



Date 20/09/2007

## Donaghys Sprayoff Mate

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### 1. PRODUCT AND COMPANY IDENTIFICATION

Product: Donaghys Sprayoff Mate  
Company: Donaghys Industries Ltd  
Address: 2 Nazareth Ave, PO Box 20 449, Christchurch  
Telephone Number: 0800 942 006  
Emergency Telephone Number (24/7): National Poisons Centre 0800 POISON (764 766)  
Chemical family: Sulfonyl urea  
Manufacturer's Product Code:  
Use: Selective herbicide for the control of broadleaf weeds in wheat, barley and oats. Used as an additive to Donaghys Sprayoff range to improve activity on a range of broadleaf weeds and clovers.

### 2. HAZARDS IDENTIFICATION

Hazard classes: 6.3B – Causes Mild Skin Irritation  
6.4A – Causes Eye Irritation  
6.5B – May Cause an Allergic Skin Reaction  
9.1A – Very Toxic to Aquatic Life  
9.2A – Very Toxic to the Soil Environment  
ERMA NZ approval code: HSR002474

### 3. COMPOSITION

<u>Chemical Entity</u>	<u>CAS #</u>	<u>Proportion</u>
Tribenuron-methyl	101200-48-0	75% w/w
Other non-hazardous ingredients		Balance

### 4. FIRST AID INFORMATION

Ingestion: Drink plenty of water to dilute if possible. Do NOT induce vomiting unless advised to by doctor or poison control centre. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately.

Eye contact: Immediately flush with water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists get medical advice or attention.

Skin contact: Remove contaminated clothing immediately and wash skin with plenty of soap and water for at least 15 minutes. Wash clothing before reuse. Seek medical advice/attention if irritation or rash occurs.

Inhalation: Remove victim to fresh air. If ill effects persist, contact doctor or poison centre for advice. If not breathing, call emergency services and then give artificial respiration using rescuer protection (pocket mask etc).

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## 5. FIRE FIGHTING MEASURES

Flammable Properties:	Non-flammable, however may be ignited by heat or open flames. Keep away from heat and ignition sources.
Flammable/Explosive limits:	Lower explosion limit (LEL) in air 0.173g/L.
Extinguishing media:	Dry chemical, water spray/fog, foam or carbon dioxide.
Thermal decomposition products:	Include 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. Do not allow runoff to enter drains. If areas is heavily exposed to fire and if conditions permit, allow fire to burn itself out as may increase the contaminated area.
Hazchem Code:	2X

## 6. ACCIDENTAL RELEASE MEASURES

Solid Spills:	Using appropriate protective clothing and equipment sweep up solid spills, avoiding generating dust. DO NOT flush with water.
Liquid Spills:	Immediately absorb small liquid spills with material such as sand, sawdust or clay and sweep to a waste container. Dike area in case of large spills and pump as much liquid as possible to a salvage container. Dispose of waste safely in an approved landfill. Prevent spill entering waterways, sewers, drains or streams, if spill enters waterway contact local authority.

## 7. HANDLING AND STORAGE

Storage:	Keep out of reach of children. Store in original container with lid tightly closed in a cool, dry, well ventilated area out of direct sunlight. Store away from food, fertilizers and seeds and in accordance with NZS 8409: Management of Agrichemicals.
Handling:	Read Label before use. Wash protective clothing daily after using product. Contaminated work clothing should not be allowed out of the workplace. Wash hands, arms and face thoroughly after handling. Avoid contact with skin and eyes and inhalation of dust and spray mist. Avoid generating dust while handling or mixing product. Must be under the control of an Approved Handler. Collect Spillage. Avoid unintended release to the environment. Donaghys Sprayoff Mate must not be applied directly onto or into water.
Tracking:	Not required

This product is subject to a requirement for an emergency management plan, secondary containment and signage whenever held in quantities of more than 100 kg. See NZS 8409: Management of Agrichemicals and HSNO Regulations (Emergency Management and Identification Regulations) for more information.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits:	None established.
Engineering Controls:	Use only with adequate ventilation.
Eye Protection:	Use chemical splash goggles where eye contact is likely.
Respiratory Protection:	Use respiratory equipment where there is risk of exposure or in a poorly ventilated environment.
Protective Clothing:	Where contact is likely, wear waterproof gloves, cotton overalls closed at neck and wrist and chemical resistant footwear.
Hygiene Precautions:	Do not eat, drink or smoke whilst working with this product. Wash hands, arms and face thoroughly with soap and water before breaks and after work. Wash protective clothing after each use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Straw yellow solid granule
Odour:	Pungent
Vapour Pressure:	Not available
pH:	6 – 8
Specific Gravity:	Not available
Melting Point:	140 - 144°C (tribenuron-methyl active)
Flash Point:	Not applicable
Explosive Properties:	Not applicable
Decomposition Temperature:	145 - 185°C (tribenuron-methyl active)
Solubility in Water:	Disperses in water

## 10. STABILITY AND REACTIVITY

Conditions to avoid:	Stable under normal conditions.
Materials to avoid:	None.
Hazardous decomposition products:	None
Other information:	Keep away from strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

Acute Oral:	LD50 (rat) >5000mg/kg.
Acute Dermal:	Causes eye irritation, reversible within 7 days Causes mild skin irritation. LD50 (rabbit) >2,000mg/kg.
Acute Inhalation:	Dust may irritate throat LC50 (rat) >4.98mg/L air/4 hours.
Other Information:	Avoid skin and eye contact.

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### 12. ECOLOGICAL INFORMATION

Aquatic Toxicity:	LC50 (rainbow trout) >1000mg/L
Soil Toxicity:	LC50 (worms) >2000mg/kg soil
Terrestrial Vertebrates – Birds:	Not toxic to birds
Terrestrial Invertebrates - Bees:	Not toxic to bees

### 13. DISPOSAL INFORMATION

Triple rinse product container and add rinsate to spray tank. Burn container if conditions, particularly wind direction permit. Otherwise bury in an approved landfill. Do not use container for any other purpose. Avoid contamination of waterways with chemical or empty container. Disposal must be in accordance with local regulations.

### 14. TRANSPORT INFORMATION

Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S (tribenuron-methyl)
DG Class	9
UN Number	3077
Hazchem	2X
Packing Group	III
Trade Name	Donaghys Sprayoff Mate

### 15. REGULATORY INFORMATION

HSNO Approval code:	HSR002474 See <a href="http://www.erna.govt.nz">www.erna.govt.nz</a> for approval controls.
ACVM Registration Number:	P7683 See <a href="http://www.nzfsa.govt.nz/acvm">www.nzfsa.govt.nz/acvm</a> for registration conditions.

### 16. OTHER INFORMATION

The information contained herein is given in good faith. No warranty, expressed or implied is made. Any use of this information must be determined by the user to be in accordance with applicable Government laws and regulations. The information contained in this form is confidential and is submitted for your organisations internal use.

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