

# SAFETY DATA SHEET

**KIWICARE<sup>®</sup>**

Product Name: **Weed Weapon Long Term Concentrate**

Print/View Date: 27/07/2022

Page 1 of 11

## 1. PRODUCT AND COMPANY INFORMATION

<b>Chemical/Product Name:</b>	<b>Weed Weapon Long Term Concentrate</b>
Recommended uses:	Ready to mix 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:	<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 Long Term Concentrate**

Print/View Date: 27/07/2022

Page 2 of 11

## 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
Skin Irrit.2	Not applicable for the UN RTDG Model Regulations		Warning	H315	P103 <sup>b</sup> P264 P280	P302 + P352 P321 P332 + P313 P362	No storage statements	P501
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
Repr.2	Not applicable for the UN RTDG Model Regulations		Warning	H361	P103 <sup>b</sup> P201 P202 P281	P308 + P313	P405	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: **Skin Irritation Cat.2 (Causes skin irritation)**  
**Eye Irritation Cat.2 (Causes serious eye irritation)**  
**Reproductive Toxicity Cat.2 (Suspected of causing human Reproductive toxicity)**  
**Aquatic Acute Cat.1 (Very toxic to aquatic organisms)**  
**Aquatic Chronic Cat.1 (Very toxic to aquatic organisms with long lasting effect.)**

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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Long Term Concentrate**

Print/View Date: 27/07/2022

Page 3 of 11

Pictograms:



Hazard Statement:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H361: Suspected of damaging fertility or the unborn child.

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

H410: 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.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P264: Wash hands thoroughly after handling.

P273: Avoid release to the aquatic environment.

P280: Wear protective gloves/eye protection/face

P281: Use personal protective equipment as required.

P321: Specific treatment on the label.

P391: Collect spillage.

P405: Store locked up

P302+352: IF ON SKIN: Wash with plenty of soap and water.

P308+313: If exposed or concerned: Get medical advice/ attention.

P332+313: If skin irritation occurs: Get medical advice/ attention.

P305+351+338: 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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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Long Term Concentrate**

Print/View Date: 27/07/2022

Page 4 of 11

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: Pale white low viscosity suspension

#### Ingredients

Ingredients	CAS #	Content %
Terbutylazine	5915-41-3	30%
Glyphosate	1071-83-6	>10%
Saflufenacil	372137-35-4	<0.2%
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: Drink 1-2 glasses of milk or water. Seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.

Eye Contact: May cause 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: 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.

Inhalation: Unlikely to present an inhalation hazard as the product is stable liquid. If breathing problems develop, seek medical advice, or call NZ Poisons Centre on 0800

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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Long Term Concentrate**

Print/View Date: 27/07/2022

Page 5 of 11

764 766. If medical advice is needed have product label at hand.

Advice for Medical Doctors: Treat symptomatically

## 5. FIRE FIGHTING MEASURES

HAZCHEM code:	3Z
Specific Hazards:	Formation of toxic gases may occur if heated such as carbon monoxide and other unidentified organic and inorganic compounds.
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:	No data for the mixture Terbutylazine emits fumes of Hydrogen chloride (HCl) and nitrogen oxides (NO <sub>2</sub> ) Glyphosate emits fumes of Nitrogen and phosphorus oxides (NO <sub>2</sub> and P <sub>2</sub> O <sub>5</sub> )

## 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 kg):	Wear protective clothing. Clear area of unprotected personnel. Contain spill and collect.
Major Spills (more than 20 kg):	Wear protective clothing. Clear the area of unprotected personnel. Minimise spread. Contain spill and collect. Do not allow product or washings to enter

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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Long Term Concentrate**

Print/View Date: 27/07/2022

Page 6 of 11

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 vapour/mist. When handling product in bulk, safety footwear should be worn, and proper handling equipment should be used. Keep away from sources of ignition. 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. Store locked up.  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:	General ventilation. Keep away from foodstuffs, beverages, and feed. Wash hands before breaks and at the end of work.
Hand protection:	Suitable chemical resistant gloves are recommended for applicants.
Eye protection:	Wear safety glasses or full-face shield if splashes are likely to occur.

