



1. PRODUCT AND COMPANY IDENTIFICATION

Product: Donaghys Brushweed Kill Met600
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: Herbicide for the control of gorse, broom, blackberry and other scrub and broadleaf weeds in pasture, forestry and non-cropland areas.

2. HAZARDS IDENTIFICATION

Hazard classes: 6.3B –Causes Mild Skin Irritation
6.4A –Causes Eye Irritation
9.1A – Very Toxic to Aquatic Life
9.2A – Very Toxic to the Soil Environment
ERMA NZ approval code: HSR000242

3. COMPOSITION

<u>Chemical Entity</u>	<u>CAS #</u>	<u>Proportion</u>
Metsulfuron methyl	74223-64-6	60% 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.

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

IN CASE OF EMERGENCY PHONE

National Poisons Centre 03-474-4700 or 0800 POISON (0800-764-766)

Ver: 0610



Date 20/09/2007

Donaghys Brushweed Kill Met600

Page 2 of 4

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).

5. FIRE FIGHTING MEASURES

Flashpoint: Non-flammable.
Flammable/Explosive limits: Lower explosion limit (LEL) in air 0.135g/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.

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, fertilisers and seeds and in accordance with NZS 8409: Management of Agrichemicals.
Handling: Read label before use. Wash protective clothing daily after using product. Wash hands, arms and face thoroughly after handling. Avoid contact with skin and eyes and inhalation of 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.
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.

IN CASE OF EMERGENCY PHONE

National Poisons Centre 03-474-4700 or 0800 POISON (0800-764-766)

Ver: 0610



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 before breaks and after work. Wash protective clothing after each use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off white solid granule
Vapour Pressure:	0.33 Pa (25°C, metsulfuron methyl)
Density:	1.47g/mL @20°C
Flash Point:	Not applicable
Explosive Properties:	Not applicable
Decomposition Temperature:	Not available
Solubility in Water:	Disperses in water
Volatile component:	Non volatile

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:	Causes eye irritation, reversible within 7 days LD50 (rat) 4320mg/kg.
Acute Dermal:	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.

IN CASE OF EMERGENCY PHONE

National Poisons Centre 03-474-4700 or 0800 POISON (0800-764-766)

Ver: 0610



Date 20/09/2007

Donaghys Brushweed Kill Met600

Page 4 of 4

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:	LC50 (rainbow trout) ?150mg/L
Soil Toxicity:	LC50 (worms) > 1000mg/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 (Metsulfuron-methyl)
DG Class	9
UN Number	3077
Hazchem	2Z
Packing Group	III
Trade Name	Donaghys Brushweed Kill Met600

15. REGULATORY INFORMATION

HSNO Approval code:	HSR000242 See www.erna.govt.nz for approval controls.
ACVM approval:	P7684 See www.nzfsa.govt.nz/acvm 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.

IN CASE OF EMERGENCY PHONE
National Poisons Centre 03-474-4700 or 0800 POISON (0800-764-766)

Ver: 0610