

# SAFETY DATA SHEET

**KIWICARE<sup>®</sup>**

Product Name: *Weed Weapon Pre-Measure Granular Weedkiller 125*

Print/View Date: 5/06/2020

Page 1 of 11

## 1. PRODUCT AND COMPANY INFORMATION

<b>Product Name:</b>	<b>Weed Weapon Pre-Measure Granular Weedkiller 125</b>
Relevant identified uses:	Herbicide
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)

*We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.*


# SAFETY DATA SHEET

Product Name: *Weed Weapon Pre-Measure Granular Weedkiller 125*

Print/View Date: 5/06/2020

Page 2 of 11

## 2. HAZARDS IDENTIFICATION

HSNO Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
6.1E (oral)	Not applicable for the UN RTDG Model Regulations	No pictogram	Warning	H303	P102 P103	P101 P312	No storage statements	P501
6.4A	Not applicable for the UN RTDG Model Regulations		Warning	H319	P103 P264 P280	P305 + P351 + P338 P337 + P313	No storage statements	P501
9.1C	Not applicable for the UN RTDG Model Regulations	No pictogram	No signal word	H412	P103 P273	No response statements	No storage statements	P501

Signal word:

WARNING

Dangerous Goods:

Not a Dangerous Goods.

Packaging Group:

N/A: Packaging must comply with Part B, clause 8 – Hazardous Substances (Packaging) Notice 2017.

Hazardous Substance (HSNO) Codes:

6.1E (May be harmful if swallowed)

6.4A (Eye irritant)

9.1C (Harmful to aquatic environment with long-lasting effects)

Pictograms:



Hazard Statement:

H303: May be harmful if swallowed.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

*We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.*

# SAFETY DATA SHEET

**KIWICARE®**

Product Name: *Weed Weapon Pre-Measure Granular Weedkiller 125*

Print/View Date: 5/06/2020

Page 3 of 11

## 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 thoroughly after handling.

P273: Avoid release to the environment.

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

P312: Call a POISON CENTER 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: Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. This may also include any method of disposal that must be avoided.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Use: Herbicidal Granule

Appearance: Tan/white granule

### Ingredients

Ingredients	CAS #	Content %
Glyphosate mono-ammonium salt	40465-66-5	>75%
Other 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).

*We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.*

# SAFETY DATA SHEET

**KIWICARE®**

Product Name: *Weed Weapon Pre-Measure Granular Weedkiller 125*

Print/View Date: 5/06/2020

Page 4 of 11

## 4. FIRST AID MEASURES

Ingestion:	Rinse mouth. Do NOT induce vomiting. 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 opened eye for several minutes under running water. 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:	Not expected to cause skin irritation. If skin irritation develops, wash with soap and water. If irritation persists 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:	This product is not an inhibitor of cholinesterase. Antidote: please treat with atropine. Use of oximes is not indicated.

## 5. FIRE FIGHTING MEASURES

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.

*We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.*

# SAFETY DATA SHEET

**KIWICARE<sup>®</sup>**

Product Name: *Weed Weapon Pre-Measure Granular Weedkiller 125*

Print/View Date: 5/06/2020

Page 5 of 11

## 4. FIRST AID MEASURES

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:	Carbon monoxide (CO), phosphorous oxides (P <sub>x</sub> O <sub>y</sub> ), nitrogen oxides (NO <sub>x</sub> ) and ammonia (NH <sub>3</sub> )

## 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 collect.
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.  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 dust. When handling product in drums, 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.
--------------------------------	--

*We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.*

# SAFETY DATA SHEET

**KIWICARE®**

Product Name: *Weed Weapon Pre-Measure Granular Weedkiller 125*

Print/View Date: 5/06/2020

Page 6 of 11

## 4. FIRST AID MEASURES

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.

Incompatible materials for storage: galvanised steel, unlined mild steel, see section 10.

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:

See 'Exposure limits' below (Workplace Exposure Standards and Biological Exposure Indices 11<sup>th</sup> edition)

Engineering Controls:

No special requirements when used as recommended.

Hand protection:

If repeated or prolonged contact wear chemical resistant gloves.

Eye protection:

If there is significant potential for contact, wear dust goggles.

Body protection:

Skin protection not ordinarily required beyond standard issue 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. Store work clothing separately.

Environmental Exposure Controls:

Minimise release to the environment. For bulk storage, an environmental assessment must be made to ensure compliance with local environmental legislation.

