

# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Woody Weed XT**

Print/View Date: 29/06/2022

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## 1. PRODUCT AND COMPANY INFORMATION

<b>Chemical/Product Name:</b>	<b>Weed Weapon Woody Weed XT</b>
Recommended uses:	Ready-to-use-Herbicide
Restrictions for use/supply	Not suitable for indoor use. The product should not be used on crops, feed or areas grazed by food-producing animals. For targeted application 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:	<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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## 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 <sup>b</sup> 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 <sup>b</sup> 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 <sup>b</sup> P260	P314	No storage statements	P501
Aquatic Acute 1			Warning	H400	P103 <sup>b</sup> P273	P391	No storage statements	P501
Aquatic Chronic 1			Warning	H410	P103 <sup>b</sup> P273	P391	No storage statements	P501

Signal word: **WARNING**

Dangerous Goods: **Class 9**

Packaging Group: **III**

Hazardous Substance (GHS) Codes: **Eye Irritation Cat.2 (Causes eye irritation)**  
**Skin Sensitisation Cat.1 (Suspected of causing skin sensitisation)**  
**Specific Target Organ Toxicity- Repeated Exposure Cat.2 (Harmful to human target organs)**  
**Aquatic Acute Cat. 1 (Very toxic to aquatic organisms)**  
**Aquatic Chronic Cat.1 (Very toxic to the aquatic organisms with long lasting effect)**

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Pictograms:



Hazard Statement:

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

H373: Causes damage to kidney through prolonged or repeated exposure.

H400: Very toxic to aquatic life with short term effects.

H410: Toxic to aquatic life with long term effects

Hazardous to soil organisms.

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 thoroughly after handling

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

P261: Avoid breathing spray.

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

P321: Specific treatment on the label.

P363: Wash contaminated clothing before re-use.

P260: Do not breathe fume/gas/spray.

P314: Get medical advice/attention if feeling unwell.

P273: Avoid release to the aquatic environment.

P391: Collect spillage.

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

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

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.

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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: Yellowish brown liquid

### Ingredients

Ingredients	CAS #	Content %
Triclopyr butoxyethyl ester	64700-56-7	18.8%
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: Causes serious eye irritancy. 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: Causes skin irritation. Rinse skin with copious amounts of water and wash with soap and water. If you feel unwell seek immediate medical advice.

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

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## 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 <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:	Nitrogen oxides

## 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so. The product is hazardous to soil and aquatic organisms.
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 fumes/gas. When handling product in bulk, safety footwear should be worn, and proper
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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 sparks, heat, and flames. 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:

Provide general/local ventilation to control airborne levels.

Hand protection:

When repeated or prolonged contact wear chemical resistant gloves.

Eye protection:

Use safety glass or face shield as the product can cause serious eye irritation.

Body protection:

Wear standard issue work cloths.

Respiratory Protection:

Use suitable respiratory protection (respirator/mask)

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. Wash contaminated clothing before re-use. Wash hands before meals and after work.

Environmental Exposure Controls:

Minimise release to the environment.

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## Additional NZ EPA controls:

Code	Section of HSNO Act	Control
Application Method Restriction	77A	<i>For ground-based application hand-directed equipment or a paintbrush must be used.</i> <i>For ariel application, the product must only be applied as a direct application onto the trunk of target tree weed with hand-directed equipment using a helicopter as a working platform.</i> <i>This substance must not be applied from a fixed wing aircraft.</i>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellowish brown liquid
Odour	Aromatic
Odour Threshold:	No data
pH Value:	No data
Melting/freezing point:	No data
Boiling point (range):	No data
Flash Point:	>130°C
Flammability:	Not applicable
Explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	No data
Solubility:	Emulsifiable
Partition coefficient:	No data
Auto-ignition temperature:	No data

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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 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: Eye Irrit.2, Skin sens.1, STOT Rep. Exp. 2,

Acute Toxicity: Acute oral LD<sub>50</sub> >2000 mg/kg (rat).  
Acute dermal LD<sub>50</sub> >1000mg/kg (rat)

Aspiration hazard May cause irritation on inhalation of mist, gas, or vapour

Skin corrosion/irritation: Repeated or prolonged exposure can 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: Unlikely to cause respiratory or skin sensitisation.

Germ cell mutagenicity: No data available

Carcinogenicity: Not applicable

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

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Specific organ toxicity – single exposure:	No data
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:	Very 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 <sub>50</sub> (96 hr) 0.36 mg/L Water flea, EC <sub>50</sub> (48 hr) 1.7mg/L
Bioaccumulation:	The product does not have the potential to bioaccumulate.
Soil Toxicity:	Hazardous to soil organisms.

## 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 dispose of this product or equipment cleaning kerosene down drains or sewers. DO NOT reuse containers. DO NOT burn.
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). Marine pollutant.
Segregation:	Food, feed, Class 1, and Class 5 substances. Secondary containment should be used for more than 100L.

## 15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR101226
GHS Classifications:	Eye Irrit.2, Skin sens.1, STOT Rep.Exp.2, Aquatic Acute 1, Aquatic Chronic 1
HSNO Controls:	Refer to HSR101226
Additional Controls:	Stores containing more than 100-litres require secondary containment, signage and an emergency management plans.  For ground-based applications, this product must only be applied with hand directed equipment or a paintbrush.  For ariel applications, this product must only be applied as a directed application onto the trunk of the target tree weed with hand directed equipment using a helicopter as a working platform.  This product must not be applied from a fixed wing aircraft.

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## 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](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
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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