

DANGER
KEEP OUT OF REACH OF CHILDREN



ADAMA

BROMOTRIL[®] HERBICIDE

GROUP 6 HERBICIDE

Fast acting contact herbicide for selective annual broadleaf weed control in barley, oats and wheat.

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active Ingredient:

Contains 400 g/L BROMOXYNIL present as the octanoate ester in the form of an emulsifiable concentrate.

UN No:	1268
Class-primary	3
Packing group	III
Proper shipping name:	PETROLEUM DISTILLATES, N.O.S.
Marine pollutant:	YES

Batch number:	
Date of Manufacture:	
Barcode to be inserted	NET CONTENTS: 1 – 200 L



REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS



DANGER

Flammable liquid and vapour. Harmful if swallowed or inhaled. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated oral exposure. Very toxic to aquatic life with long-lasting effects. Very toxic to the soil environment. Toxic to terrestrial vertebrates.

HANDLING PRECAUTIONS

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Use explosion proof electrical fixtures and non-sparking tools. Do not breath spray mist or vapour. Wash hands and any exposed skin thoroughly after handling. Use personal protective equipment as specified in the personal protection section of this label. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid unintended release into the environment. Collect spillages.

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 ENVIRONMENTALLY HAZARDOUS 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.*

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.

RECORD KEEPING

A PCBU with management or control of the substance must ensure that a written record is kept of each application of this substance. This record must include the product name, date and time of each application, amount of substance applied, location where the substance was applied, wind speed and direction and electronic data files indicating the application area (if applied by air), and details of measures taken to ensure no adverse effects beyond the boundary of the application area.

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. Do not store with class 1, 2, 3.2, 4 or 5 substances. Store in accordance with NZS 8409 Management of Agrichemicals. Secondary containment and emergency response plans are required where greater than 100 L of this product are stored. Where 500 L or more of this substance are stored two fire extinguishers must be present. In case of fire use dry chemical, water spray, foam, carbon dioxide for extinction. Refer to the product SDS for further information.

TRANSPORT

Do not carry packs greater than 10 L of this substance on a passenger service vehicle.

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.

PERSONAL PROTECTION

When mixing or applying wear appropriate protective clothing including cotton overalls buttoned to the neck and wrist, impervious, elbow-length gloves, eye/face protection and respiratory protection. Remove protective



clothing and wash hands, arms and face with soap and water thoroughly after handling.

SPILLAGE

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the personal protection 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.

Do not burn product or container.

SAFETY DATA SHEET

A safety data sheet for this product is available at www.adama.com.

FIRST AID

If medical advice is needed, have product container or label at hand.

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. Do NOT induce vomiting. **Immediately** call a POISON CENTRE or doctor.

IF ON SKIN/HAIR: Wash with plenty of soap and water. If skin irritation occurs, get medical attention. 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.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.

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.



Registered to and distributed by:
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Registered pursuant to the ACVM Act 1997, No. P007243
See www.foodsafety.govt.nz for registration conditions



Approved pursuant to the HSNO Act 1996, Approval No. HSR000431
See www.epa.govt.nz for approval controls

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EMERGENCY RESPONSE

(All hours)

Ring from anywhere in New Zealand

0800 734 607

In a Transport
Emergency
Phone 111
Police or Fire



A handwritten signature in blue ink, appearing to be 'Mark Zimmig'.

PRODUCT INFORMATION

BROMOTRIL HERBICIDE is a fast-acting post emergence contact herbicide with leaf penetrating activity against a range of seedling annual broadleaf weeds in barley, oats and wheat.

Mixtures with other cereal herbicides such as Compitone Plus, Agritone, chlorsulfuron and fluroxypyr will broaden the weed spectrum and improve control of less susceptible species. BROMOTRIL HERBICIDE is most effective when applied under conditions of warm temperatures, low light and high humidity.

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

CROPS

Wheat, Barley and Oats: Apply to small actively growing weeds from the 2- leaf (Zadoks GS 12) stage of the crop up to the 'boot' stage (Zadoks GS 45).

DO NOT apply to crops undersown with lucerne or clover.

