

SAFETY DATA SHEET

Product Name: *McGregor's Weed Out Protect*

Print/View Date: 25/01/2024

Page 1 of 10



1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	McGregor's Weed Out Protect
Recommended uses:	Herbicide (Crop protection product)
Molecular Formula:	Mixture
Supplier:	Amalgamated Hardware Merchants Ltd (AHM)
Street Address:	Unit 1 , 169 Given Terrace, Paddington, QLD, 4064
Telephone	07 33678419
Email:	enquiries@ahmaustralia.com.au
Website:	www.mcgregors.com.au
Poisons Information Center Australia:	131126
National Poisons Centre New Zealand:	0800 764 766 (0800 POISON)

SAFETY DATA SHEET

Product Name: *McGregor's Weed Out Protect*

Print/View Date: 25/01/2024

Page 2 of 10



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
Eye Irrit. 2	Not applicable for the UN RTDG Model Regulations		Warning	H319	P103 P264 P280	P305+P351+P338 P337+P313	No storage statements	P501
Aquatic Acute 1			Warning	H411	P103 P273	P391	No storage statements	P501
Aquatic Chronic 2			No signal word	H411	P103 P273	P391	No storage statements	P501

Signal word:

WARNING

Dangerous Goods:

Dangerous Goods (Class 9)

Packaging Group:

III

Hazardous Substance (GHS) Codes:

Eye Irritation Cat. 2

Aquatic Acute 1

Aquatic Chronic 2

Pictograms:



Hazard Statement:

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

SAFETY DATA SHEET

Product Name: *McGregor's Weed Out Protect*

Print/View Date: 25/01/2024

Page 3 of 10



P102: Keep out of reach of children.

P103: Read label before use.

P264: Wash contaminated body parts thoroughly after handling.

P280: Wear protective gloves/clothing/eye protection.

P273: Avoid release to the environment.

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+P311: If eye irritation persists: Call a POISON CENTER or doctor/physician.

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: Yellow/brown granules

Ingredients

Ingredients	CAS #	Content (W/W) %
Pendimethalin	40487-42-1	1%
Dimethenamid-P	163515-14-8	0.75%
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 (show the label where possible).

Ingestion: Rinse mouth. Drink one or two glasses of milk or water. If you are feeling unwell, seek medical advice or call the Poisons Centre. If medical advice is needed have product label at hand.

SAFETY DATA SHEET

Product Name: *McGregor's Weed Out Protect*

Print/View Date: 25/01/2024

Page 4 of 10



Eye Contact:	Can cause eye irritation. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, Call a POIOSN CENTER or doctor/physician. If medical advice is needed have product label at hand.
Skin Contact:	Unlikley to cause skin irritation. Rinse skin with copious amounts of water and wash with soap and water. If skin irritation develops medical advice and have the product label at hand.
Inhalation:	Unlikely to present an inhalation hazard. If breathing problems develop, seek medical advice or call a Poisons Centre. If medical advice is needed have product label at hand.
Advice for Medical Doctors:	Treat symptomatically, no specific antidote.

5. FIRE FIGHTING MEASURES

HAZCHEM code:	2Z
Specific Hazards:	Carbon monoxide, carbon dioxide, hydrogen chloride, nitrogen oxides, halogenated compounds, silica compounds. The substance/ group of substances mentioned can be released in case of a fire.
Suitable Extinguishing Media:	Dry powder, foam, water spray.
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, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	For personal protection see section 8.
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SAFETY DATA SHEET

Product Name: *McGregor's Weed Out Protect*

Print/View Date: 25/01/2024

Page 5 of 10



Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 kg):	Environmentally hazardous substance. 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:	Ensure thorough ventilation of stores and work areas. Avoid prolonged or repeated contact with skin and eye. Avoid inhaling dust. 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: 24 months.
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:	Components with occupational exposure limits Quartz (SiO ₂), CAS [14808-60-7]; (OEL (AU)), dust Included in the regulation, but with no data values – See the regulation for further details.
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SAFETY DATA SHEET

