



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
Recommended Use Selective herbicide

Section 2 – Hazard Identification

Classified as hazardous according to criteria in the Hazardous Substances Regulations 2001

EPA NZ Approval Code HSR000404

Hazard Classes



6.1D Acutely toxic- Oral, Inhalation
6.3A Irritating to the skin
6.4A Irritating to the eyes
6.5B Contact sensitizer



6.1E Acutely toxic- Dermal
6.9B Target organ systemic toxicant



9.1A Aquatic ecotoxicant
9.2A Soil ecotoxicant
9.3C Vertebrate ecotoxicant

Hazard Statements

H302 Harmful if swallowed
H313 May be harmful in contact with skin
H332 Harmful if inhaled
H315 Causes skin irritation
H317 May cause allergic skin reaction
H319 Causes serious eye irritation
H371 May cause damage to organs
H373 May cause damage to organs through prolonged or repeated exposure
H400/H410 Very toxic to aquatic life with long lasting effects
H421 Very toxic to the soil environment
H433 Harmful to terrestrial vertebrates

Prevention Statements (For more information refer to Section 7)

P102 Keep out of reach of children
P103 Read label before use
P260 Do not breathe fume/ 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
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection

Response Statements (For more information refer to Section 7)

P101 If medical advice is needed, have product container or label at hand
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell
P330 Rinse mouth

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P301+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
P321	For specific information refer to Section 4
P332+P313	If skin irritation occurs: Get medical advice/ attention
P362	Take off contaminated clothing and wash before reuse
P305+P351+P338	IF IN EYES: Wash 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
P333+P313	If skin irritation or rash occurs: Get medical advice/ attention
P363	Wash contaminated clothing before reuse
P309+P311	If exposed or feel unwell: Call a POISON CENTER or doctor/ physician
P391	Collect spillage

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. Do not induce vomiting. Immediately call a POISON CENTRE or doctor/physician.
If in eyes	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so, continue rinsing. Immediately call a POISON CENTRE or doctor / physician.
If on skin	Wash with plenty of soap and water. Wash contaminated clothing before re-use. If irritation persists call a POISON CENTRE or doctor/physician.
If inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTRE or doctor / physician.
Advice to Doctor	Treat symptomatically. No known specific antidote.

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.

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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.

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 and Prevention

Avoid entry into waterways or streams. Prevent washings from entering waterways.

Level 1 emergency management plans need to be in place for quantities between 0.1 and 1000kg.

Level 2 emergency management plans need to be in place for all workplaces.

Level 3 emergency management plans need to be in place for quantities above 1000kg.

See Hazardous Substances (Emergency Management) Regulations 2001



Section 7– Handling and Storage

Storage	<p>Keep out of reach of children. Protect from direct heat and sunlight. Check all containers are clearly labelled and free from leaks.</p> <p>STORAGE INCOMPATIBILITY Store away from oxidizing agents.</p> <p>STORAGE REQUIREMENTS</p> <ol style="list-style-type: none">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	<p>Do not handle until all safety instructions have been read and understood.</p> <p>Wear eye protection.</p> <p>Avoid contact with skin and eyes.</p> <p>Avoid release to the environment.</p>
Approved handler	<p>This substance must be under the personal control of an approved handler when is applied in a wide dispersive manner or used by a commercial contractor.</p>
Tracking Record keeping	<p>Do not apply</p> <p>Record of use as described in NZS 8409 Management of Agrichemicals must be kept where more than 3kg of this product is used within 24 hours in a place where pesticide is likely to enter air or water and leave the application area.</p>

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	<p>Observe good work place 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.</p>
Hygiene Precautions	<p>Do not eat, drink or smoke when using this product.</p>
Engineering Controls	<p>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.</p>

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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 Product	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 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

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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 P8670
See www.foodsafety.govt.nz for registration conditions

Section 16 – Other Information

The information in this SDS is provided in good faith, but no warranty, expressed or implied is made. For more information please contact Donaghys Ltd.

DONAGHYS NZ : 0800 942 006
DONAGHYS AUSTRALIA : 1800 644 404
POLICE, AMBULANCE & FIRE SERVICE : 111
NATION POISON INFORMATION CENTRE : 0800 POSION (0800 764 766)
HAZARDOUS SUBSTANCES EMERGENCY : 0800 CHEMCALL (0800 243 622)

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