

WARNING
KEEP OUT OF REACH OF CHILDREN



ADAMA

CUTLASS[®] HERBICIDE

GROUP 4 HERBICIDE

A selective herbicide for the control of difficult broadleaf weeds in cereals, maize, pasture and waste areas (controls atrazine resistant fathen in maize)

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active Ingredient:

Contains 500 g/L DICAMBA as the DIMETHYLAMINE salt in the form of a soluble concentrate

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

NET CONTENTS
1 L, 5 L,
10 L, 20 L,
200 L,
1000 L

REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS**HAZARD CLASSIFICATIONS: 6.1E, 6.3A, 6.4A, 6.9B, 9.1A, 9.2A, 9.3B, 9.4B****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.

WARNING

May be harmful if swallowed or in contact with skin.

Causes skin irritation.

Causes serious eye irritation.

May cause damage to the liver through prolonged or repeated oral exposure.

Very toxic to aquatic life.

Very toxic to the soil environment.

Toxic to terrestrial vertebrates

Toxic to terrestrial invertebrates.

HANDLING PRECAUTIONS

Keep out of reach of children.

Do not eat, drink or smoke while using.

Wear protective clothing as in the personal protection section of this label.

Do not breathe spray mist or vapours.

Wash exposed skin thoroughly after handling.

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 in the original, tightly closed container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs. 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. Refer to the product SDS for further information.

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, and eye protection. Remove protective clothing and wash hands, arms and face with soap and water before meals and after work.

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.

FIRST AID

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

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

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

IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTRE or doctor if you feel unwell. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash 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.



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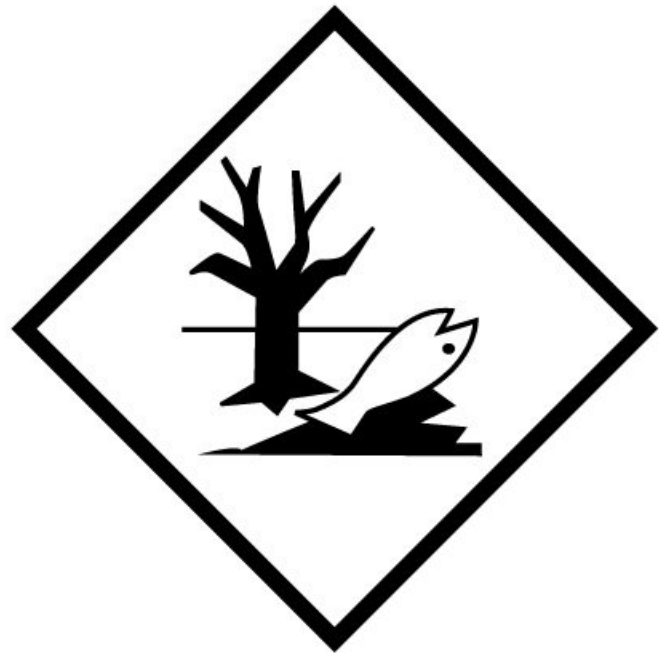
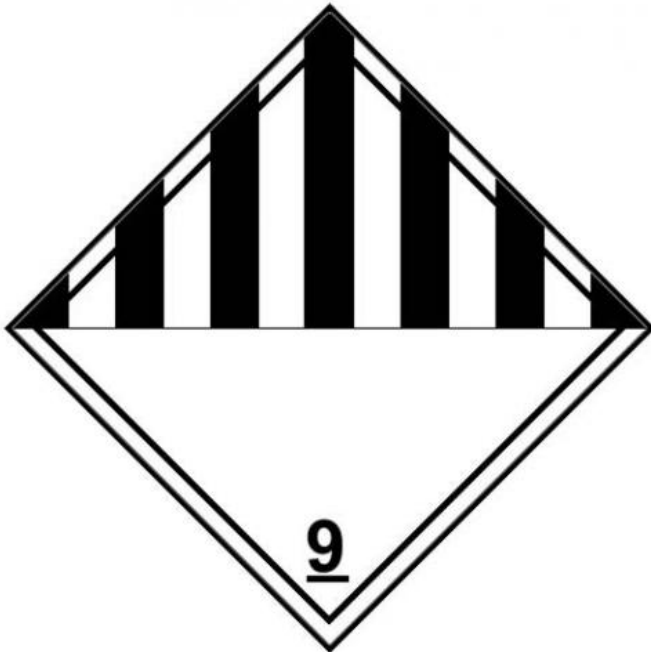
EMERGENCY RESPONSE
(All hours)
Ring from anywhere in New Zealand
0800 734 607

In a Transport
Emergency
Phone 111
Police or Fire

Batch Number:
Date of Manufacture:

Bar code to be inserted

PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dicamba)
UN NUMBER	3082
DG CLASS	9
PACKING GROUP	III
MARINE POLLUTANT	YES



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SAFETY DATA SHEET

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

PRODUCT INFORMATION

Spectrum of control

CUTLASS HERBICIDE is active against many broadleaf weeds and is particularly useful in assisting the activity of phenoxy herbicides such as MCPA and 2,4-D. CUTLASS HERBICIDE can be mixed with glyphosate, where white clover control is desired. Do not plant legume crops (peas, lucerne, clover, lupins) within 28 days of using CUTLASS HERBICIDE. Grass, cereal and brassica crops do not require any waiting period.