WEEDS CONTROLLED

The weeds in the weeds controlled table will be controlled when sprayed in the seedling stage. Weeds exceeding the maximum growth stages stated in the table will generally be poorly controlled by BROMOTRIL HERBICIDE. For the control of weeds larger than the recommended growth stages and non-susceptible species mixtures with other suitable cereal herbicides are advised. Check product labels for application timing, use directions, compatibility and withholding periods.

BROMOTRIL HERBICIDE has little residual activity. Therefore, subsequent flushes of weeds will not be controlled by the initial treatment. Generally, crops that form a good canopy will help shade out subsequent weed flushes.

DO NOT spray in drought conditions or when rain is likely to fall within three hours of spraying.

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

WEEDS CONTROLLED	RATE/HA	MAXIMUM WEED STAGE OF GROWTH
<p>Most Susceptible Species Annual ragweed, annual sow Thistle, Annual cress (Lepidum spp.), Bathurst burr, Bindweeds, Black nightshade, Matricaria spp., Capeweed, Charlock, Cornflower, Corn gromwell, Fat hen (Including Triazine Resistant Fat Hen), Field penny cress, Galinsoga, Groundsel, Hawksbeard, Kickxia, Migonette, Orache, Red dead nettle, Scarlet pimpernel, Shepherds purse, Sunspurge, Thornapple, Twin cress, Volunteer sunflower, Wild radish, Winter cress, Whitlow grass</p>	700ml-1050 ml	Apply to weeds that do not exceed 4 leaves or 5cm in height, whichever comes first. If weed forms a rosette apply before weeds exceed 2.5cm in diameter
	1050ml-1400 ml	Apply to weeds up to the 8-leaf stage or 10cm in height whichever comes first. If weed forms a rosette apply before weeds exceed 5cm in diameter.



Susceptible Species Amaranthus spp., Cleavers, Cornbind, Corn chamomile, Fumitory ¹ , Hedge mustard, Henbit, Pale willow weed, , Mayweeds, Volunteer rape, Wild mustard, Wild turnip, Willow weed, Wireweed	1050-1400 ml	Apply to weeds that do not exceed 4 leaves or 5cm in height or 2.5cm in diameter, whichever comes first. ¹ Fumitory is best controlled when it has developed 4-8 leaves and is 5-10cm in height
Moderately susceptible species Field chick weed, Field pansy, Speedwell	1050-1400 ml	Apply to weeds that do not exceed 2 leaves. Poor control will result from applications made after this stage.

NON-SUSCEPTIBLE WEED SPECIES

Field madder, Spurrey, Dove's foot, Storksbill & perennial broadleaf weeds, Bromotril can suppress newly emerged Californian thistle shoots by burning down top growth. Regrowth will occur.

When tank mixed with other herbicides BROMOTRIL HERBICIDE may be applied at 500-1400ml/ha. Use the lower rate for most susceptible species up to the 4-leaf stage.

MIXING

If applying BROMOTRIL HERBICIDE with another product; fill the spray tank $\frac{1}{2}$ - $\frac{3}{4}$ full with clean water and begin agitation. If tank mixing with WP, flowable or dry flowable products add these first and mix thoroughly. Add the required amount of BROMOTRIL HERBICIDE to the spray tank and complete filling. Maintain agitation during application.

COMPATIBILITY

May be tank mixed with most commonly used cereal herbicides, insecticides, fungicides and foliar fertilizers in two-way mixes. For mixes of more than two products check compatibility first.

APPLICATION

Apply using a properly calibrated boom sprayer, capable of giving uniform coverage at a spray volume of between 200 and 500L water/ha. Use higher water rates for dense weed infestations and weeds at the larger recommended growth stages. Good even coverage of weed foliage is important because of the contact action of BROMOTRIL HERBICIDE. Do not apply when crop canopy covers weeds as poor weed control will result. It is recommended that spray pressures of 200kPa should be used and nozzles selected to give fine droplets. Coarse nozzles and low-pressure jets are not recommended.

RESISTANCE MANAGEMENT

BROMOTRIL HERBICIDE contains the GROUP 6 nitrile herbicide, bromoxynil. Do not use another product containing a herbicide in the same group in conjunction with BROMOTRIL HERBICIDE. Herbicides from different group codes should either be used alternately or mixed together to prevent the numbers of resistant individuals building up. Since the occurrence of resistant weeds is difficult to detect prior to use ADAMA New Zealand Ltd accepts no liability for losses that may result from the failure of this product to control resistant weeds

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