

# POISON

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

## Venom<sup>®</sup> Professional 240SC

### Insecticide

ACTIVE CONSTITUENT: **240 g/L BIFENTHRIN**

GROUP

**3A**

INSECTICIDE

Situation/Crops: Internal and external areas & surrounds of Domestic, Commercial, Public & Industrial buildings, Turf and Ornamentals

Uses: For the control of a range of urban interior and exterior pests as specified in the Directions for Use Table



ADAMA

Formulation type  
Suspension  
Concentrate

SC

adama.com

CONTENTS: 1 - 1000 L

#### DIRECTIONS FOR USE

##### RESTRAINTS

- DO NOT use this product at less than indicated label rates.
- DO NOT apply to soils if excessively wet or immediately after heavy rain to avoid run-off of the chemical.
- DO NOT use in cavity walls except via direct treatment of nests.
- DO NOT apply to mud, sand, mangrove or aquatic habitat.
- DO NOT apply as an Ultra Low Volume (ULV) or via thermal fogging treatment.
- DO NOT use in situations where predatory mites are established and providing effective mite control.
- DO NOT apply if rainfall is expected before spray deposits dry on leaf surfaces.

CROP	PEST	RATE	CRITICAL COMMENTS
Roses, Carnations and other ornamental plants	Two spotted mite ( <i>Tetranychus urticae</i> )	13 or 17 mL/100 L	Apply at first sign of pest infestation and before pest populations build up to damaging levels. Repeat as necessary on 10 - 14 day interval. Best results are obtained from preventative rather than curative applications. Where indicated, use higher doses for knockdown of established pest infestations or when longer residual activity is required. Spray to run off using a spray volume of 1000 - 1500 L/ha.
	Aphids	8 mL/100 L	
	Caterpillars and Loopers including Heliothis (Corn Ear Worm, Native Bud Worm) <i>Helicoverpa</i> spp., Light Brown Apple Moth ( <i>Epiphyas postvittana</i> ) and Geranium Plume Moth ( <i>Sphenarches Anisodactylus</i> )		Apply at first sign of pest infestation and before pest populations build up to damaging levels. Repeat as necessary on 10 - 14 day interval. Best results are obtained from preventative rather than curative applications. Spray to run off using a spray volume of 10 - 15 litres per 100 square metres covering both leaf surfaces.

