

# SAFETY DATA SHEET

**KIWICARE<sup>®</sup>**

Product Name: **Weed Weapon Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 1 of 13

## 1. PRODUCT AND COMPANY INFORMATION

<b>Chemical/Product Name:</b>	<b>Weed Weapon Tough Brushweed Ultra</b>
Recommended uses:	Herbicide
Restrictions on Use/Supply:	The substance must not be applied into or onto water. The substance must be under the control of or supervised by a suitably qualified contractor during mixing, loading and use when used by a commercial contractor.
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:	<a href="mailto:info@kiwicare.co.nz">info@kiwicare.co.nz</a>
Website:	<a href="http://www.kiwicare.co.nz">www.kiwicare.co.nz</a>
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 Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 2 of 13

## 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 (Oral)	Not applicable for the UN RTDG Model Regulations		Warning	H302	P102 P264 P270	P101 P301+P312 P330	No storage statements	P501
Skin Sens.1	Not applicable for the UN RTDG Model Regulations		Warning	H317	P261 P272 P280	P302+P352 P333+P313 P321 P363	No storage statements	P501
Eye Irrit. 2	Not applicable for the UN RTDG Model Regulations		Warning	H319	P103 P264 P280	P305+P351+P338 P337+P313	No storage statements	P501
STOT Rep. Exp. 2	Not applicable for the UN RTDG Model Regulations		Warning	H373	P260	P314	No storage statements	P501
Aquatic Acute 1			Warning	H400	P273	P391	No storage statements	P501
Aquatic Chronic 1			Warning	H410	P273	P391	No storage statements	P501

Signal word: **WARNING**

Dangerous Goods: **Class 9**

Packaging Group: **III**

Hazardous Substance (GHS) Codes: **Acute Oral Toxicity Cat. 4**  
**Eye Irritation Cat. 2**  
**Skin Sensitisation Cat. 1**

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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 3 of 13

Specific Target Organ Toxicity (Repeated Exposure)  
Cat. 2

Aquatic Acute Cat. 1

Aquatic Chronic Cat. 1

Pictograms:



Hazard Statement:

H302: Harmful if swallowed.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H373: May cause damage to liver and kidneys through prolonged or repeated exposure.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Hazardous to soil organisms.

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.

P260: Do not breathe mist or spray.

P261: Avoid breathing mist or spray.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink, or smoke when using this product.

P272: Contaminated work clothing should not be allowed outside of the workplace.

P273: Avoid release to the environment.

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

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

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

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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 4 of 13

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

P314: Get medical advice if you feel unwell.

P321: Specific treatments (See first aid instructions)

P330: Rinse mouth.

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

P337+P313: If eye irritation persists: Get medical advice.

P363: Wash contaminated clothing before reuse.

P391: Collect spillage.

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 (For a mixture use this table)

Ingredients	CAS #	Content %
Triclopyr butoxyethyl ester	64700-56-7	30%
Picloram (as amine salt)	1918-02-1 1	10%
Non specified and 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 and drink one or two glasses of water or milk. Do NOT induce vomiting. If feeling unwell, get medical advice or call the National Poisons Centre on 0800 764 766 and have product label at hand.

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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 5 of 13

Eye Contact:	Causes serious eye irritation. If in eyes, rinse continuously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If irritation persists, get medical advice and have product label at hand.
Skin Contact:	Causes skin irritation or an allergic skin reaction. If on skin, wash with plenty of soap and water. If skin irritation or rash develops, get medical advice and have product label at hand.
Inhalation:	Unlikely to cause an inhalation hazard. If breathing problems develop, remove to fresh air and keep at rest in a position comfortable for breathing.
Advice for Medical Doctors:	Treat symptomatically

## 5. FIRE FIGHTING MEASURES

HAZCHEM code:	3Z
Specific Hazards:	Minimise the use of water to prevent environmental contamination.
Suitable Extinguishing Media:	Appropriate fire extinguishers are water, CO <sub>2</sub> 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:	Cupric oxide, sulfur trioxide, carbon dioxide, carbon monoxide.

## 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so. Note here if hazardous to water or soil, etc.
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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 6 of 13

Minor Spills (Up to 20 kg):

Wear protective gloves and eye/face protection. Clear area of unprotected personnel. Contain spill and collect. Ensure adequate ventilation. Do not allow product or washings to enter the waterways or sewer

Major Spills (more than 20 kg):

Wear protective gloves and eye/face protection. Minimise spread. Contain spill and collect. Ensure adequate ventilation Do not allow product or washings to enter 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 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. Wash contaminated clothing before reuse. Contaminated clothing should not be allowed out of the workplace. Clean equipment after use. Do not apply into or onto water. 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:

Although product is non-flammable, keep away from heat sources. The product is not explosive. Keep away from oxidising agents and strong acids.

