



SDS NO: Flumetsulam

Revision date: 08.08.2024

Version No: 2.1


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

**Product Name:** Donaghys Flumetsulam 800  
**Company:** Donaghys Ltd.  
**Address:** 16 Sheffield Crescent  
PO Box 20 449  
Christchurch  
**Telephone Number:** 0800 942 006  
**Manufacturer Product Code:** AGFLXXXX  
**Recommended Use:** A herbicide for post emergent management of broadleaf weeds in clover, lucerne, chicory, new and mature pasture and maize.

**Section 2 – Hazard Identification**

**Hazard Classes:** Hazardous to the aquatic environment acute Category 1  
Hazardous to the aquatic environment chronic Category 1  
Hazardous to soil organisms



**Hazard Statements:** Very toxic to aquatic life.  
Very toxic to the soil environment.  
**Prevention Statements:** Read label before use.  
Avoid release to the environment.  
**Signal Word** Danger  
**EPA NZ Approval Code:** HSR000458

**Section 3 – Composition Information**

Chemical Entity	CAS No.	Composition
Flumetsulam	98967-40-9	80%

**Section 4 – First Aid Measures****If medical advice is needed, have product container or label at hand.**

**General:** Keep label or packaging available for emergency personal.  
Show this SDS to emergency personal if requested.

**If swallowed:** If swallowed, do NOT induce vomiting.  
For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

**If on skin:** If splashed in eyes, wash out immediately with water for at least 15 minutes. If irritation persists, get medical advice.

**If in eyes:** If skin contact occurs, remove contaminated clothing and flush skin with running water. If irritation occurs, seek medical advice.

**If inhaled:** If inhaled, move the victim to fresh air immediately. Never give anything by mouth to an unconscious person.

**National Poisons Centre 24 hours phone: 0800 POISON (0800 764 766)****IN CASE OF EMERGENCY PHONE****National Poisons Centre 03-474-4700 or 0800 POISON (0800-764-766)**



Section 5 – Fire-fighting Measures	
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Flashpoint	N/A.
Flammability Limits	Not determined.
Protective Equipment	Self-contained breathing apparatus, protective gloves and clothing.
Extinguishing Media	Dry chemical, water spray (fog), foam or carbon dioxide.
HazChem Code	2X.
Thermal decomposition products	Includes oxides of carbon and nitrogen.
Special Fire Fighting Methods	Addition of water may cause excessive foaming. Vapours may be toxic. Self contained breathing apparatus required. Prevent run off entering waterways.

Section 6 – Accidental Release Measures	
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Spills and Disposal	<p>Exclude all bystanders from the vicinity of the spill and prevent entering waterways.</p> <p>Do not touch or walk through spilled material. Wear the protective equipment recommended in section 8. Stop any leaks or spills when safe to do so.</p> <p>Dam area and prevent entry into drains, streams, watercourses etc. Collect spilled product and place in properly labeled, sealable containers for disposal.</p> <p>Deal with any spillage immediately. Contamination of drain, streams or watercourses etc is unavoidable If unavoidable warn the local water authority.</p>
Protective Equipment	Wear protective nitrile rubber gloves, face/eye protection and an 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.

Section 7– Storage & Handling	
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Storage	<p>Do not mix or store in galvanized or unlined steel.</p> <p>Store in original packaging tightly closed and in a locked, dry, well ventilated area away from foodstuffs.</p> <p>When stored according to recommendations this product should not show signs of degradation for at least two years from the date of manufacture.</p> <p>Keep out of reach of children.</p> <p>Do not store near waterways. Do not store where damage may occur.</p>
Handling	<p>Do not handle until all safety instructions have been read and understood.</p> <p>Wear eye / face protection.</p> <p>In case of inadequate ventilation wear respiratory protection.</p> <p>Contaminated work clothing should not be allowed out of the workplace. Avoid unintended release to the environment.</p>



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<b>Approved Handler</b>	This product must be under the control of an approved handler at all times. For more information see Regulations 4-6 Hazardous substances (Personnel Qualifications) Regulations 2001.
<b>Tracking regulations</b>	N/A.
<b>Storage</b>	Do not mix or store in galvanized or unlined steel. Store in original packaging tightly closed and in a locked, dry, well ventilated area away from foodstuffs. When stored according to recommendations this product should not show signs of degradation for at least two years from the date of manufacture. Keep out of reach of children. Do not store near waterways. Do not store where damage may occur.

