

# SAFETY DATA SHEET

Product Name: *McGregor's Weed-Out Natural*

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## 1. PRODUCT AND COMPANY INFORMATION

<b>Chemical/Product Name:</b>	<b><i>McGregor's Weed-Out Natural (conc.)</i></b>
Recommended uses:	Herbicide
Restrictions on Use/Supply	For ground-based applications. Not for use in or over water
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:	<a href="mailto:info@ahm.co.nz">info@ahm.co.nz</a>
Website:	<a href="http://www.ahm.co.nz">www.ahm.co.nz</a>
Emergency Contact Numbers:	0800 764 766 (0800 POISON)
National Poisons Centre:	0800 764 766 (0800 POISON)

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## 2. HAZARDS IDENTIFICATION

HSNO (GHS) Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
Skin corrosion/ irritation Cat.2	Not applicable for the UN RTDG Model Regulations		Warning	H315	P103 P264 P280	P302 + 352 P321 P332 + 313 P362	No storage statements	P501
Serious eye damage/ irritation Cat.2	Not applicable for the UN RTDG Model Regulations		Warning	H319	P103 P264 P280	P305 + 351 + 338 P337 + 313	No storage statements	P501
Hazard to aquatic environment Cat.4	Not applicable for the UN RTDG Model Regulations	No pictogram	No signal word	H402	P103 P273 (n/a)	No response statements	No storage statements	P501

Signal word:

WARNING

Dangerous Goods:

Not classified a Dangerous Goods

Packaging Group:

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

Hazardous Substance (GHS) Codes:

Skin corrosion/ irritation Cat.2  
 Serious eye damage/ irritation Cat.2  
 Hazard to aquatic environment Cat.4

Pictograms:



Hazard Statement:

H315 Causes skin irritation  
 H319 Causes serious eye irritation  
 H402 Harmful to aquatic life

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## Precautionary Statements:

- P102: Keep out of reach of children  
P103: Read label before use  
P264: Wash hands and exposed skin thoroughly after using  
P280: Wear disposable protective gloves. Wear eye protection.
- P321: Wash hands and exposed skin with soap and water  
P362: Remove any contaminated clothing and wash before reuse.  
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313: If eye irritation persists, seek medical advice.  
P501: Empty containers can be recycled or sent to landfill after cleaning if in compliance with local and national regulations.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Light straw-coloured liquid

Ingredients	CAS #	Content %
Octanoic acid	124-07-2	25-35%
Decanoic acid	344-48-5	25-35%
C16-C18 25EO	68439-49-6	10-15%
Unspecified 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).

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Ingestion:	Rinse mouth. If you feel unwell seek medical advice, have product label or this SDS at hand.
Eye Contact:	Causes serious eye irritation. 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 or this SDS at hand.
Skin Contact:	Causes skin irritation. Wash skin with soap and water. If irritation develops seek immediate medical advice.
Inhalation:	Unlikely to present an inhalation hazard but avoid breathing mist or spray. 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:	2Y
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.
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) and carbon dioxide (CO <sub>2</sub> )

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## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	Use personal protective equipment. Avoid breathing vapours or mist. 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. 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. 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.  Incompatible materials for storage: galvanised steel, unlined mild steel, bases such as sodium hydroxide; see section 10.  Minimum shelf life: 2 years.

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## 7. HANDLING AND STORAGE

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 limits apply to any constituent of this product. See 'Exposure limits' below (Workplace Exposure Standards and Biological Exposure Indices edition 12-1)

Engineering Controls: No special requirements when used as recommended.

Hand protection: Wear chemical resistant gloves.

Eye protection: Wear eye protection – safety glasses or face shield.

Body protection: Special skin protection not ordinarily required beyond standard issue work clothes. Wash contaminated clothing before reuse.

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 and wash before reuse.

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

### Exposure Standards:

No exposure standards apply

### Additional NZ EPA controls:

No additional controls apply

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, pale straw-coloured liquid
Odour:	Slight fatty acid odour
Odour Threshold:	No data
pH Value:	7.0 – 8.5 (10% solution)
Melting/freezing point:	Approx. 0°C
Boiling point (range):	No data
Flash Point:	101°C
Flammability:	Not applicable
Explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	920-980 g/l
Solubility:	Emulsifiable
Partition coefficient:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data

## 10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Chemical/material Incompatibilities	Reacts with galvanized steel or unlined mild steel to produce hydrogen, a highly explosive gas that could explode.

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## 10. STABILITY AND REACTIVITY

Conditions to be avoided:	Avoid excessive heating
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

## 11. TOXICOLOGICAL INFORMATION

Hazard Classes	Skin corrosion/ irritation Cat.2 Serious eye damage/ irritation Cat.2 Hazard to aquatic environment Cat.4
Acute Toxicity:	Acute oral LD <sub>50</sub> = >5000 mg/kg (rat). Acute dermal LD <sub>50</sub> >2000 mg/kg (rat)
Aspiration hazard	No component is an aspiration hazard. May cause irritation on inhalation of mist or vapour to some users
Skin corrosion/irritation:	Repeated or prolonged exposure may cause skin irritation or burns.
Serious eye damage/irritation:	May cause serious eye damage
Respiratory or skin sensitisation:	May cause skin sensitisation 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.
Bioaccumulation potential:	BCF <1. Not likely to bioaccumulate.
Soil Toxicity and degradability:	No soil toxicity. Half-life 1-2 days
Mobility in soil	Moderate to high mobility potential, but rapidly degraded.

## 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 or into local streams or waterways

## 14. TRANSPORT INFORMATION

### Road, Rail; Marine and Air:

UN Number:	Not applicable
UN Dangerous Goods Class:	No restriction for transport.
Hazchem Code:	2Y

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## 14. TRANSPORT INFORMATION

UN Packaging Group:	III
UN Proper Shipping Name:	Not applicable
Segregation:	Separate from bases

## 15. N.Z. REGULATORY INFORMATION

HSNO approval Number:	HSR101380
HSNO (GHS) Classifications:	Skin corrosion/ irritation Cat.2 Serious eye damage/ irritation Cat.2 Hazard to aquatic environment Cat.4
HSNO Controls:	Refer to HSR101380
Other Controls	No additional controls apply.

## 16. OTHER INFORMATION

SDS date of preparation: 10 / 08 / 2021

SDS date of revision: 10 / 08 / 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](http://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.

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.

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## 16. OTHER INFORMATION

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