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# SAFETY DATA SHEET

Product Name: **Weed Weapon Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 7 of 13

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	See 'Exposure Standards' below (Workplace Exposure Standards and Biological Exposure Indexes, Edition 13, 2022)
Engineering Controls:	No special requirements when used as recommended.
Hand protection:	Wear chemical resistant gloves
Eye protection:	Wear safety glasses during mixing and application
Body protection:	Wear disposable overalls or long-sleeved tops, long trousers, and closed work shoes.
Respiratory Protection:	Wear face mask to avoid inhaling mist or spray.
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.
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 <sup>3</sup>	ppm	mg/m <sup>3</sup>
Picloram	1918-02-1		10		

### Additional NZ EPA controls:

Code	Section of HSNO Act	Control
Water	77A	The substance must not be applied into or onto water.
Qualifications	77A	The substance must be under the control of or supervised by a suitably qualified contractor during mixing, loading and use when used by a commercial contractor.
Storage	77A	Stores containing more than 100 litres require secondary containment, signage, and an emergency response plan.

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# SAFETY DATA SHEET

Product Name: **Weed Weapon Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 8 of 13

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear amber liquid
Odour:	Mild ester odour.
Odour Threshold:	No data
pH Value:	6.5-8
Melting/freezing point:	No data
Boiling point (range):	>100°C
Flash Point:	>110°C
Flammability:	Not applicable
Explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	1125 g/l
Solubility:	Miscible
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.
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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 9 of 13

Incompatibility or conditions to be avoided:	None. Avoid excessive heating.
Corrosive Properties:	Not corrosive to metals.
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

## 11. TOXICOLOGICAL INFORMATION

Hazard Class:	Acute Oral Toxicity Cat. 4 Eye Irritation Cat. 2 Skin Sensitisation Cat. 1 Specific Target Organ Toxicity (Repeated Exposure) Cat. 2 Aquatic Acute Cat. 1 Aquatic Chronic Cat. 1 Hazardous to terrestrial vertebrates
Acute Toxicity:	Triclopyr butoxyethyl ester: Acute oral LD <sub>50</sub> = 500 mg/kg (rat) Acute dermal LD <sub>50</sub> = 5000 mg/kg (rat) Picloram: Acute oral LD <sub>50</sub> = 4012 mg/kg (rat) Acute dermal LD <sub>50</sub> = 5000 mg/kg (rat)
Aspiration hazard	May cause irritation on direct inhalation of mist or spray
Skin corrosion/irritation:	Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.
Serious eye damage/irritation:	Can cause serious eye irritation.
Respiratory or skin sensitisation:	Can cause skin sensitisation and/or contact dermatitis.
Germ cell mutagenicity:	No data
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.

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# SAFETY DATA SHEET

Product Name: **Weed Weapon Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 10 of 13

Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific organ toxicity – single exposure:	No data.
Specific organ toxicity – repeated exposure:	May cause damage to liver and kidneys through prolonged or repeated exposure.
Narcotic effects:	No data.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

## 12. ECOTOXICITY INFORMATION

Ecological information of substance:	Very toxic to aquatic life with short term and long-lasting effects. Do not contaminate waterways, sewers, or drains when using product or disposing of packaging. Triclopyr butoxyethyl ester: Rainbow trout, LC <sub>50</sub> (96 hr) = 0.65 mg/L Water flea, EC50 (48 hr) = 1.7 mg/L Picloram: Rainbow trout, LC <sub>50</sub> (96 hr) = 8.8 mg/L Water flea, EC50 (48 hr) = 44.2 mg/L
Bioaccumulation:	Not likely to bioaccumulate.
Soil Toxicity:	Hazardous to soil organisms. Triclopyr butoxyethyl ester soil half-life: 1.5 days @ 20°C (lab trial) Picloram soil half-life = 33 days (field trial)

## 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.
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# SAFETY DATA SHEET

**KIWICARE<sup>®</sup>**

Product Name: **Weed Weapon Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 11 of 13

Container Disposal: Empty containers may 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.

## 14. TRANSPORT INFORMATION

### Road, Rail; Marine and Air:

UN Number: 3082

Dangerous Goods Class: Class 9

Hazchem Code: 3Z

Packaging Group: III

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Triclopyr, Picloram)

Segregation: Food and feedstuffs

## 15. N.Z. REGULATORY INFORMATION

EPA HSNO Number: HSR002485

GHS Classifications: Acute Oral Toxicity Cat. 4  
Eye Irritation Cat. 2  
Skin Sensitisation Cat. 1  
Specific Target Organ Toxicity (Repeated Exposure) Cat. 2  
Aquatic Acute Cat. 1  
Aquatic Chronic Cat. 1  
Hazardous to soil organisms  
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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 12 of 13

HSNO Controls:

Refer to HSR002485

Additional Controls:

Records of use must be kept when 3L or more is applied within 24 hours in a place where the substance is likely to enter the air or water and leave the application area.

Stores containing more than 100 litres require secondary containment, signage, and an emergency response plan.

## 16. OTHER INFORMATION

SDS date of preparation:

20 / 06 / 2025

SDS date of revision:

20 / 06 / 2030

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 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

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# SAFETY DATA SHEET

**KIWICARE<sup>®</sup>**

Product Name: **Weed Weapon Tough Brushweed Ultra**

Print/View Date: 23/02/2026

Page 13 of 13

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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