

**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:

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| 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 |
| | Hazardous to soil organisms |
| | Hazardous to terrestrial vertebrates |

Prevention Statements:

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| P103 | Read label before use |
| P260 | Do not breathe 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 |

IN CASE OF EMERGENCY PHONE

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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

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| 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

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| 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

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| 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**

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| 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

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

Section 12 - Ecological Information

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

Section 13 – Disposal Considerations

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| 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

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| 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.

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