



Section 1 – Identification of the substance/preparation and the company

Product Name: Donaghys Acetochlor 840
Company: Donaghys Ltd
Address: 16 Sheffield Crescent
 PO Box 20 449
 Christchurch
Telephone Number: 0800 942 006
Manufacturer Product Code: AGAC0020 / AGAC0100 / AGAC1000
Recommended Use: Selective herbicide

Section 2 – Hazard Identification

GHS Classifications: Acute oral toxicity Category 4
 Acute inhalation toxicity Category 4
 Skin irritation Category 2
 Eye irritation Category 2
 Skin sensitisation Category 1
 Specific target organ toxicity – repeated exposure Category 2
 Hazardous to the aquatic environment acute Category 1
 Hazardous to the aquatic environment chronic Category 1
 Hazardous to soil organisms
 Hazardous to terrestrial vertebrates

GHS Pictograms:

Hazard Statements:

H302	Harmful if swallowed
H332	Harmful if inhaled
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
H421	Very toxic to the soil environment
H433	Harmful to terrestrial vertebrates

Prevention Statements:

P103	Read label before use
P260	Do not breathe fume/gas/mist/vapours/spray
P261	Avoid breathing fume/gas/mist/vapours/spray
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection

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Response Statements:	P101	If medical advice is needed, have product container or label at hand.
	P330	Rinse mouth.
	P301 + P31	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
	P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
	P312	Call a POISON CENTER or doctor/physician if you feel unwell.
	P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
	P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
	P362	Take off contaminated clothing and wash before re-use.
	P363	Wash contaminated clothing before reuse.
	P314	Get medical advice/attention if you feel unwell.
	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: Get medical advice/attention.
	P391	Collect spillage.

Signal Word: WARNING

EPA NZ Approval Code: HSR000404

Section 3 – Composition Information

Chemical Entity	CAS No.	Content [%]
Acetochlor	34256-82-1	84%
Dichlormid	37764-25-3	>10%

Section 4 – First Aid Measures

If swallowed:	NEVER give anything by mouth to an unconscious person. Rinse Mouth. Do NOT induce vomiting. Immediately call the National POISON CENTER (0800 764 766) or doctor/physician if you feel unwell.
If in eyes:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so, continue rinsing. If eye irritation persists: Get medical advice/attention.
If on skin:	Take off contaminated clothing and wash before re-use. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
If inhaled:	Remove to fresh air and keep at rest in a position comfortable for breathing. Call the National POISON CENTER (0800 764 766) or doctor/physician if you feel unwell.

Advice to Doctor: Treat symptomatically. No known specific antidote.

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

POISON CENTRE CONTACT: 0800 764 766 (National Poisons Information Centre)

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Section 5 – Fire-fighting Measures

Flashpoint:	N/A
Combustion Products:	If involved in fire, it will emit hydrogen chloride and organochlorine compounds.
Flammability Limits:	N/A
Protective Equipment:	SCBA and chemical protective clothing.
Extinguishing Media:	Sprayed water jet, foam, dry chemical powder, CO ₂ and sand
Special Fire Fighting Methods:	Do not allow water to enter drains.

Section 6 – Accidental Release Measures

Spills and Disposal:	<p><u>MAJOR SPILLS:</u></p> <p>Slippery when spilt. Wear appropriate protective clothing.</p> <ol style="list-style-type: none">1: Clear area of personnel.2: Alert Fire Brigade and tell them location and nature of hazard.3: Control personal contact by using protective equipment as required.4: Prevent spillage from entering drains or waterways.5: Contain spill with sand, earth or vermiculite.6: Collect recoverable product into labelled containers for recycling.7: Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal.8: Wash area and absorb further with inert material. Prevent runoff into drains or waterways.9: If contamination of drains or waterways occurs, advise emergency services. <p><u>MINOR SPILLS:</u></p> <p>Slippery when spilt. Wear appropriate protective clothing.</p> <ol style="list-style-type: none">1: Clean up all spills immediately.2: Avoid breathing vapours and contact with skin and eyes.3: Control personal contact by using protective equipment.4: Contain and absorb spill with sand, earth, inert material or vermiculite.5: Wipe up.6: Place in a suitable labelled container for waste disposal. <p><u>DISPOSAL:</u></p> <ol style="list-style-type: none">1: Recycle wherever possible or consult manufacturer for recycling options.2: Consult State Land Waste Management Authority for disposal.3: Treat and neutralise with slaked lime at an effluent treatment plant.4: Recycle containers, otherwise dispose of in an authorised landfill.
Protective Equipment:	Wear SCBA, neoprene gloves and boots, overalls and face/eye protection.
Environmental Precautions:	Avoid entry into waterways or streams. Prevent washings from entering waterways. Collect Spillage.

