

SAFETY DATA SHEET

KIWICARE®

Product Name: **Weed Weapon Tough**

Print/View Date: 29/06/2022

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	Weed Weapon Tough
Recommended uses:	Herbicide
Restrictions on use/supply:	Do not apply to crops, or in areas grazed by food producing animals.
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
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
STOT Rep.Exp.2	Not applicable for the UN RTDG Model Regulations		Warning	H373	P103 ^b P260	P314	No storage statements	P501
Aquatic Chronic 3	Not applicable for the UN RTDG Model Regulations	No Pictogram	No Signal Word	H412	P103 ^b P273	No response statements	No storage statements	P501

Signal word:

WARNING

Dangerous Goods:

Not a Dangerous Goods

Packaging Group:

III

Hazardous Substance (GHS) Codes:

Eye Irritation Cat. 2 (Causes eye irritation)
Specific Target Organ Toxicity Repeated Exposure
Cat. 2 (Harmful to human target organs)
Aquatic Chronic Cat.3 (Harmful to aquatic life with
long-lasting effects)

Pictograms:



Hazard Statement:

H319: Causes serious eye irritation.
H373: Causes damage to kidney/liver through
prolonged or repeated exposure.
H412: Harmful to aquatic life with long lasting effects.
Hazardous to soil organisms.

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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.

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

P337+313: If eye irritation persists: Get medical advice/attention.

P305+351+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: Dark amber liquid

Ingredients

Ingredients	CAS #	Content %
Triclopyr amine salts	57213-69-1	10-30%
Picloram amine salts	6753-47-5	10-30%
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: Seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.

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

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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 you feel unwell seek immediate medical advice.

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:

2Z

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 is non-flammable. In case of fire wear breathing apparatus.

Hazardous Products of Combustion:

No data available

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 absorb with materials such as sand, soil, or sawdust. Collect the spill products and place in sealable container for disposal.

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.

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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.
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:	Select spray application equipment to minimise exposure to operator and bystander.
Hand protection:	Wear chemical resistant gloves
Eye protection:	Use safety glasses or full-face shield to avoid splashes.
Body protection:	Skin protection not ordinarily required beyond standard issue work clothes.
Respiratory Protection:	No special requirement when used as recommended.

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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.

Exposure Standards:

Substance	Cas #	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Picloram	1918-02-1	-	10	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark amber liquid
Odour:	Nonspecific
Odour Threshold:	No data
pH Value:	7.0-9.0 (1% solution)
Melting/freezing point:	<0°C
Boiling point (range):	>100°C
Flash Point:	Not applicable
Flammability:	Not applicable
Explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	~1.10g/mL
Solubility:	Soluble

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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:	No data available
Corrosive Properties:	Not corrosive to eyes or skin.
Thermal Decomposition:	No data available

11. TOXICOLOGICAL INFORMATION

Hazard Class:	Eye Irrit.2, STOT Rep. Exp.2.
Acute Toxicity:	Acute oral LD ₅₀ >5000 mg/kg (rat). Acute dermal LD ₅₀ >5000 mg/kg (rat)
Aspiration hazard	Unlikely to cause irritation
Skin corrosion/irritation:	Unlikely to cause skin corrosion/irritation
Serious eye damage/irritation:	Can cause serious eye irritation
Respiratory or skin sensitisation:	Unlikely to cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	No data available
Carcinogenicity:	None
Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.

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Specific organ toxicity – single exposure: No data available.

Specific organ toxicity – repeated exposure: Liver, 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: Harmful to aquatic life with long-term effects. Do not contaminate waterways, sewers, or drains when using product or packaging.

Picloram:

Rainbow trout, LC₅₀ (96 hr) 5.5 mg/L

Water flea, EC₅₀ (48 hr) 36.9mg/L

Triclopyr:

Rainbow trout, LC₅₀ (96 hr) 0.7mg/L

Water flea, EC₅₀ (48hr) 1.7mg/L

Bioaccumulation: The product does not have the potential to bioaccumulate.

Soil Toxicity: Hazardous to soil organisms.
Half-life 18-300 days (Picloram)

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.

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Methods of disposal to avoid

Do not empty down stormwater system

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number:	Not applicable
Dangerous Goods Class:	No restriction for transport
Hazchem Code:	2Z
Packaging Group:	Not applicable
Proper Shipping Name:	Not applicable
Segregation:	Not applicable

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR000555
GHS Classifications:	Eye Irrit.2, STOT Rep.Exp.2, Aquatic Chronic 3
HSNO Controls:	Refer to HSR000555
Additional Controls:	Secondary containment and emergency response plan is required when storing more than 1000-litres.

16. OTHER INFORMATION

SDS date of preparation: 19 / 04 / 2022

SDS date of revision: 19 / 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.

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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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