



1. PRODUCT AND COMPANY IDENTIFICATION

Product: Donaghys Brushweed Kill TRI 600
Company: Donaghys Industries Ltd
Address: 16 Sheffield Crescent, PO Box 20 449, Christchurch
Telephone Number: 0800 942 006
Emergency Telephone Number (24/7): National Poisons Centre 0800 POISON (764 766)
Chemical family:
Manufacturer's Product Code:
Use: For the control of gorse, broom, blackberry, lupin, sweet brier, tutus, fennel, old man's beard, barberry and other brushweeds.

2. HAZARDS IDENTIFICATION

Hazard classes: 6.1D – Acute toxicant
6.3B – Causes mild skin irritation
6.4A – Causes eye irritation
6.5B – Sensitiser
6.9B – Target organ toxicant
9.1A – Toxic to aquatic life
9.2A – Toxic to the soil environment
9.3C – Terrestrial vertebrate toxicant
ERMA NZ approval code: HSR000829

3. COMPOSITION

<u>Chemical Entity</u>	<u>CAS #</u>	<u>Proportion</u>
Triclopyr	64700-56-7	60%

4. FIRST AID INFORMATION

Ingestion: Do NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately.

Eye contact: Flush eyes immediately with water for several minutes. Remove contact lenses after the initial 1 – 2 minutes and continue flushing for several minutes. Call a doctor or National Poison Centre 0800 764 766 for advice.

Skin contact: Remove contaminated clothing & footwear immediately and rinse skin with plenty of water. Wash clothing before reuse.

Inhalation: Remove patient to fresh air. Seek medical advice immediately if effects occur.

IN CASE OF EMERGENCY PHONE

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

Ver: 0111



5. FIRE FIGHTING MEASURES

Flashpoint:	95°C
Flammable/Explosive limits:	LFL: Not available UFL: Not available
Extinguishing media:	If material is involved in a fire use: water fog, foam or dry agent. If possible use foam blanket to contain product. Avoid using AFFF.
Thermal decomposition products:	If decomposition of the active ingredient occurs, formation of hazardous decomposition products may occur. Eruption of containers is likely if confined at high temperatures. Intact containers exposed to excessive heat should be cooled with water to reduce drum pressure.
Special fire fighting methods:	Breathing apparatus is required.

6. ACCIDENTAL RELEASE MEASURES

Liquid Spills:	Wear protective clothing. Keep non-involved persons away. Contain spill and absorb with sand, sawdust or zorbball. Dike area in case of large spills. Do not use water for clean up. Clean up spilled material immediately and wash clothes, equipment and work area after use. If spill does enter waterways contact the local authority. Dispose of waste safely in an approved landfill.
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7. HANDLING AND STORAGE

Storage:	Read label before use. 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 when not in use. This product can be stored in an unheated building. Store away from food, fertilisers, feedstuffs and seeds and in accordance with NZS 8409: Management of Agrichemicals. If quantities of 100L or more is held either alone or in aggregate with other hazardous substances then it is subject to a requirement for an emergency management plan, secondary containment and signage.
Handling:	Read label before use. Keep out of reach of children. Can cause skin irritation and sensitivity. Avoid contact with skin and clothing. Wash hands and face thoroughly before breaks and after work remove protective clothing and equipment, wash hands before eating, drinking, using the toilet or smoking.

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Date 1/14/2011

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Exposure Limits: None established.
- Engineering Controls: Atmospheric levels should be maintained below the recommended exposure guidelines. Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.
- Eye Protection: Use safety goggles where eye contact is likely.
- Respiratory Protection: When respiratory protection is required for certain operations use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: organic vapor cartridge.
- Protective Clothing: Where contact is likely, wear waterproof gloves, cotton overalls closed at neck and wrist and chemical resistant footwear.
- Hygiene Precautions: Wash hands and face thoroughly before breaks and after work remove protective clothing and equipment, wash hands before eating, drinking, using the toilet or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Brown liquid
- Density: 1.15 – 1.25
- Flash Point: 95 °C (solvent)
- Explosive Properties: N/A
- Decomposition Temperature: N/A
- Solubility in Water: Emulsifiable
- pH: (10% water emulsion) 6 - 7

10. STABILITY AND REACTIVITY

- Conditions to avoid: This product is unlikely to spontaneously decompose.
- Materials to avoid: Strong oxidising agents.
- Hazardous decomposition products: Carbon dioxide and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and under some circumstances, oxides of nitrogen. Oxides of sulfur. Hydrogen fluoride gas and fluorides. Water.

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11. TOXICOLOGICAL INFORMATION

Acute Oral:

Acute Dermal:

Prolonged and repeated contact may cause slight irritation. Prolonged skin contact is unlikely to result in absorption of harmful amounts but may cause allergic skin reactions in some individuals. ERMA has classified this substance as 6.3B and 6.5B

Acute Inhalation:

No adverse effects are anticipated from single exposure to vapor. Dust and mist may cause irritation to upper respiratory tract (nose & throat).

Ingestion:

The rat LD50 for a similar substance is > 2000 mg/kg. Small amounts swallowed as a result of normal handling operations are not likely to cause injury. But swallowing larger amounts may cause injury. Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage or even death due to chemical pneumonia. ERMA has classified this substance as 6.1D.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

Fish LC50 – 0.36 mg/L in the most sensitive species.

Acute toxicity Algae:

24 hours EC50 – 0.1 mg/L in the most sensitive species.

Acute Toxicity Other Organisms:

Bird LD50 – 735 mg/kg in the most sensitive species.

13. DISPOSAL INFORMATION

Triple rinse product container and add rinsate to spray tank. Burn container if conditions, particularly wind direction permit. Otherwise crush and 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.

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14. TRANSPORT INFORMATION

Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S (triclopyr 60%)
DG Class	9
UN Number	3082
Hazchem	2X
Packing Group	III
Trade Name	Donaghys Brushweed Kill TRI 600

15. REGULATORY INFORMATION

HSNO Approval code:	HSR000829 See www.erna.govt.nz for approval controls.
ACVM approval:	P7981 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.