

SAFETY DATA SHEET

KIWICARE®

Product Name: **Weed Weapon Tough Brushweed**

Print/View Date: 29/06/2022

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	Weed Weapon Tough Brushweed
Recommended uses:	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
Acute Tox.4 (Oral)	Not applicable for the UN RTDG Model Regulations		Warning	H302	P102 P103 ^b P264 P270	P101 ^b P301+P312 P330	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
Skin Sens.1	Not applicable for the UN RTDG Model Regulations		Warning	H317	P103 ^b P261 P272 P280	P302+P352 P333+P313 P321 P363	No storage statements	P501
STOT Rep.Exp.2	Not applicable for the UN RTDG Model Regulations		Warning	H373	P103 ^b P260	P314	No storage statements	P501
Aquatic Acute1			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: **Acute oral Toxicity Cat.4 (Harmful if swallowed)**
Eye Irritant Cat.2 (Causes serious eye irritation)
Skin sensitisation Cat.1 (Suspected of causing skin sensitisation)

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

Aquatic Acute Cat.1 (Very toxic to aquatic life)

Aquatic Chronic Cat.2 (Very toxic to aquatic life with
long term effect)

Pictograms:



Hazard Statement:

H302: Harmful if swallowed.

H319: Causes serious eye irritation

H317: May cause an allergic skin reaction

H373: May cause damage to kidney through
prolonged or repeated exposure.

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long term 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 fume/gas/mist/vapor/spray.

P261: Avoid breathing fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

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

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.

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

P321: Specific treatments (See first aid instructions)

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P330: Rinse mouth.

P363: Wash contaminated clothing before reuse.

P391: Collect spillage.

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

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

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

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: Amber liquid

Ingredients

Ingredients	CAS #	Content %
Triclopyr butoxyethyl ester	64700-56-7	83%
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. Seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.

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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:	May cause skin irritation. Rinse skin with copious amounts of water and wash with soap and water. If you feel unwell seek immediate medical advice and have product label at hand.
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

5. FIRE FIGHTING MEASURES

HAZCHEM code:	2Z
Specific Hazards:	None. Minimise the use of water to prevent environmental contamination.
Suitable Extinguishing Media:	Appropriate fire extinguishers are Water, CO ₂ , Powder. 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 available

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so. The product is hazardous to soil and aquatic organisms.
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Minor Spills (Up to 20 kg):	Wear personal protective clothing. Clear the area of unprotected personnel. Absorb spill with material such as sand, soil, or sawdust. Contain spill and place in sealable container for disposal.
Major Spills (more than 20 kg):	Bund the area of large spill and report them to 0800 CHEMICAL or 0800 243 622. 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. Do not eat, drink or smoke while using this product.
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 minimize exposure to operator and bystanders.

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Hand protection:	If repeated or prolonged contact wear chemical resistant gloves.
Eye protection:	Use safety glasses or face shield.
Body protection:	Wear standard issue work clothes.
Respiratory Protection:	Respirators/ disposable masks should be worn during mixing and spraying.
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:	Amber Liquid
Odour:	Neutral
Odour Threshold:	No data
pH Value:	Not applicable
Melting/freezing point:	No data
Boiling point (range):	No data
Flash Point:	>93°C
Flammability:	Not flammable but will be combustible in fire
Explosive limits:	No data
Vapour pressure:	No data
Vapour density:	>1 (heavier than air)
Relative density:	~1.20g/mL
Solubility:	Emulsifiable

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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 avoided:	Avoid strong oxidising agents. Avoid heat sparks and open flames.
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 (Oral), Eye Irrit.2, Skin Sens.2, STOT Rep.Exp.2
Acute Toxicity:	Acute oral LD ₅₀ >300 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 dermatitis, due to degreasing properties of the product
Serious eye damage/irritation:	May cause serious eye irritation
Respiratory or skin sensitisation:	May cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	No data available

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Carcinogenicity:	This product is not carcinogenic
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:	Kidney
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 and short-term effects. Do not contaminate waterways, sewers, or drains when using product or packaging. Rainbow trout, LC ₅₀ (96 hr) 0.98 mg/L Water flea, EC ₅₀ (48 hr) 1.7mg/L
Bioaccumulation:	This product does not have the potential to bioaccumulate
Soil Toxicity:	Hazardous to soil organisms and terrestrial vertebrates.

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 burn or 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:	3082
Dangerous Goods Class:	Class 9
Hazchem Code:	2Z
Packaging Group:	III
Proper Shipping Name:	Environmentally hazardous substance, Liquid, N.O.S (Triclopyr)
Segregation:	Food, Feed, Class 1, and Class 5 substances

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR000829
GHS Classifications:	Acute Tox.4, Eye Irrit.2, Skin Sens.1, STOT Rep.Exp.2, Aquatic Acute 1, Aquatic Chronic 1.
HSNO Controls:	Refer to HSR000829
Additional Controls:	Stores containing more than 100liters 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: 20 / 04 / 2022

SDS date of revision: 20 / 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
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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