Weeds controlled

Alligator weed, black medic, black nightshade, Californian thistle, cape weed, catsear, chamomiles, chickweed, cleavers, clovers, cornbind, cut leaved geranium, dandelion, docks, dove's foot, fathen, fennel, field bindweed, fireweed, goat's rue, greater bindweed, hawkbit, hemp nettle, hedge mustard, hemlock, inkweed, leafy spurge, mallows, mouse eared chickweed, Onhunga weed, nipplewort, pearlwort, pennyroyal, perennial sow thistle, prostrate amaranth, redroot (amaranth), ragwort, selfheal, shepherd's purse, sheep's sorrel, sow thistle, stinking mayweed, spiny emex, spurrey, thorn apples, vetches, wild onion, wild carrot, willow weed (redshank), wireweed, yarrow.

CUTLASS HERBICIDE does not control fumitory, plantains, starweed, stone crop, or speedwells.

NOTE: CUTLASS HERBICIDE injures clover. Re-establishment of clover in pasture may be difficult for up to 2 months after spraying.

POISONOUS PLANTS WARNING

Poisonous plants may become more palatable after spraying. Stock should be kept away from the treated area until the plants have died down.

DO NOT graze treated areas or feed treated crops or threshings to livestock for two weeks after application.

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.

Spray when weeds are young and actively growing, and unless stated otherwise, before the 3-5 true leaf stage. Do not spray when weeds are wet with dew or rain or under stress from drought, extreme cold or waterlogging. Do not spray outside recommended crop growth stages as crop damage may result.

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.

USE	RATE	COMMENTS
Direct drilling of brassicas, cereals and pasture grasses	600 mL CUTLASS HERBICIDE + 2.2 L of a glyphosate 490 g/L product in 100-200 L water/ha See glyphosate label rates for problem weeds.	Graze pasture and allow 5-10 cm of regrowth before spraying. Allow 3 days for chemical to be absorbed, then drill as soon as possible (5-7 days for couch, Californian thistle).
Cereals – wheat, barley and oats	140-280 mL CUTLASS HERBICIDE + 1.5-2 L of a MCPA 375 g/L product in 100-200 L water/ha	Apply only when the crop is at the 4-5 leaf stage between tillering and jointing. Use the lower rate for young weeds and the higher rate for more advanced weeds and where Californian thistle is present. Do not spray crops undersown with clover or lucerne.
Turf	800mL CUTLASS HERBICIDE + 3 L of a MCPA 375 g/L in 150-200 L water/ha	Apply as a boom spray.
Linseed	240-280 mL per 100-200 L water/ha	Spray after the crop has 4 true leaves and before flower buds have formed in stem tips. Do not use when crop is undersown with clovers or lucerne.
Maize	400-600 mL per 200 L water/ha	For control of fathen (including atrazine resistant), field bindweed and Californian thistle. Apply as an overall spray when the maize is 10-30 cm in height. For larger weeds use the higher rate. On short relative maturity hybrids (100 days or less) use the lower rate and apply at the earlier growth stage. For small maize and weeds, position boom height relative to the ground. As maize and weeds grow, raise boom height to adjust for maize height. (Avoid positioning nozzles directly over the maize whorl).
Marrow-stemmed kale (Chou Moellier), thousand headed kale	280-340 mL per 200 L water/ha	Spray when crop is at the 4-6 the leaf stage when weeds are small and actively growing.
Oil seed rape	200-280 mL per 200-300 L water/ha	Spray when crop is at the 4-6 true leaf stage when weeds are small and actively growing. Do not exceed the higher rate and do not spray crops in stressed growth conditions.
Pasture	100 mL CUTLASS HERBICIDE + 500 mL of a MCPA 375 g/L product per 100 L water	For the control of Californian thistle apply as a spot spray just prior to flowering.

USE	RATE	COMMENTS
	120-140 mL CUTLASS HERBICIDE + 660 mL of a 2,4-D 520 g/L product per 100 L water	For ragwort control, apply as a spot spray. Avoid spraying surrounding pasture. Even repeated applications may not control regrowth ragwort, which is often characterised by multicrowns.
Waste areas	80–120 mL CUTLASS HERBICIDE + 330 mL of a 2,4-D 520 g/L product per 100 L water	Apply as a wetting spray in spring or autumn. Add an amitrole 400 g/L product or glyphosate 490 g/L product to the mixture at recommended label rates for grass weed control. Add simazine herbicide for long term control.

MIXING

Add CUTLASS HERBICIDE to water in the spray tank and agitate. Where a second chemical is to be used, always add the CUTLASS HERBICIDE to the spray tank first.

COMPATIBILITY

May be used in tank-mixtures with most other products.

APPLICATION

CUTLASS HERBICIDE is suited for application with conventional boom and spot application equipment. To avoid spray drift, do not use nozzle/pressure combinations that produce fine droplets. Maintain water rates at those recommended in the above table.

RAINFALL

Do not spray when rainfall seems likely within 6 hours of application.

RESISTANCE MANAGEMENT

CUTLASS HERBICIDE contains the GROUP 4 Benzoic acid herbicide, dicamba. Do not use another product containing a herbicide in the same group in conjunction with CUTLASS HERBICIDE, and where possible alternate the types of herbicides used within any one paddock over time. Herbicides from different group codes should either be used alternately or mixed together to prevent the numbers of resistant individuals building up.

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