Product Name: *McGregor's Weed Out Protect*

Print/View Date: 25/01/2024

Page 6 of 10



	TWA value 0.1mg/m ³ (OEL (AU))
	TWA value 0.05 mg/m ³ (AU NOEL), Respirable dust See Silica, Crystalline.
	TWA value 0.05 mg/m ³ (AU NOEL), Respirable dust
	TWA value 0.025 mg/m ³ (ACGIHTLV), Respirable fraction.
Engineering Controls:	No special requirements when used as recommended.
Hand protection:	Wear chemical resistant gloves.
Eye protection:	Wear safety glasses with side-shields (frame 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow/brown granules
Odour:	Charateristic
Odour Threshold:	No data
pH Value:	~3.0-5.0 (25°C)
Melting/freezing point:	>100°C (based on properties of individual component)
Boiling point (range):	No data
Flash Point:	Not applicable
Flammability:	Not applicable
Explosive limits:	Not applicable

SAFETY DATA SHEET

Product Name: *McGregor's Weed Out Protect*

Print/View Date: 25/01/2024

Page 7 of 10



Vapour pressure:	Not applicable
Vapour density:	Not applicable
Relative density:	~660kg/m ³ (20°C)
Solubility:	Dispersible
Partition coefficient:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	Not applicable

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Incompatibility or conditions to be avoid:	Strong oxidising agents, strong bases, strong acids.
Corrosive Properties:	Not corrosive to eyes or skin.
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Class:	Eye Irrit. 2
Acute Toxicity:	Acute oral LD ₅₀ >2000mg/kg (rat) (Experimental/calculated data) Acute dermal LD ₅₀ >2000 mg/kg (rat)
Aspiration hazard	Unlikely to cause an aspiration hazard.
Skin corrosion/irritation:	Unlikely to cause skin corrosion/irritation
Serious eye damage/irritation:	May cause eye irritation.
Respiratory or skin sensitisation:	Unlikely to cause skin sensitisation and/or contact dermatitis

SAFETY DATA SHEET

Product Name: *McGregor's Weed Out Protect*

Print/View Date: 25/01/2024

Page 8 of 10



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:	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:	Toxic to aquatic life with long lasting effects. Do not contaminate waterways, sewers, or drains when using product or packaging. Pendimethalin Rainbow trout, LC ₅₀ (96 hr) = 0.196 mg/L Water flea, EC ₅₀ (48 hr) = 0.147mg/L Dimethenamid-P Rainbow trout, LC ₅₀ (96 hr) = 2.6 mg/L Water flea, EC ₅₀ (48 hr) = 3.2 mg/L
Bioaccumulation:	No data
Soil Toxicity:	No soil toxicity.
Mobility in soil	No data.

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.
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SAFETY DATA SHEET

Product Name: *McGregor's Weed Out Protect*

Print/View Date: 25/01/2024

Page 9 of 10



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:	UN 3077
Dangerous Goods Class:	Class 9
Hazchem Code:	2Z
Packaging Group:	III
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, N.O.S (contains Pendimethalin, dimethenamid-P)
Additional Information	Environmentally Hazardous substances meeting the description of UN 3077 or UN 3082 are not subjected to the Australian Dangerous Goods Code when transported by road or rail in packagings not exceeding 500kg (L) or IBCs.

15. N.Z. REGULATORY INFORMATION

APVMA Approval:	93696
GHS Classifications:	Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2
Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)	Schedule 6

16. OTHER INFORMATION

SDS date of preparation:	25 / 01 / 2024
SDS date of revision:	25 / 01 / 2029

SAFETY DATA SHEET

Product Name: *McGregor's Weed Out Protect*

Print/View Date: 25/01/2024

Page 10 of 10



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 McGregor's web site, www.mcgregors.com.au, 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 Pty 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 Pty 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