CROP	PEST	RATE	CRITICAL COMMENTS
Roses, Carnations and other ornamental plants <i>Cont.</i>	Whitefly ( <i>Trialeurodes vaporariorum</i> ), Pointsettia Whitefly ( <i>Bemisia tabaci</i> Biotype B.)	8 - 33 mL/ 100 L	Apply at first sign of pest activity and repeat at intervals of 7 - 10 days while pest pressure persists. More than three sprays may be required to control an existing infestation. Spray to run off covering both leaf surfaces. Use the higher rate when pest pressure is high, when conditions favour pest development or when increased residual protection is required.
	Mealy Bug ( <i>Pseudococcus longispinus</i> )	8 mL/100 L	Apply at first sign of pest activity and repeat at intervals of 7 - 10 days while pest pressure persists. Spray to run off covering both leaf surfaces.
	Plague Thrips ( <i>Thrips imagines</i> , <i>T. simplex</i> and <i>T. hawaiiensis</i> )		Apply at first sign of pest activity and repeat at intervals of 7 - 10 days while pest pressure persists. Ensure that flowers and buds are sprayed. Spray to run off. When buds are opening rapidly and pest pressure is high reducing the spray interval to 3 - 4 days will give better results. Monitor the population by regular inspection.
	Cutworm ( <i>Agrotis</i> spp.) in beds, containers and pots	500 mL/ha (5 mL/100 m <sup>2</sup> ) 8 mL/100 L	Spray evenly over the area to be treated. After application apply approximately 5 mm of sprinkler irrigation. Apply as a drench at a rate of 2 litres of prepared spray per square metre of pot area.
Turf (e.g. Lawns, commercial turf farms, parks, recreational areas, bowling greens, sports fields)	Lawn Armyworm ( <i>Spodoptera mauritia</i> ), Sod Webworm ( <i>Herpetogramma licarsisalis</i> )	500 mL - 1 L/ha (5 - 10 mL/100 m <sup>2</sup> )	Mix VENOM® PROFESSIONAL 240SC in water and apply evenly over the area to be treated using spray application equipment. Use a minimum total volume of at least 200 L/ha (2 L/100 m <sup>2</sup> ). To ensure optimum control, irrigate the treated area with up to 4 mm of water soon after application. Inspect treated areas for continuing activity. Reapply as required. Where a rate range is indicated use lower rates under lower insect pressure and higher rates under higher insect pressure. Apply after mowing to minimise loss of insecticide in clippings.
	Argentine Stem Weevil adults ( <i>Listronotus bonariensis</i> )	500 mL - 1 L/ha (5 - 10 mL/100 m <sup>2</sup> )	
	African Black Beetle adults ( <i>Heteronychus arator</i> )	1 - 1.5 L/ha (10 - 15 mL/100 m <sup>2</sup> )	
	Billbug adults ( <i>Sphenophorus brunnipennis</i> )	500 mL - 1 L/ha (5 - 10 mL/ 100 m <sup>2</sup> )	
	Black Ant, Costal Brown Ant, Funnel Ant, Meat Ant, Sugar Ant and Stinging Ant only	500 mL - 1.8L/ha (5 - 18 mL/ 100 m <sup>2</sup> )	Mix VENOM® PROFESSIONAL 240SC in water and apply evenly over the area to be treated using spray application equipment. Apply to areas where ants are active. Where possible spray directly into the nests. Use the low rate for maintenance treatments or to control light infestations and the high rate for heavy infestations and for maximum residual control. The elimination of Funnel Ants from a particular site will generally require more than one application. Initial applications should be broadcast over affected areas. As the initial numbers of active colonies is reduced, application should shift to targeting active mounds. Apply spray directly to the mound and in the area immediately surrounding active mounds (300 mm radius). To aid in even coverage a minimum spray volume of 200 L/ha (2 L/ 100 m <sup>2</sup> ) is recommended.
Internal and external Areas & Surrounds of Domestic, Commercial, Public & Industrial buildings and structure	Spiders	10 - 20 mL/10 L	Use the higher rate where pest pressure is high, when rapid knockdown and/or maximum residual protection is desired. For overall band surface spray, apply as a course, low pressure spray to areas where spiders hide, frequent and rest.  On non-porous surfaces apply as a course spray at the rate of 1 L of solution per 20 m <sup>2</sup> ensuring thorough coverage of the treated surfaces. When treating non-porous surfaces DO NOT exceed the point of run-off. On porous surfaces or use through power equipment, spray at rate of 1 L of solution per 10 m <sup>2</sup> ensuring thorough coverage of the treated surfaces. When treating porous surfaces DO NOT exceed the point of run-off.  In an outdoor situation, pay particular attention to protected dark areas such as cracks and crevices, under floors, eaves and other known hiding or resting places. For indoor use, pay particular attention to protected dark areas such as cracks and crevices, behind and under sinks, stoves, refrigerators, furniture, pipes, cornices, skirting boards & other known hiding or resting places. DO NOT use as a space spray. For crack and crevice treatment use an appropriate solid stream nozzle. For maximum spider control use a two part treatment.  1. Crack and crevice. 2. Overall band spray of surfaces.
	Papernest Wasps	20 mL/10 L	Apply prepared solution to the Papernest ensuring thorough and even coverage. When applying the solution DO NOT exceed the point of run-off. When all adult wasps have been knocked down the nest may be safely removed from the surface.
	Ants (excluding Red Imported Fire Ants) and Cockroaches	20 - 40 mL/10 L	On non-porous surfaces apply as a coarse spray at the rate of 1 L of solution per 20 m <sup>2</sup> . When treating non-porous surfaces DO NOT exceed the point of run-off.  On porous surfaces or use through power equipment, spray at the rate of 1 L of solution per 10 m <sup>2</sup> . When treating porous surfaces DO NOT exceed the point of run-off. Use the higher rate in situations where pest pressure is high, when rapid knockdown and/or maximum residual protection is desired. The lower rate may be used for follow-up treatments. For indoor use, pay particular attention to protected dark areas such as cracks and crevices, behind and under sinks, stoves, refrigerators, furniture, pipes, cornices, skirting boards and other known hiding or resting places. DO NOT use as a space spray.  To control ants to trails and nests. Repeat as necessary.  To control fleas and ticks apply prepared solution to outside surfaces of buildings and surrounds including but not limited to foundations, verandahs, window frames, eaves, patios, garages, pet housing, soil, turf, trunks of woody ornamentals or other areas where pests congregate or have been seen.  To control flies and mosquitoes apply prepared solution to surfaces where insects rest or harbour. Reapply as necessary. For perimeter treatments apply the prepared solution to a band of soil or vegetation two to three meters wide around and adjacent to the structure. Also treat the foundation of the structure to a height of approximately one meter. Use a spray volume of 5 - 10 L per 100 m <sup>2</sup> . Higher volumes of water may be needed if organic matter is present or foliage is dense. When applying to concealed areas (such as wall cavities), foaming agents are useful in achieving greater penetration where a through application is difficult to achieve.

