



1. PRODUCT AND COMPANY IDENTIFICATION

Product: Donaghys Brushweed Kill TRIPIC
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 and other brushweeds. Also effective for release spraying in radiata pine and broadleaf weed control in turf.

2. HAZARDS IDENTIFICATION

Hazard classes: 3.1D - Flammable liquid
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: HSR000553

3. COMPOSITION

<u>Chemical Entity</u>	<u>CAS #</u>	<u>Proportion</u>
Triclopyr	64700-56-7	30%
Picloram	1918-02-1	10%

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: Hold eyelids apart and flush with running water for at least 15 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. If a large area is affected seek medical attention.

Inhalation: Remove patient to fresh air. If not breathing, ensure airway is clear and apply resuscitation. Seek medical advice immediately.

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5. FIRE FIGHTING MEASURES

Flashpoint:

Flammable/Explosive limits:

Extinguishing media:

Water fog, foam, carbon dioxide or dry chemical

Thermal decomposition products:

Special fire fighting methods:

Keep up wind. Do not allow washings to reach sewage or effluent systems.

6. ACCIDENTAL RELEASE MEASURES

Liquid Spills:

Wear protective clothing. Keep non-involved persons away. Eliminate all ignition sources and naked lights. Use no-sparking utensils. Contain spill and absorb with sand, soil or absorbent granules. If spill does enter waterways contact the local authority. Collect in an appropriate sealable container for disposal in an approved landfill. Wash area with water and detergent and absorb with further inert material. Dispose of waste safely in an approved landfill.

7. HANDLING AND STORAGE

Storage:

Keep out of reach of children.

Store in original container with lid tightly closed in a locked, cool, dry, area.

Store away from food, fertilisers and seeds and in accordance with NZS 8409: Management of Agrichemicals.

Do not store near heat or flame.

Do not store with Class 1,2,3,2,4 or 5 substances.

Stores containing 500L of this substance must have at least 2 fire extinguishers.

Stores containing 100L of TRIPIC require secondary containment and are subject to signage and more than 100L require emergency plans.

Handling:

Read Label before use.

Avoid contact with skin and eyes and inhalation of spray mist.

Records of use as described in NZA 8409 Management of Agrichemicals must be kept if 3L or more is applied within 24 hours.

Must be under the control of an Approved Handler.

Avoid unintended release to the environment. Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

Tracking:

Not required

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**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Exposure Limits:	None established.
Engineering Controls:	Use only with adequate ventilation, generally natural ventilation is adequate.
Eye Protection:	Use safety 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 and face thoroughly before breaks and after work. Wash splashes of concentrate from skin immediately. Wash protective clothing after each use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown liquid
Density:	1.1 – 1.3
Flash Point:	96 °C
Explosive Properties:	N/A
Decomposition Temperature:	N/A
Solubility in Water:	Disperses
pH:	4 – 7.5

10. STABILITY AND REACTIVITY

Conditions to avoid:	When stored appropriately this product should show no significant degradation for 2 years from date of manufacture.
Materials to avoid:	
Hazardous decomposition products:	Hazardous polymerization will not occur.
Other information:	

11. TOXICOLOGICAL INFORMATION

Acute Oral:	LD50 803mg/kg for triclopyr butoxyethanol ester. LD50 1061mg/kg for picloram.
Acute Dermal:	May cause mild skin irritation or sensitisation from prolonged skin contact.
Acute Inhalation:	
Other Information:	May cause kidney or liver damage from repeated oral exposure at high doses.

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12. ECOLOGICAL INFORMATION

Aquatic Toxicity:	LC50 (96 hr) for bluegill sunfish is 0.36mg/l for triclopyr butoxyethanol ester.
Acute toxicity Algae:	EC50 (96h) for selenastrum capricornutum 36.8 mg/l for picloram.
Acute Toxicity Daphnia:	LC50 (48 hr) for daphnia magna is 1.7mg/l for triclopyr butoxyethanol ester. LC50 (48 hr) for daphnia magna is 50.7 mg/l for picloram.
Acute Toxicity Other Organisms:	LD50 (48h) honey bee = 14.5 pg/bee for picloram. LD50 for bobwhite quail is 735 mg/kg for triclopyr butoxyethanol ester.

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.

14. TRANSPORT INFORMATION

Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S (triclopyr 30%, picloram 10%)
DG Class	9
UN Number	3082
Hazchem	2X
Packing Group	III
Trade Name	Donaghys Brushweed Kill TRIPIC

15. REGULATORY INFORMATION

HSNO Approval code:	HSR000553 See www.erna.govt.nz for approval controls.
ACVM approval:	P7978 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.

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