

# POISON

KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



# Malice Duo

## ADVANCED MITICIDE

**ACTIVE CONSTITUENT: 187.5 g/L CLOFENTEZINE  
18 g/L ABAMECTIN**

**GROUP 10A | 6 INSECTICIDE**

**For the control of couch mite in couch turf as specified in the Directions  
for Use table**

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE OPENING OR USING**

**indigo**  
SPECIALTY PRODUCTS

**Indigo Specialty Products Pty Ltd**  
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**Contents  
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# Malice Duo

## ADVANCED MITICIDE

### STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.

The container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate or any undiluted chemical according to state legislative requirements. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

For refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

### SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes. May irritate the nose and throat and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Do not inhale spray mist. If product in eyes, wash it out immediately with water. When opening the container and preparing the product for use and using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, elbow-length chemical resistant gloves and a disposable mist face mask covering mouth and nose. In addition, when mixing and loading wear face shield or goggles. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126, New Zealand 0800 764 766.

### SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for ProForce MALICE DUO ADVANCED Miticide is available from Indigo Specialty Products Pty Ltd on request.

**May cause damage to the central nervous system and the peripheral nervous system through prolonged or repeated exposure.**

Do not eat, drink or smoke when using this product.  
Get medical advice/attention if you feel unwell.

**CONDITIONS OF SALE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of product contrary to label instructions, or under off-label permits not endorsed by Indigo Specialty Products Pty Ltd or under abnormal conditions. Indigo Specialty Products Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

IN A TRANSPORT  
EMERGENCY

**DIAL 000**

POLICE OR FIRE BRIGADE

SPECIALIST ADVICE IN AN EMERGENCY ONLY

**0417 653 654**

ALL HOURS – AUSTRALIA WIDE



5L

Batch No.

Date of  
Manufacture

APVMA Approval No.: 87784/123577



## ADVANCED MITICIDE

### DIRECTIONS FOR USE

#### Restrains

- DO NOT apply to turf under heat or moisture stress.
- DO NOT apply if rainfall imminent. The effect of this product could be diminished if rain falls within 6 hours of application.
- DO NOT apply by backpack.
- DO NOT apply by aircraft.
- DO NOT apply by vertical sprayer.
- DO NOT apply through any type of irrigation system or ultra low volume spray system.
- DO NOT apply with a nozzle height greater than 50 cm above the ground.
- DO NOT graze treated turf or lawn; or feed turf or lawn clippings from any treated area to poultry or livestock.

### SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://apvma.gov.au/spraydrift).

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between three and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

Situation	Pest	Rate	Critical Comments
Couch Turf including but not limited to golf greens, tees and fairways, bowling clubs, sports fields and racetracks.	Couch Mite ( <i>Aceria cynodoniensis</i> )	1.35 L/ha in 400-800 L of water per hectare.	Apply product in an early curative situation (after first symptoms are apparent). Best results are achieved if applied as populations begin to build rather than at the peak of population growth.

## NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

### WITHHOLDING PERIODS

**TURF: DO NOT GRAZE TREATED TURF/LAWN OR FEED TURF/LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK**

### GENERAL INSTRUCTIONS

ProForce MALICE DUO ADVANCED Miticide is a combination insecticide providing knockdown and residual control. The clofentezine component has contact action and long residual activity. It acts primarily by interfering with mite growth during the final stages of embryonic, and early stages of larval development. The abamectin component also has contact and stomach action, has limited plant systemic activity but exhibits translaminar movement. Good spray coverage is essential. The abamectin is translocated into leaves and remains for several weeks offering limited residual control of target mites. Abamectin that is not absorbed into plants is quickly degraded.

### MIXING

Use only clean spraying equipment in good condition. Half fill the spray tank with clean water and commence agitation. Add the required quantity of product directly to the water, then add mixing partner and complete filling to the final volume.

Spray immediately and maintain agitation throughout.

DO NOT allow spray mixture to remain in the tank overnight or for long periods without agitation.

### APPLICATION

Apply by ground boom sprayer, low pressure hand wand or hand gun sprayer. To be effective MALICE DUO ADVANCED requires thorough spray coverage. Ensure that equipment is properly calibrated to give an even distribution at the correct volume. Application volume should be adequate to ensure thorough and even coverage of turf leaves with penetration into the crowns. Total application volume should be 400 to 800 L/ha. Use coarse droplets (e.g. Air Induction flat fan 025 to 04 nozzles). In higher cut turf (>15 mm) a significant spray shielding effect can occur, impacting negatively on spray penetration and even coverage at low application volumes.

### INSECTICIDE RESISTANCE WARNING

For insecticide resistance management ProForce MALICE DUO ADVANCED Miticide is both a Group 10A and Group 6 insecticide. Some naturally occurring insect biotypes resistant to MALICE DUO ADVANCED and other Group 10A or Group 6 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if MALICE DUO ADVANCED or other Group 10A or Group 6 insecticides are used repeatedly. The effectiveness of MALICE DUO ADVANCED on resistant individuals could be significantly reduced. Since the occurrence of resistant insects is difficult to detect prior to use, Indigo Specialty Products Pty Ltd accepts no liability for any losses that may result from the failure of MALICE DUO ADVANCED to control resistant insects.

MALICE DUO ADVANCED may be subject to specific resistance management strategies. For further information contact your local supplier, Indigo Specialty Products representative or local agricultural department agronomist.

**GROUP 10A | 6 INSECTICIDE**

### RE-ENTRY PERIOD

Do not allow entry to treated areas until the product has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length chemical resistant gloves. Clothing must be laundered after each day's use.

### PROTECTION OF LIVESTOCK

DO NOT graze treated turf/lawn or feed turf/lawn clippings from any treated area to poultry or livestock.

### PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS

Highly toxic to bees. DO NOT spray while bees are actively foraging. DO NOT allow spray drift to flowering plants in the vicinity of the treatment area. Before spraying, notify beekeepers to move hives to a safe location with an untreated source of nectar and pollen, if there is potential for managed hives to be affected by the spray or spray drift. Risk to bees is reduced by spraying in early morning and late evening while bees are not foraging. Residues may remain toxic to bees for several days after application.

### Integrated Pest Management

Toxic to beneficial arthropods. Not compatible with integrated pest management (IPM) programs utilising beneficial arthropods. Minimise spray drift to reduce harmful effects on beneficial arthropods outside the treatment area.

### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DRIFT WARNING - DO NOT apply under weather conditions or from spraying equipment which could be expected to cause spray to drift onto adjacent, crops, crop lands, pastures or livestock.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

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### SDS

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### CONDITIONS OF SALE:

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