






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

HSNO Classes: 6.1D, 6.1E, 6.3A, 6.4A, 6.5B, 6.9B, 9.1A, 9.1B, 9.2A, 9.3C

GHS Hazard 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

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
H410 - Very toxic to aquatic life with long lasting effects
H411 - Toxic to aquatic life with long lasting effects
H421 - Very toxic to the soil environment
H433 - Harmful to terrestrial vertebrates

Precaution 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

Signal Word: WARNING

EPA NZ Approval Code: HSR000404

IN CASE OF EMERGENCY PHONE
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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: Wash with plenty of soap and water. Wash contaminated clothing before re-use. 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)

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, CO₂ and sand

Special Fire Fighting Methods: Do not allow water to enter drains.

Section 6 – Accidental Release Measures

Spills and Disposal:

MAJOR SPILLS:

Slippery when spilt. Wear appropriate protective clothing.

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.

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Spills and Disposal:
(Continued)

MINOR SPILLS:

- Slippery when spilt. Wear appropriate protective clothing.
- 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.

DISPOSAL:

- 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.

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.

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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

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/cm³
Dermal: >2000 mg/kg

Section 12 - Ecological Information

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

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Section 13 – Disposal Considerations

Product Disposal: If possible, dispose of by using according to the label, otherwise dispose of in an approved landfill or bury below 50 cm in a disposal pit specifically marked and set up for this purpose clear of waterways

Container Disposal: Triple rinse container and add residue to feed system. If circumstances, especially wind direction, permit the empty containers may be burned, otherwise crush and bury in a suitable landfill.

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

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)