***We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.***

# SAFETY DATA SHEET

**KIWICARE®**Product Name: *Weed Weapon Pre-Measure Granular Weedkiller 125*

Print/View Date: 5/06/2020

Page 7 of 11

## Exposure Standards:

Substance	Cas #	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
None					

## Additional NZ EPA controls:

### Additional Controls

Code	Section of HSNO Act	Control
Water	77A	<i>Where the substance is applied onto or into water<sup>[1]</sup> and the water has the potential to leave the application area, any application of the substance must be under the personal control of an approved handler.</i> <i>[1] Means water in all its physical forms, whether flowing or not, and whether over or under ground, but does not include water in any form while in a pipe, tank or cistern or water used in the dilution of the substance prior to application</i>
Impurity levels	77A	<i>The following limits are set for toxicologically relevant impurities in the active ingredient, glyphosate, ammonium salt used to manufacture this substance:</i> <ul style="list-style-type: none"><li><i>Formaldehyde: 1.3 g/kg maximum</i></li><li><i>N-nitroso-N-phosphonomethylglycine: 1 mg/kg maximum</i></li></ul>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour:	Tan / white granule; mild odour
Solubility:	Soluble in water
Specific Gravity:	No data
Flash Point:	No applicable
pH Value:	4.2-5.8 (as a 15g/l solution)
Formula:	Mixture
Chemical Family:	Glycines
Oxidising Agents:	Not an oxidant

*We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.*

# SAFETY DATA SHEET

Product Name: *Weed Weapon Pre-Measure Granular Weedkiller 125*

Print/View Date: 5/06/2020

Page 8 of 11

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Exposure Standards (TLV-TW):	Refer to section 8
Engineering Controls:	Refer to section 8

## 10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Incompatibility or conditions to be avoided:	Reacts with galvanized steel or unlined mild steel to produce hydrogen, a highly explosive gas that could explode.
Corrosive Properties:	Not corrosive to eyes or skin.
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

## 11. TOXICOLOGICAL INFORMATION

The relevant hazard classes on ingredient:

Glyphosate mono-ammonium (CAS No. 40465-66-5): HSNO 6.1E; 9.1B (GHS H303; H411)

For the substance (final product): 6.1E (oral); 6.4A; 9.1C (GHS 303; 319; 412)

Skin corrosion/irritation:	Not a skin corrosive or irritant
Serious eye damage/eye irritation:	May cause eye irritation (6.4A)
Respiratory or skin sensitization:	Unlikely to cause respiratory or skin sensitisation.
Germ cell mutagenicity:	Not mutagenic.
Carcinogenicity:	Not carcinogenic.
Reproductivity:	Not a reproductive toxicant.

***We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.***



# SAFETY DATA SHEET

**KIWICARE®**

Product Name: *Weed Weapon Pre-Measure Granular Weedkiller 125*

Print/View Date: 5/06/2020

Page 9 of 11

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	Acute oral LD <sub>50</sub> = 3794 mg/kg (rat). May be harmful if swallowed (6.1E oral). Acute dermal LD <sub>50</sub> >5000 mg/kg (rat)
Chronic Toxicity:	No chronic toxicity.

## 12. ECOTOXICITY INFORMATION

Ecological information of substance:	9.1C: 1 mg/L < EC <sub>50</sub> /LC <sub>50</sub> < 100 mg/L: Rainbow trout, Water flea.
Bioaccumulation:	BCF <1. Not likely to be Bioaccumulative
Soil Toxicity:	No soil toxicity. Half-life 2-174 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.
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.

## 14. TRANSPORT INFORMATION

### Road, Rail; Marine and Air:

UN Number:	Not applicable
Dangerous Goods Class:	No restriction for transport. (ADR/RID; IMDG; IATA/ICAO)
Hazchem Code:	Not applicable
Packaging Group:	Not applicable

*We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.*

# SAFETY DATA SHEET

**KIWICARE®**

Product Name: *Weed Weapon Pre-Measure Granular Weedkiller 125*

Print/View Date: 5/06/2020

Page 10 of 11

## 14. TRANSPORT INFORMATION

Proper Shipping Name: Not applicable

Segregation: Not applicable

## 15. N.Z. REGULATORY INFORMATION

EPA HSNO Number: HSR101245

HSNO Classifications: 6.1E (oral); 6.4A; 9.1C

HSNO Controls: Refer to HSR101245

HSNO Approved codes of Practice: Refer to HSR101245

## 16. OTHER INFORMATION

SDS date of preparation: 28 / 05 / 2020

SDS date of revision: 28 / 05 / 2025

### Emergency Contact:

Work Hours: 24 Hours:

Kiwicare Corporation

225 Maces Road

PO Box 15050

Christchurch

Tel: (03) 389 0778

Fax: (03) 389 0669

National Poisons Centre

PO Box 913

Dunedin

Tel: 0800 764 766 (POISON)

*We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.*

# SAFETY DATA SHEET

**KIWICARE®**

Product Name: *Weed Weapon Pre-Measure Granular Weedkiller 125*

Print/View Date: 5/06/2020

Page 11 of 11

## 16. OTHER INFORMATION

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

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

GHS: Global Harmonized System

EU: European Union

EC: European Commission

TLV: Threshold Limit Value

TWA: Time Weighted Average

STEL: Short-Term Exposure Limit

H Phrase: Hazard phrase

P Phrase: Precautionary phrase

*We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.*