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

Product Name	Donaghys Cover
Company	Donaghys Ltd.
Address	16 Sheffield Crescent PO Box 20 449 Christchurch
Telephone Number	NZ 0800 942 006 AUS 1800 644 404
Recommended Use	Surfactant for enhance herbicide penetration
Emergency Contact	0800 764 766 (National Poisons Centre)

Section 2 – Hazard Identification

Classified as hazardous according to criteria in the Hazardous Substances (minimum degrees of hazards) Regulations 2001

EPA NZ Approval Code HSR003178

HSNO Classification



9.1A Ecotoxic to the aquatic environment

Hazard Statements

H410 Very toxic to aquatic life with long lasting effects

Prevention Statements (for more information see section 7)

P103 Read Label before use

P273 Avoid release to the environment

Response Statements (for more information see section 4)

P391 Collect spillage

Section 3 – Composition Information

Chemical	CAS No.	Content
Fatty alcohol alkoxyate	103818-93-5	>95 %

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Section 4 – First Aid Measures

General	Never give anything by mouth to an unconscious person. Keep label or packaging available for emergency personal. Show this SDS to emergency personal if requested. Never give mouth to mouth to a poisoning victim – use a pocket mask to protect yourself.
If Swallowed	DO NOT induce vomiting. Contact the national POISON CENTRE or medical practitioner immediately. If unresponsive, call 111 and request and ambulance.
If in eyes	Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Contact the national POISON CENTRE or medical practitioner immediately.
If on skin	Wash with plenty of soap and water. Wash contaminated clothing before reuse. Contact a medical practitioner if symptoms persist.
If inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention. If person is not breathing, call 111 and request an ambulance.
Advice for medical personal	Treat according to symptoms.

Section 5 – Fire-fighting Measures

Flashpoint	>170 °C.
Combustion Products	May give off toxic nitrogen, carbon and silicon oxides as well as formaldehyde.
Flammability Limits	Non-flammable but may be ignited when exposed to open flame.
Protective Equipment	Self-contained breathing apparatus, protective gloves and clothing.
Extinguishing Media	Water fog, Foam, carbon dioxide, dry chemicals.
HazChem Code	3Z.
Special Fire Fighting Methods	Prevent run off entering waterways.

Section 6 – Accidental Release Measures

Small Spill (non-emergency personal)

Spills and Disposal	Absorb spill with an inert material such as sand, soil, sawdust and place in suitable labeled container. DO NOT wash down drain.
Protective Equipment	Wear protective nitrile rubber gloves, face/eye protection and appropriate half-mask respirator (see section 8).
Environmental Precautions	Avoid entry into waterways or streams. Prevent washings from entering waterways by damming or covering drain entrances, if safe to do so.

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Large Spill (emergency personal)

Spills and Disposal

Absorb spill with an inert material such as soil, sand, sawdust and place in suitable labeled container. DO NOT wash down drain.

Protective Equipment

Wear protective nitrile rubber gloves, face/eye protection and appropriate half-mask respirator (see section 8).

Environmental Precautions

Avoid entry into waterways or streams. Prevent washings from entering waterways by damming or covering drain entrances, if safe to do so.

Prevention

Level 1 emergency management plans need to be in place for quantities between 0.1 and 5 L

Level 2 emergency management plans need to be in place for all workplaces and or quantities between 5 L and 100 L

Level 3 emergency management plans need to be in place for quantities above 100 L

See Hazardous Substances (Emergency Management) Regulations 2001

Section 7- Handling and Storage

Storage

Store out of direct sunlight.

Keep out of reach of children.

Do not store near waterways.

Do not store where damage may occur.

Do not store where it may be accidentally used.

Store in original container with all labels intact and legible.

Store away from food, fertilisers, and seeds and in accordance with NZS 8409: Management of Agrichemicals.

Handling

Do not handle until all safety instructions have been read and understood.

Wear eye / face protection.

In case of inadequate ventilation wear respiratory protection.

Avoid unintended release to the environment.

Approved Handler

Do not apply

Tracking regulations

Do not apply

Record Keeping

Records of use as described in NZS 8409 Management of Agrichemicals must be kept where more than 3 kg 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.



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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.

Exposure Limits	<p>Workplace exposure - Not Available.</p> <p>Tolerable Exposure Limits (TEL): Not Available.</p> <p>Environmental Exposure Limits (EEL): Not available.</p> <p>Observe good work place practices and avoid contact with skin and eyes. To protect your skin and eyes, wear protective overalls, chemical resistant safety glasses and nitrile rubber gloves when handling. Wear eye / face protection. In case of inadequate ventilation, wear half mask filter respiration unit suitable for the conditions. Do not use in an irrespirable atmosphere.</p>
Protective Equipment	<p>Gloves Wear nitrile rubber gloves with a minimum layer thickness of 0.11 mm. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.</p> <p>Respiratory protection For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards.</p>
Hygiene Precautions	<p>Do not eat, drink or smoke when using this product. Be careful not to contaminate yourself when removing contaminated clothing. Wash hands, arms and face thoroughly before taking a break.</p>
Engineering Controls	<p>Handle in well ventilated area.</p>

Section 9 – Physical and Chemical Properties

Appearance	Transparent liquid.
Odour	Not available.
pH	5.0-7.0.
Vapour Pressure	Not available.
Vapour Density	Not available.
Boiling Point	Not available.
Freezing/Melting point	Not available.
Flash Point	96 °C.
Solubility	Not available.
Density	0.944-1.014 g mL ⁻¹
Dissociation Constant (pK_a)	Not available.

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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	Avoid direct sunlight; avoid generation of dust and excessive heat.
Materials to Avoid	Oxidizers.
Hazardous Decomposition Products	May give off toxic nitrogen and carbon oxides in a fire.

Section 11 – Toxicological Information

Oral LD₅₀	No adverse effect, but ingestion may lead to nausea, vomiting and general un-well feeling associated with diarrhea.
Inhalation LC₅₀	No data available.
Dermal	No data available.
Ocular	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
Genotoxicity	No data available.
Neurotoxicity	No data available.

Section 12 - Ecological Information

EPA Classification	9.1A.
Aquatic toxicity	Very toxic to aquatic species with long lasting effects. No toxicity data is available.
Vertebrate toxicity	No data available.
Invertebrate toxicity	No data available.
Soil toxicity	No data available.
Bioaccumulation	Donaghys Cover is not expected to easily undergo biodegradation. However, there are no reports on accumulation in organisms.
Atmospheric toxicity	No data available.
General	Do not allow uncontrolled release into the environment. Do not use where bees are foraging.

Section 13 – Disposal Considerations

Product Disposal	When empty, triple rinse container and add residues to spray tank. Dispose of empty container at an approved landfill or other approved facility. Avoid contamination of any water supply with product or empty container. Do not re-use container.
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Section 14 – Transport Information

Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Contains: Fatty Alcohol alkoxyate)
UN Number	N/A.
DG Class	9.
Packing Group	N/A.
HAZCHEM Code	3Z.

Section 15 – Regulatory Information

EPA NZ Registration Code	HSR003178.
ACVM Approval Number	Not applicable.
Approved handler	Not required.
Tracking requirements	Not required.

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)