

DANGER
KEEP OUT OF REACH OF CHILDREN



ADAMA

IOTRIL HERBICIDE

GROUP	C3	HERBICIDE
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For control of broadleaved weeds in garlic and onions as shown under directions for use

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active Ingredient:

Contains 240 g/L IOXYNIL present as the octanoate ester in the form of an emulsifiable concentrate, also contains 626 g/L xylene

ADAMA New Zealand Limited
Level 1, 93 Bolt Road
Tahunanui, Nelson 7011
PO Box 1799, Nelson 7040
New Zealand
Telephone 03 543 8275
www.adama.com

NET CONTENTS
1-20 L

REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.**HAZARD CLASSIFICATIONS: 3.1C, 6.1C, 6.3A, 6.4A, 6.5B, 6.8B, 6.9B, 9.1A, 9.3C****THIS PRODUCT IS RESTRICTED TO WORKPLACES ONLY.****PCBU RESPONSIBILITIES**

A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimise risks to the health and safety of workers when carrying out work using this substance.

QUALIFICATIONS REQUIRED FOR APPLICATION OF CLASS 9 SUBSTANCES

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified, or must receive guidance and, if required, assistance from a suitably qualified person. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

RECORD KEEPING

Where 3 kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter air or water and leave the application area, a PCBU with management or control of the substance must ensure that a written record is kept of each application of the substance. Refer to Part 4 Clause 48 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for details of information that must be recorded.

DANGER**Flammable liquid and vapour.****Toxic in contact with skin.****Harmful if swallowed.****Causes skin irritation.****Causes serious eye irritation.****May cause an allergic skin reaction.****Suspected of damaging fertility or the unborn child.****May cause damage to organs through prolonged or repeated exposure.****Very toxic to aquatic organisms.****Harmful to terrestrial vertebrates.****HANDLING PRECAUTIONS**

Keep out of reach of children.

Do not eat, drink or smoke while using.

Keep away from heat, sparks and open flames. No smoking.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not breathe spray mist or vapours.

Use personal protective equipment as required.

Wash exposed skin thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

EQUIPMENT

A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment.

STORAGE

Store locked up in the original, tightly closed container in a cool, dry, well-ventilated place, out of direct sunlight and away from stockfeed or foodstuffs and under lock and key. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. In case of fire use dry chemical, water spray, foam or carbon dioxide for extinction.

Store in accordance with NZS 8409 Management of Agrichemicals. Secondary containment and emergency response plans are required where 100 L or more of this product are stored. Refer to the product SDS for further information.

TRANSPORT

Do not carry packages greater than 1L of this product on passenger service vehicles.

SHELF LIFE

When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

PROTECTIVE CLOTHING

When mixing or applying wear appropriate protective clothing including impervious, elbow-length gloves and eye protection such as goggles or face shield. Remove protective clothing and wash hands and face before meals and after work. Contaminated work clothing should not be allowed out of the workplace.

SPILLAGE

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the protective clothing section of this label to clean up spills. Absorb spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

DISPOSAL

Container Disposal - Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery® depot for recycling. Alternatively, puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

Product Disposal - Dispose of this product only by using according to the label or through the Agrecovery® Chemical Recovery service or other approved facility.

FIRST AID

For advice, or if you feel unwell or are exposed or concerned, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

IF SWALLOWED: Rinse mouth. Call a POISON CENTRE or doctor if you feel unwell.

IF ON SKIN OR HAIR: Immediately remove contaminated clothing. Wash with plenty of soap and water. Call a POISON CENTRE or doctor if you feel unwell or if skin irritation or rash occurs. Wash contaminated clothing before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

CONDITIONS OF SALE

ADAMA New Zealand Limited will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of ADAMA New Zealand Limited is limited to the replacement of the goods or (at the option of ADAMA New Zealand Limited) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to ADAMA New Zealand Limited within thirty days of delivery.



ADAMA

Registered to and distributed by:

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Registered pursuant to the ACVM Act 1997, No. P7256

See www.foodsafety.govt.nz for registration conditions

Label

Approved pursuant to the HSNO Act 1996, Approval No. HSR000524
See www.epa.govt.nz for approval controls

Iotril is a trademark of an ADAMA Group Company



EMERGENCY RESPONSE
(All hours)
Ring from anywhere in New Zealand
0800 734 607

In a Transport
Emergency
Phone 111
Police or Fire

Batch Number:
Date of Manufacture:

Bar code to be inserted

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SAFETY DATA SHEET

A Safety Data Sheet for this product is available from www.adama.com or ADAMA New Zealand Limited on request. Call 03 543 8275.

PRODUCT INFORMATION

IOTRIL HERBICIDE is a quick acting contact herbicide with very limited translocation and no useful soil activity. Good coverage of the target weed is therefore essential. IOTRIL HERBICIDE is active on a wide range of broadleaved weeds. Weeds should be small and actively growing. Best results are obtained using low rates at frequent intervals.

Although IOTRIL HERBICIDE becomes rainfast after only 3 hours, good results are obtained in warm misty conditions. Warm temperatures, high humidity and low light enhance its activity.

DIRECTIONS FOR USE

TAKE ALL REASONABLE STEPS TO ENSURE THAT THE SUBSTANCE DOES NOT CAUSE ANY SIGNIFICANT ADVERSE EFFECTS TO THE ENVIRONMENT BEYOND THE APPLICATION AREA.

Do not apply onto or into water.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

CROP	WEED CONTROLLED	RATE	CRITICAL COMMENTS
Garlic Onions	Annual sowthistle Black nightshade Chickweed Cleavers Cornbind Dandelion Fathen Musky storksbill Shepherds Purse Twin cress Wild turnip Willow weed	1.8 L/ha in minimum 450 L water	Apply when weeds are small and actively growing and onions have 3 true leaves. Re-apply as required. Split applications at rates of 450 mL/ha at 7 day intervals in combination with other herbicides approved for onions can improve the spectrum of activity and allow applications at the 2 true leaf stage of the onion. Note: Slight scorch or wilting can occur after application, but this is only temporary. Hot dry conditions can enhance this effect.
	Buttercup Deadnettle Field pansy Fumitory Groundsel Nettle Plantain Speedwells Stinking mayweed	2.7 L/ha in minimum 450 L water	

APPLICATION

Apply in a minimum of 450 L of water/ha through conventional ground equipment, ensuring thorough coverage of the weeds.

COMPATIBILITY

IOTRIL HERBICIDE can be tank-mixed with a wide range of herbicides approved for use in onions and garlic to improve the spectrum of activity. Test tank mixtures on small areas before treating large fields. DO NOT add any adjuvants, such as surfactants, to IOTRIL HERBICIDE alone or tank mixtures unless previous experience has shown them to be safe.

RESISTANT WEEDS WARNING

IOTRIL HERBICIDE contains the GROUP C3 nitrile herbicide, ioxynil. The mode of action is inhibition of photosynthesis at photosystem II. Naturally occurring biotypes resistant to ioxynil could develop from many years of continuous use of this product. To minimise this risk use strictly in accordance with label directions. For details of resistance management strategies (if any) for the crops listed on the label consult the New Zealand Plant Protection Society www.resistance.nzpps.org or contact your ADAMA representative for advice.

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