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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Long Term Concentrate**

Print/View Date: 27/07/2022

Page 7 of 11

Body protection:	Skin protection not ordinarily required beyond standard issue work clothes. It is good practice to wear chemical resistant gloves.
Respiratory Protection:	Use suitable respiratory protection (respirator/ disposable masks)
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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pale white low viscosity suspension
Odour:	Mild Odour
Odour Threshold:	No data
pH Value:	6.0 - 7.3
Melting/freezing point:	0°C
Boiling point (range):	100°C
Flash Point:	Will not flash
Flammability:	Not applicable
Explosive limits:	Not applicable
Vapour pressure:	No data
Vapour density:	No data
Relative density:	No data
Solubility:	Partially soluble
Partition coefficient:	No data

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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Long Term Concentrate**

Print/View Date: 27/07/2022

Page 8 of 11

Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	LVT #2 @ 12 – 450 to 1200 CPS

## 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 flame.
Corrosive Properties:	Non-corrosive.
Thermal Decomposition:	No data for the mixture. Refer to section 5

## 11. TOXICOLOGICAL INFORMATION

Hazard Class:	Skin Irrit.2, Eye Irrit.2, Repr.2
Acute Toxicity:	Terbutylazine Acute oral LD <sub>50</sub> >1300 mg/kg (rat) Acute dermal LD <sub>50</sub> >2000 mg/kg Glyphosate Acute oral LD <sub>50</sub> >4000mg/kg Acute dermal LD <sub>50</sub> >5000mg/kg
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:	Unlikely to cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	Not mutagenic

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# SAFETY DATA SHEET

**KIWICARE®**

Product Name: **Weed Weapon Long Term Concentrate**

Print/View Date: 27/07/2022

Page 9 of 11

Carcinogenicity:	Not carcinogenic
Reproductive toxicity:	Suspected to be a reproductive toxicant.
Specific organ toxicity – single exposure:	Not applicable
Specific organ toxicity – repeated exposure:	Not applicable
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 lasting and short-term effects. Do not contaminate waterways, sewers, or drains when using product or packaging. Terbuthylazine Rainbow Trout, LC <sub>50</sub> (96) hr 3.4mg/L. Water flea, EC <sub>50</sub> (48hr) 21.2mg/L Glyphosate Rainbow Trout, LC <sub>50</sub> (96 hr) 77.6mg/L Water flea, EC <sub>50</sub> (48 hr) 134mg/L
Bioaccumulation:	The mixture does not have the potential to bioaccumulate.
Soil Toxicity:	Hazardous to soil organisms Terbuthylazine: Half-life 22-196 days Glyphosate: Half-life 45-60 days

## 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®**

Product Name: **Weed Weapon Long Term Concentrate**

Print/View Date: 27/07/2022

Page 10 of 11

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

## 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. Glyphosate.

Segregation: Food/ Animal feed.  
Bulk quantities: Store locked up

## 15. N.Z. REGULATORY INFORMATION

EPA HSNO Number: HSR100934

GHS Classifications: Skin Irrit.2; Eye Irrit.2; Repr.2; Aquatic Acute 1; Aquatic Chronic 1.

HSNO Controls: Refer to HSR100934

Additional Controls: Stores containing more than 100L require secondary containment, signage, and an emergency response plan.  
Contractors that apply product with hand-held equipment must be suitably qualified (Sch.10; hazardous Substances Hazard Properties Control Notice 2017).

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# SAFETY DATA SHEET



Product Name: **Weed Weapon Long Term Concentrate**

Print/View Date: 27/07/2022

Page 11 of 11

## 16. OTHER INFORMATION

SDS date of preparation: 12 / 04 / 2022

SDS date of revision: 12 / 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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