

SAFETY DATA SHEET

Product Name: *McGregor's Weed Out Weed Killer RTU*

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	McGregor's Weed Out Weed Killer RTU
Recommended uses:	Herbicide – Ready to use
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

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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
Aquatic Chronic 4	Not applicable for the UN RTDG Model Regulations	No pictogram	No signal word	H413	P103 ^b P273	No response statements	No storage statements	P501

Signal word: No signal word

Dangerous Goods: Not applicable

Packaging Group: Not applicable

GHS Codes: Aquatic Chronic 4

Hazard Statement: H413: May cause long lasting harmful effects to aquatic life.

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 aquatic environment.
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 amber coloured liquid.

Ingredients

Ingredients	CAS #	Content %
Glyphosate as the isopropyl amine salt	38641-94-0	<0.73%
Non specified non-hazardous ingredients	NA (Mixture)	to 100 %

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4. FIRST AID MEASURES

General information:	In case of accident, or if you feel unwell, seek medical advice (show the label where possible).
Ingestion:	Rinse mouth. Drink one or two glasses of milk and 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:	Unlikely to cause eye irritation. Rinse opened eye for several minutes under running water. If irritation develops, seek medical advice, or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Skin Contact:	Unlikely to 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. 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.

5. FIRE FIGHTING MEASURES

HAZCHEM code:	Not applicable
Specific Hazards:	None. Minimise the use of water to prevent environmental contamination.
Suitable Extinguishing Media:	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:	None.

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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.

7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid prolonged or repeated contact with skin and eye. Avoid inhaling mist or 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. Do not allow product to get wet in storage. 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 to this product .
Engineering Controls:	No special requirements when used as recommended.

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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.
Environmental Exposure Controls:	Minimise release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear amber liquid
Odour:	Faint amine or odourless
Odour Threshold:	No data
pH Value:	4.5-6.8
Melting/freezing point:	No data
Boiling point (range):	>100°C
Flash Point:	Will not flash.
Flammability:	Not applicable
Explosive limits:	Not applicable
Vapour pressure:	0.007 (glyphosate IPA)
Vapour density:	No data
Relative density:	1170g/L

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Solubility:	Soluble
Partition coefficient:	LogP=-3.2 (low) (glyphosate)
Auto-ignition temperature:	Not applicable
Decomposition temperature:	282°C
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 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

Hazard Classes	Not toxic to mammals
Acute Toxicity:	Acute oral LD ₅₀ = >5000 mg/kg (rat). Acute dermal LD ₅₀ >2000 mg/kg (rabbit)
Aspiration hazard	Not considered an aspiration hazard
Skin corrosion/irritation:	Not a skin corrosive.
Serious eye damage/irritation:	Unlikely to cause eye irritation.
Respiratory or skin sensitisation:	Unlikely cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	No data available

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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:	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:	May cause long lasting harmful effects to aquatic life. Do not contaminate waterways, sewers, or drains when using product or packaging.
Bioaccumulation potential:	This product is not likely to bioaccumulate
Soil Toxicity and degradability:	No soil toxicity.

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

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14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number:	Not applicable
UN Dangerous Goods Class:	Not applicable
Hazchem Code:	Not applicable
UN Packaging Group:	Not applicable
UN Proper Shipping Name:	Not applicable
Segregation:	Not applicable

15. N.Z. REGULATORY INFORMATION

HSNO approval Number:	HSR000765
GHS Classifications:	Aquatic Chronic 4
HSNO Controls:	Refer to HSR00765
Other Controls	Does not require a certified handler certificate.

16. OTHER INFORMATION

SDS date of preparation: 12 / 07 / 2023

SDS date of revision: 12 / 07 / 2028

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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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
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