not include aerial application methods.</i>
Label – additional labelling requirements	77A	<i>The substance label must include the following statement, or words to the same effect: This substance must not be applied onto or into water.</i>
Use restrictions	77A	<i>The substance must not be supplied to any person unless – a) The person provides evidence at the time of supply that the substance is required for use in a workplace b) In the relevant circumstances, it is reasonable to believe that evidence. This substance must only be used or stored in a workplace. Workplace has the same meaning as the Health and Safety at Work Act 2015,</i>

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear transparent liquid
Odour:	Mild Odour
Odour Threshold:	No data
pH Value:	Not applicable
Melting/freezing point:	No data
Boiling point (range):	No data
Flash Point:	No data

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SAFETY DATA SHEET

KIWICARE®

Product Name: *Weed Weapon Bio-Weed Blast*

Print/View Date: 30/08/2024

Page 7 of 10

Flammability:	Not applicable
Explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	930 g/l
Solubility:	Forms an emulsion
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:	Avoid strong oxidising agents. Avoid heat, sparks and open flame.
Corrosive Properties:	Not corrosive to metals.
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Class:	Skin Irrit. 2, Eye Dam. 1
Acute Toxicity:	No data for the mixture
Aspiration hazard:	Not classified as an aspiration hazard
Skin corrosion/irritation:	Can cause skin irritation
Serious eye damage/irritation:	Can cause serious eye damage

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SAFETY DATA SHEET

KIWICARE®

Product Name: *Weed Weapon Bio-Weed Blast*

Print/View Date: 30/08/2024

Page 8 of 10

Respiratory or skin sensitisation:	Unlikely to cause skin or respiratory sensitisation.
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
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:	Do not contaminate waterways, sewers, or drains when using product or packaging.
Bioaccumulation:	Not likely to Bioaccumulate
Soil Toxicity:	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. DO NOT burn.
Methods of disposal to avoid	Do not empty down stormwater system

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SAFETY DATA SHEET

KIWICARE®

Product Name: *Weed Weapon Bio-Weed Blast*

Print/View Date: 30/08/2024

Page 9 of 10

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number:	Not applicable
Dangerous Goods Class:	No restriction for transport
Hazchem Code:	3Z
Packaging Group:	Not applicable
Proper Shipping Name:	Not applicable
Segregation:	Not applicable

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR101237
GHS Classifications:	Skin Irrit. 2, Eye Dam. 1
HSNO Controls:	Refer to HSR101237

16. OTHER INFORMATION

SDS date of preparation:	30 / 08 / 2024
SDS date of revision:	30 / 08 / 2029

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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SAFETY DATA SHEET

KIWICARE®

Product Name: *Weed Weapon Bio-Weed Blast*

Print/View Date: 30/08/2024

Page 10 of 10

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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