## 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. Observe good workplace practices and avoid contact with skin and eyes. Read the label before using. This substance may be harmful if swallowed inhaled or absorbed through the skin. May cause respiratory sensitisation if inhaled. May cause eye irritation. Avoid contact with eyes.

<b>Protective Equipment</b>	Avoid contact with skin and eyes and inhalation of spray mist. When applying or mixing wear eye protection, water proof gloves, chemical resistant boots made of material such as rubber, nitrile, polyvinyl chloride and cotton overalls buttoned to the neck and wrist.
<b>Gloves</b>	Wear nitrile rubber gloves with a minimum layer thickness of 0.11 mm. Break through time: 480 min 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.
<b>Respiratory protection</b>	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.
<b>Hygiene Precaution</b>	Do not eat, drink or smoke when using this product. Be careful not to contaminate yourself when removing contaminated clothing.
<b>Engineering Controls</b>	Handle in well ventilated area. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits. Avoid inhalation.

**IN CASE OF EMERGENCY PHONE**  
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## Section 9 – Physical and Chemical Properties

<b>Form</b>	Granules.
<b>Appearance - colour</b>	White.
<b>Odour</b>	N/A.
<b>pH</b>	4 – 9.
<b>Flash point °C</b>	N/A.
<b>Boiling point</b>	N/A.
<b>Melting point</b>	N/A.
<b>Flammability limits</b>	N/A.
<b>Oxidising properties</b>	N/A.

## Section 10 – Stability and Reactivity

<b>Stability</b>	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>Hazardous Decomposition Products</b>	Noxious fumes under fire conditions – hydrogen, chloride and others.
<b>Dangerous Reactions</b>	Avoid Acid, base, oxidizing materials.

## Section 11 – Toxicological Information

### Acute Toxicity (Active ingredient)

<b>Acute Oral</b>	LD <sub>50</sub> (rats) :	>5000 mg/kg
<b>Acute Dermal</b>	LD <sub>50</sub> (rabbit) :	>2000mg/kg
<b>Acute inhalation</b>	LC <sub>50</sub> (rats) (4hrs) :	> 1.2 mg/kg

## Section 12 – Ecological Information

<b>EPA Classification</b>	Hazardous to the aquatic environment acute Category 1 Hazardous to the aquatic environment chronic Category 1 Hazardous to soil organisms
<b>Soil toxicity</b>	Unknown.
<b>Aquatic toxicity</b>	LC <sub>50</sub> (96hr) for silverside minnow is >379 mg/l.
<b>Terrestrial vertebrates - Birds</b>	LD <sub>50</sub> for bobwhite quail is 2,250 mg/kg.
<b>Terrestrial vertebrates - Bees</b>	Unknown.

## Section 13 – Disposal Considerations

<b>Product Disposal</b>	Dispose packaging according to the label or at an approved landfill or other approved facility.
<b>Packaging Disposal</b>	Triple rinse containers containing the Agrecovery logo on the label and check that the container is 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 landfill. Do not burn empty containers. Discard rinse water on land already sprayed or on wasteland away from desirable plants and water sources. DO NOT reuse packaging.

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**Section 14 – Transport Information**

<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S (Contains Flumetsulam).
<b>UN Number</b>	3077.
<b>DG Class:</b>	9.
<b>Subsidiary Risk Class</b>	N/A.
<b>Packing Group</b>	III.
<b>HAZCHEM Code</b>	2X.
<b>Transport pictogram</b>	
<b>Additional information</b>	Marine pollutant

**Section 15 – Regulatory Information**

<b>EPA NZ Registration Code:</b>	HSR000458
<b>ACVM Approval Number</b>	P8589.
<b>Approved handler</b>	Required.
<b>Tracking requirements</b>	This product should only be sold to an approved handler. Records of use must be kept under certain circumstances – see the NZ standards for Management of Agrichemicals (NZS8409) for details.
<b>Record keeping</b>	

**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.

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

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