1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	**Weed Weapon Glyphosate 510**
Recommended uses:	Herbicide: spray concentrate mix with water prior to use
Restrictions on Use/Supply:	Avoid spray drift
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
24hr emergency	0800 764 766

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
Aquatic Chronic 2			Warning	H411	P103[b] P273	P391	No storage statements	P501

Signal word: WARNING

Dangerous Goods: Class 9

Packaging Group: III

Hazardous Substance (GHS) Codes: Aquatic Chronic Cat. 2

Pictograms:

Hazard Statement: H411: Toxic to aquatic life with long lasting effects.

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.

P273: Avoid release to the environment.

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 green liquid

Ingredients

Ingredients	CAS #	Content %
Glyphosate isopropylamine (Non-POEA surfactant)	38641-94-0	50-55%
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, or call the National POISON centre on 0800 766 744 (show the label where possible).

Ingestion: Drink one or two glasses of milk or water. If you are feeling unwell, seek medical advice and have the product label at hand.

Eye Contact: Unlikely to cause eye irritancy. Rinse opened eye for several minutes under running water. If eye irritation develops, seek medical advice, and have product label at hand.

Skin Contact: Unlikely to cause skin irritation.Wash with plenty of soap and water. If skin irritation persists, seek medical advice, or call the National POISON centre on 0800 764 766 and have product label at hand.

Inhalation: Unlikely to present an inhalation hazard. If breathing problems develop, seek medical advice, and 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, or 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:	Phosphorous oxides (P_xO_y) and nitrogen oxides (NO_x)

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 L):	Absorb with material such as sand, soil, or sawdust. Contain spill and collect in sealable container for disposal.
Major Spills (more than 20 L):	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. 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 vapours/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. Store contaminated clothing separately. 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 for this product.
Engineering Controls:	No special requirements when used as recommended.
Hand protection:	Wear chemical resistant gloves to avoid irritation.
Eye protection:	If there is significant potential for contact, wear safety goggles.
Body protection:	Wear standard work clothes.
Respiratory Protection:	No special requirement when used as recommended.
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. Any application of this substance onto or into water must be under the personal control of an approved handler

Additional NZ EPA controls:

Code		Control
77A	Active ingredient or component specification - impurity limits, purity requirements, isomer ratios and other specifications	The following limits are set for toxicologically relevant impurities in the active ingredient (glyphosate acid) used to manufacture this substance: - Formaldehyde, (CAS# 50-00-0): 1.3 g/kg maximum- N-nitroso-N-phosphonomethylglycine (CAS# 56516-72-4): 1.0 mg/kg maximum
77A	Label - additional labelling requirements	The following statements, or words to the same effect, must appear on the product label and safety data sheet: · Prevent spray drift as it may cause severe damage to non-target plants

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Green clear liquid
Odour:	Faint amine or odourless
Odour Threshold:	No data
pH Value:	4.5 - 5.5
Melting/freezing point:	No data
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:	~1.2g/mL
Solubility:	Soluble
Partition coefficient:	Octanol-water LogP = -3.2
Auto-ignition temperature:	Not applicable
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:	None
Corrosive Properties:	Not corrosive to eyes or skin.
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Class:	Aquatic Acute 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 on inhalation of mist, gas, or vapour
Skin corrosion/irritation:	Unlikely to cause serious eye irritation
Serious eye damage/irritation:	Unlikely to cause serious eye irritation
Respiratory or skin sensitisation:	Unlikely to cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	No data available
Carcinogenicity:	This product is not carcinogenic
Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific organ toxicity – single exposure:	Not applicable
Specific organ toxicity – repeated exposure:	Not applicable
Narcotic effects:	Not applicable

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 lasting effects. Do not contaminate waterways, sewers, or drains when using product or packaging. Glyphosate isopropylamine: Rainbow trout, LC_{50} (96 hr) 8.2 mg/L Water flea, EC_{50} (48 hr) 869mg/L
Bioaccumulation:	Not likely to Bioaccumulate

Any application of this substance onto or into water must be under the personal control of an approved handler

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.
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:	2Z
Packaging Group:	III

Proper Shipping Name:	Environmentally hazardous substance, Liquid, N.O.S (Glyphosate isopropylamine)
Segregation:	Food and Feed

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR101103
GHS Classifications:	Aquatic Chronic 2
HSNO Controls:	Refer to HSR101103
ACVM Approval	Registered pursuant to the ACVM Act 1997, P010116. See www.foodsafety.govt.nz for registration conditions.
Additional Controls:	Stores containing more than 1000-litres require secondary containment, signage, and an emergency response plan. Contractors that apply product with other then hand-held equipment must be suitably qualified (Sch. 10; Hazardous Substances Hazard Properties Control Notice 2017. Clause 52 of the Hazardous Property Controls Notice does not apply to this substance. See www.epa.govt.nz , HSR101103 for more details.

16. OTHER INFORMATION

SDS date of preparation:	01 / 07 / 2026
SDS date of revision:	01/ 07 / 2031

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