

# Safety Data Sheet

## Fleeceguard®

Revised: 22/03/2017

### Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

<b>Product Name:</b>	<b>FLEECEGUARD®</b>
<b>Product Code:</b>	8143488 (5 litre) and 8143490 (20 litre)
<b>Recommended Use:</b>	A pour-on for prevention of flystrike and treatment of lice in sheep
<b>Company Identification:</b>	Ravensdown Limited
<b>Address:</b>	292 Main South Road, Hornby PO Box 1049 Christchurch
<b>Customer Centre:</b>	0800 100 123
<b>National Poisons Information Centre:</b>	0800 POISON (0800 764 766)
<b>Emergency Telephone Number:</b>	0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)
<b>Transport Emergency Phone:</b>	111 - tell operator what service is needed: Fire, Ambulance, Police

### Section 2: HAZARD IDENTIFICATION

<b>Hazard Classifications:</b>	6.1E, 6.3B, 6.4A, 6.5B, 6.9B, 9.1A, 9.2C, 9.3C, 9.4A
<b>Priority Identifiers:</b>	WARNING KEEP OUT OF REACH OF CHILDREN
<b>Secondary Identifiers:</b>	6.1E = May be harmful if swallowed, inhaled or absorbed through the skin 6.3B = Skin irritant 6.4A = Eye irritant 6.5B = Contact sensitiser 6.9B = Harmful to human target organs or systems 9.1A = Very toxic to aquatic organisms 9.2C = Harmful to soil environment 9.3C = Harmful to terrestrial vertebrates 9.4A = Very toxic to terrestrial invertebrates

### Section 3: COMPOSITION INFORMATION

INGREDIENT	CAS No.	CONTENT
Diflubenzuron	35367-38-5	2%
Deltamethrin	52918-63-5	1%
Formalin	50-00-0	<1%
Water, dispersing, wetting and stabilising agents	Confidential	Up to 100%

#### Section 4: FIRST AID MEASURES

<b>First Aid Measures:</b>	Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.
<b>Inhalation:</b>	Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
<b>Ingestion:</b>	Never give anything by mouth to an unconscious person. If swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764 766). Seek medical assistance immediately.
<b>Skin:</b>	Remove contaminated clothing and wash affected area thoroughly with soap and water. If a large area is affected seek medical assistance.
<b>Eye:</b>	Flush with plenty of water for 15 minutes holding eyelids open if necessary. Call a doctor immediately.
<b>Advice to Doctor:</b>	No specific antidote. Treat symptomatically. If vomiting is induced, suggest endotracheal and/or oesophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach.

#### Section 5: FIRE FIGHTING MEASURES

<b>Flammability:</b>	Not flammable
<b>Flash Point:</b>	> 110°C
<b>Hazardous Combustion Products:</b>	Oxides of nitrogen, carbon monoxide and carbon dioxide.
<b>Extinguishing Media:</b>	Fog, foam, dry chemical, carbon dioxide, water.
<b>Protective Equipment:</b>	Full protective equipment and self-contained breathing apparatus.
<b>HAZCHEM Code:</b>	3Z
<b>Location Certificate:</b>	Not applicable
<b>Hazardous Atmosphere Zone:</b>	Not applicable
<b>Fire Extinguishers:</b>	Not applicable

#### Section 6: ACCIDENTAL RELEASE MEASURES

<b>Spills and Disposal:</b>	Wear appropriate protective clothing. Exclude non-essential people from the area. Contain spill and absorb with inert material such as soil, sand or absorbent granules and place in a sealable waste container. Dispose of waste safely in an approved landfill.
<b>Protective Clothing:</b>	For appropriate personal protective equipment see section 8.
<b>Environmental Precaution:</b>	Prevent from entering drains, waterways or sewers. If spill does enter waterways contact the local authority.

## Section 7: HANDLING AND STORAGE

<b>Handling:</b>	<p>Keep out of reach of children.</p> <p><b>Avoid contact with skin, eyes and inhalation of vapours. Personal Protective Equipment includes: face shield, clothes buttoned to the wrist and neck, elbow length PVC gloves and respiratory protection.</b></p> <p><b>Use only in a well-ventilated area. If there is a breeze or any wind, stand up-wind of the applicator. Only use a Ravensdown-approved applicator gun and nozzle to minimise the chances of vapourisation.</b></p> <p><b>Approved Handler:</b> Not required <b>Tracking:</b> Not required <b>Record Keeping:</b> Not required</p>
<b>Storage:</b>	<p>Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, fertiliser and seed. Store in accordance with NZS 8409; Management of Agrichemicals. This product is subject to signage and secondary containment when stored in quantities of 100 litres or more, either alone or in aggregate with substances of the same hazard classification. Storage of more than 100 litres requires emergency response plans. For full details refer to NZS 8409; Management of Agrichemicals and HSNO Regulations (Emergency Management and Identification Regulations).</p>
<b>Other Information:</b>	<p>Always read the label before use. See label for further information on handling and storage.</p>

## Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Exposure Limits:</b>	<p>No exposure limits have been assigned for this product.</p>
<b>Protective Equipment:</b>	<p>When contact with product is likely, wear protective gloves.</p>
<b>Engineering Controls:</b>	<p>Handle in well-ventilated area. Avoid inhalation of vapours.</p>
<b>Hygiene Precautions:</b>	<p>Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face before meals and after work. Wash protective clothing daily after work. Contaminated clothing should not be allowed out of the workplace.</p>

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	<p>White to off-white liquid with a mild odour</p>
<b>Specific Gravity:</b>	<p>0.95 - 1.05</p>
<b>Solubility in Water:</b>	<p>Disperses in water</p>
<b>pH:</b>	<p>6.5 - 7.0</p>
<b>Flash Point:</b>	<p>&gt; 110°C (non-flammable)</p>
<b>Vapour Pressure:</b>	<p>Low</p>
<b>Viscosity:</b>	<p>1400-2500 Mpa.s</p>
<b>Boiling Point:</b>	<p>99°C</p>

## Section 10: STABILITY AND REACTIVITY

<b>Stability:</b>	When stored appropriately this product should show no significant degradation for at least 3 years from the date of manufacture.
<b>Hazardous Polymerisation:</b>	Not known to occur
<b>Decomposition Products:</b>	Oxides of nitrogen, carbon monoxide and carbon dioxide
<b>Conditions to Avoid:</b>	Excessive heat
<b>Materials to Avoid:</b>	None

## Section 11: TOXICOLOGICAL INFORMATION

<b>Hazard Classifications:</b>	6.1E, 6.3B, 6.4A, 6.5B, 6.9B
<b>Ingestion:</b>	<b>Deltamethrin: Acute Toxicity (Oral):</b> LD50 (rat) >128 mg/kg <b>Diflubenzuron: Acute Toxicity (Oral):</b> LD50 (rat) >4,640 mg/kg
<b>Inhalation:</b>	No known significant effects or critical hazards
<b>Skin:</b>	Slightly irritating
<b>Eye:</b>	Slightly irritating
<b>Chronic Effects:</b>	May cause damage to nervous system, blood and haematopoietic systems
<b>Reproductive Toxicity:</b>	Not harmful
<b>Mutagenicity:</b>	Not mutagenic
<b>Carcinogenicity:</b>	Not considered to be carcinogenic

## Section 12: ECOLOGICAL INFORMATION

<b>Hazard Classifications:</b>	9.1A, 9.2C, 9.3C, 9.4A
<b>Ecotoxicity:</b>	Very toxic to aquatic organisms and terrestrial invertebrates Harmful to soil environment and terrestrial vertebrates
<b>Bioaccumulation:</b>	Bioaccumulation unlikely to occur

## Section 13: DISPOSAL INFORMATION

<b>Product Disposal:</b>	Dispose of product only by using according to label or at an approved landfill. Recycle where possible.
<b>Container Disposal:</b>	Triple rinse container. Triple rinsed containers containing the Agrecovery logo on the label, and that are free of all residues and have an intact legible label, may be taken to an Agrecovery collection site for disposal. Burn in an appropriate incinerator if circumstance, such as wind direction permit. Otherwise crush and bury in an approved landfill or recycle through an alternative approved recycling scheme. Do not burn container or use container for any other purpose.

## Section 14: TRANSPORT INFORMATION

**Transport Information:** It is good practice to separate this product from food, food related materials, animal feedstuffs, seed or fertilisers during transport.

### RAIL/ROAD; SEA (IMDG Code); AIR (ICAO/IATA)

<b>UN Number:</b>	3082
<b>Proper Shipping Name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (diflubenzuron and deltamethrin)
<b>DG Class:</b>	9
<b>Subsidiary Class:</b>	None
<b>Packing Group:</b>	III
<b>Marine Pollutant:</b>	Yes
<b>MTQ (non-commercial):</b>	1,000 litres
<b>HAZCHEM Code:</b>	3Z
<b>IERG Number:</b>	47

**Other information:** Check the latest versions of the Land Transport Dangerous Goods Rule 45001 and associated Transport of Dangerous Goods on Land (NZS 5433) for additional information on maximum allowable transport quantities (MTQ's), placarding and segregation. Sea transport may require further segregation.

## Section 15: REGULATORY INFORMATION

**ACVM:** Registered pursuant to the ACVM Act 1997, A10577  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

**EPA:** Approved pursuant to the HSNO Act 1996, Approval number: HSR100505  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls.

## Section 16: OTHER INFORMATION

This Safety Data Sheet was updated on the date shown on page 1 and supersedes all previous versions.

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.