

SAFETY DATA SHEET

Product Name: *McGregor's Woody & Bulbous Gel*

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	<i>McGregor's Woody & Bulbous Weed Killer Gel</i>
Recommended uses:	Herbicide as a ready-to-use gel
Restrictions on Use/Supply	See Section 7.
Molecular Formula:	Mixture
Supplier:	Amalgamated Hardware Merchants Ltd (AHM)
Street Address:	8 Hautu Drive, Wiri, Manukau, New Zealand
Postal Address:	PO Box 97162, Manukau 2241, New Zealand
Telephone	+64 9 251 1310
Email:	info@ahm.co.nz
Website:	www.ahm.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
Skin Sensitiser Cat. 1	Not applicable for the UN RTDG Model Regulations		Warning	H317	P103 P261 P272 P280	P302 + 352 P333 + 313 P321 P363	No storage statements	P501
STOT Repeated Exposure Cat 2	Not applicable for the UN RTDG Model Regulations		Warning	H373	P103 P260	P314	No storage statements	P501
Hazardous to soil organisms		N/A	Nil	N/A	N/A	N/A	N/A	N/A

Signal word:

WARNING

Dangerous Goods:

Not a Dangerous Goods for transport

Packaging Group:

Not applicable: Packaging must comply with Part B, clause 8 – Hazardous Substances (Packaging) Notice 2017.

Hazardous Substance (HSNO) Codes:

Skin Sensitiser Category 1
Specific Target Organ Toxicity, Repeated Exposure, Category 2

Pictograms:



Hazard Statement:

H317: May cause an allergic skin reaction
H373: Causes damage to organs through prolonged or repeated exposure.
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
- P261: Not applicable to this product
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P280: Wear protective gloves while handling.
- P260: Not applicable to this product
- P302 + P352: If ON SKIN wash with plenty of soap and water.
- P333 + P313: If SKIN irritation or rash occurs get medical advice or attention
- P321: Avoid contact with skin, do not ingest.
- P363: Wash Contaminated clothing before reuse.
- P314: Get medical advice/attention if you feel unwell.
- P501: Dispose of empty containers in rubbish.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Red translucent gel.

Ingredients:

Ingredients	CAS #	Content %
Picloram as the potassium salt	2545-60-0	5
1,2-benzisothiazol-3(2H)-one	2634-33-5	<0.1
Non specified non-hazardous ingredients	NA (Mixture)	to 100

4. FIRST AID MEASURES

General information:

Wear gloves and avoid contamination of exposed skin. In case of accident, or if you feel unwell, seek medical advice (show the label where possible).

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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:	No expected to cause eye irritancy. If in EYES rinse cautiously for several minutes under running water. If irritation develops, seek medical advice. If medical advice is needed have product label at hand.
Skin Contact:	May cause an allergic skin reaction. Wash with soap and water. If you feel unwell seek medical advice.
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:	2 7
Specific Hazards:	None. Minimise the use of water to prevent environmental contamination.
Suitable Extinguishing Media:	Water spray, CO ₂ , Powder or Alcohol resistant foam. Use extinguishing media appropriate to the surrounding conditions.
Fire Fighting Advice:	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:	<i>Carbon monoxide (CO), nitrogen oxides (NO_x) and chlorine (Cl)</i>

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	Floors and surfaces may be slippery. Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8.
Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 kg):	Low environmental hazard. Scrape up spill or absorbed with sand or other medium and collect in sealed containers 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. Collect in an appropriate sealable container for disposal in an approved landfill.

7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid prolonged or repeated contact with skin. Avoid inhaling any fumes. 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.
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. 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.

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7. HANDLING AND STORAGE

Additional Requirement For additional guidance refer to NZS 8409:2021 "Management of Agrichemicals", and relevant local and regional council plans, where applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: See 'Exposure Standards' below (Workplace Exposure Standards and Biological Exposure Indices, November 2020, Edition 12-1)

Engineering Controls: No special requirements when used as recommended.

Hand protection: If repeated or prolonged contact wear chemical resistant gloves.

Eye protection: No special requirements when used as recommended.

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 should be made to ensure compliance with local environmental legislation.

Exposure Standards:

Substance	Cas #	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Picloram	1918-02-1		10.0		

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red translucent viscous liquid
Odour:	No specific odour
Odour Threshold:	N/A
pH Value:	7.5 – 9.0
Melting/freezing point:	No data
Boiling point (range):	No data
Flash Point:	Will not flash
Flammability:	N/A
Explosive limits:	N/A
Vapour pressure:	No data
Vapour density:	Not volatile
Relative density:	1,030 g/l (approx.)
Solubility:	Soluble
Partition coefficient:	No data
Auto-ignition temperature:	N/A
Decomposition temperature:	N/A
Viscosity:	12,500 to 20,000 cps

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Chemical/material Incompatibilities	Avoid mixing with strong acids, alkalis and oxidising agents such as chlorine compounds, etc..

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10. STABILITY AND REACTIVITY

Conditions to be avoided:	Avoid excessive heating
Thermal Decomposition:	Decomposition will not occur under normal conditions. Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Classes	Skin Sensitiser Category 1 Specific Target Organ Toxicity, Repeated Exposure, Category 2
Acute Toxicity (picloram):	Acute oral LD ₅₀ = 4012 mg/kg (rat). Acute dermal LD ₅₀ >2000 mg/kg (rat)
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.
Serious eye damage/irritation:	Unlikely to cause eye irritation
Respiratory or skin sensitisation:	May cause allergic skin reaction and/or contact dermatitis
Germ cell mutagenicity:	No data available
Carcinogenicity:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific organ toxicity – single exposure:	No data available
Specific organ toxicity – repeated exposure:	No data available
Narcotic effects:	No data available.

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11. TOXICOLOGICAL INFORMATION

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. Do not contaminate waterways, sewers, or drains when using product or packaging. Rainbow trout, LC50 (96 hr) 13 mg/L Water Flea, EC50 (48 hr) 68.3 mg/L Very toxic to terrestrial plants
Bioaccumulation potential:	BCF 74. Not likely to bioaccumulate
Soil Toxicity and degradability:	No soil toxicity. Half-life 34-156 days
Mobility in soil	High mobility potential.

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.
Methods of disposal to avoid	Do not empty down stormwater system

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number: Not applicable

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14. TRANSPORT INFORMATION

UN Dangerous Goods Class:	No restriction for transport. (ADR/RID; IMDG; IATA/ICAO) – may need to list separately
Hazchem Code:	2.2
UN Packaging Group:	Not applicable
UN Proper Shipping Name:	Not applicable
Segregation:	Not applicable

15. N.Z. REGULATORY INFORMATION

HSNO approval Number:	HSR000552
GHS Classifications:	Skin Sens.1 STOT, Rep. Exp. 2
HSNO Controls:	Refer to HSR000552
Other Controls	Certified Handler not required Emergency response plan and secondary containment required if >1000-litres present

16. OTHER INFORMATION

SDS date of preparation: 22 / 09 / 2021

SDS date of revision: 22 / 09 / 2026

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 Amalgamated Hardware Merchants Ltd (AHM) web site, www.ahm.co.nz, or contact the supplier of the starting materials.

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.

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16. OTHER INFORMATION

This information is based on data believed by Amalgamated Hardware Merchants Ltd (AHM) 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 Amalgamated Hardware Merchants Ltd (AHM) 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