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Section 7– Handling and Storage

- Storage:** **SUITABLE CONTAINER**
Keep out of reach of children. Protect from direct heat and sunlight. Check all containers are clearly labelled and free from leaks.
- STORAGE INCOMPATIBILITY**
Store away from oxidizing agents.
- STORAGE REQUIREMENTS**
- 1: Store in original containers.
 - 2: Keep containers securely sealed and locked away to prevent access of unauthorized personnel.
 - 3: Store securely below 30°C and in dry place.
 - 4: Store away from incompatible materials and foodstuff containers and sources of ignition.
 - 5: Protect containers against physical damage and check regularly for leaks.
 - 6: Observe storing and handling recommendations on label.
 - 7: This substance is subject to a requirement for a Level 2 emergency management plan, secondary containment and signage, whenever it is held in quantities of 100L or more.
 - 8: Protect against freezing.
- Handling:** Do not handle until all safety instructions have been read and understood.
Wear eye protection.
Avoid contact with skin and eyes.
Avoid release to the environment.

Section 8 – Exposure Controls/Personal Protection

These precautions are suggested for conditions where the potential for exposure to the product exists. Emergency conditions may require additional precautions.

- Protective Equipment:** Observe good workplace practices and avoid contact with skin and eyes. Wear overalls, SCBA safety glasses and chemical resistant safety gloves when handling. Wear eye / face protection. In case of inadequate ventilation wear respiratory protection.
- Hygiene Precautions:** Do not eat, drink or smoke when using this product.
- Engineering Controls:** If risk of overexposure exists, wear SCBA and appropriate protective clothing.
Correct fit is essential to obtain adequate protection.
Provide adequate ventilation in warehouse or closed storage areas.

Section 9 – Physical and Chemical Properties

- Appearance:** Clear amber liquid
- Odour:** Specific odour
- Specific Gravity:** 1.1-1.3
- pH:** N/A
- Vapour Pressure:** N/A
- Flash Point:** N/A

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Section 10 – Stability and Reactivity

Stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to Avoid:	Temperature extremes.
Materials to Avoid:	Strong oxidizing agents. Store only in the container supplied. Use the recommended delivery equipment.
Hazardous Decomposition Products:	None if stored and handled correctly.

Section 11 – Toxicological Information

Acute toxicity:	Oral: >1500 mg/kg
	Inhalation: >3,85 mg/cm ³
	Dermal: >2000 mg/kg

Section 12 - Ecological Information

Ecotoxicity effects:	Fish: LC ₅₀ /96h/ Rainbow Trout:0.36 mg/L
	Daphnia: LC50/48h 8.6mg/L

Section 13 – Disposal Considerations

Product and Container Disposal:	Triple rinse empty container and add rinsate to spray the tank. Triple rinsed containers containing the Agrecovery logo on the label and that are free of all residues (liquid or dry) and have an intact legible label may be taken to an Agrecovery collection site. Otherwise crush or puncture and bury in a suitably approved landfill. Do not burn empty containers. Discard rinse water on land already sprayed or on wasteland away from desirable plants and water sources.
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Section 14 – Transport Information

Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (contains Acetochlor 84%, Dichlormid 10-15%)
UN Number:	3082
DG Class:	9
Subsidiary Risk Class:	N/A
Packing Group:	III
HAZCHEM Code:	3Z

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Section 15 – Regulatory Information

EPA NZ Registration Code: HSR000404
See <http://www.epa.govt.nz> for approval conditions

NZFSA Approval Number: P008670
See www.foodsafety.govt.nz for registration conditions

Section 16 – Other Information

The information in this MSDS is provided in good faith, but no warranty, expressed or implied is made. Contact Donaghys Ltd for more information.

EMERGENCY CONTACT No.: 0800 764 766 (National Poisons Information Centre)

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