CROP	PEST	RATE	CRITICAL COMMENTS
Internal and external Areas & Surrounds of Domestic, Commercial, Public & Industrial buildings and structures suitable for Residual Surface Treatments	Mosquitoes, Biting Midges, Flies, Fleas and Ticks	20 - 40 mL/10 L	To form Residual Surface Treatments, apply prepared solution to indoor and outdoor surfaces where insects rest or harbour. Internal harbourage sites include (but are not restricted to) areas such as walls, fly screens, behind and under sinks, under furniture and indoor plants. External harbourage sites include (but are not restricted to) areas such as building exteriors, eaves, walls, fences, also garages, sheds, gazebos, ornamental plants, bushes, shrubs, hedges, shady or damp areas around buildings. Reapply as necessary. When applying to vegetation, ensure that spray penetrates entire plant or hedge and covers both leaf surfaces. For perimeter or harbourage treatments, apply the prepared solution to a band of soil or vegetation two to three meters wide around and adjacent to the structure. Also treat the foundation of the structure to a height of approximately one meter. Use a spray volume of 5 - 10 L per 100 m <sup>2</sup> . Higher volumes of water may be needed if organic matter is present or foliage is dense. On non-porous surfaces apply as a coarse spray at the rate of 1 L of solution per 20 m <sup>2</sup> . When treating nonporous surfaces, DO NOT exceed the point of runoff.  On porous surfaces spray at the rate of 1 L of solution per 10 m <sup>2</sup> . When treating porous surfaces, DO NOT exceed the point of run-off. Use the higher rate in situations where pest pressure is high, when rapid knockdown and maximum residual protection is desired. The lower rate may be used for follow-up treatments. When applying to concealed areas (such as wall cavities), foaming agents are useful in achieving greater penetration where a through application is difficult to achieve.

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

**GENERAL INSTRUCTIONS**

VENOM® PROFESSIONAL 240SC is a powerful knockdown and residual pesticide. Ants, cockroaches, biting midges, fleas, flies, mosquitoes, spiders, ticks and wasps are controlled by direct contact with spray and also by residual action as they come into contact with treated surfaces.

**MIXING**

Add the required quantity of VENOM® PROFESSIONAL 240SC to water in the spray tank and mix thoroughly. Maintain agitation during both mixing and application.

**INSECTICIDE RESISTANCE WARNING**

For insecticide resistance management VENOM® PROFESSIONAL 240SC is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Venom 240®SC and other Group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if VENOM® PROFESSIONAL 240SC or other Group 3A insecticides are used repeatedly. The effectiveness of VENOM® PROFESSIONAL 240SC on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Adama Australia accepts no liability for any losses that may result from the failure of VENOM® PROFESSIONAL 240SC to control resistant insects.

VENOM® PROFESSIONAL 240SC may be subject to specific resistance management strategies. For further information contact your local supplier, Adama representative or local agricultural department agronomist.



**Returnable mini-bulk container with Micro Matic Valve (110 L):** DO NOT tamper with the valve or the security seal. DO NOT contaminate the container with water or any foreign matter. After each use of the product, please ensure that the coupler delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the container have been used, close all valves and return to the point of sale for refill or storage. The container remains the property of Adama Australia.

**Returnable Containers (1000 L):** Empty contents fully into application equipment. Close all valves and return to point of supply or other designated collection point for refill or storage. This container remains the property of Adama Australia.

**SAFETY DIRECTIONS**

Poisonous if swallowed. May irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin.

For hand held application: When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow-length PVC or nitrile gloves. When using the prepared spray wear protective waterproof clothing, elbow length PVC or nitrile gloves and water resistant footwear. After each day's use, wash gloves, contaminated clothing. Wash hands after use.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

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**PRECAUTIONS**

DO NOT use as a space spray. DO NOT spray directly on humans, pets or animals. Avoid contact with food, food utensils or preparation surfaces.

**RE-ENTRY PERIOD**

Allow treated areas to completely dry (normally 3-4 hours) and ventilate buildings before re-occupying. Workers re-entry to treated areas should be restricted until the spray has dried. When prior entry is necessary, wear cotton overalls buttoned to the neck, wrist and elbow-length PVC, neoprene or nitrile gloves and chemical resistant footwear. Clothing must be laundered after each day's use.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND THE ENVIRONMENT**

Dangerous to fish and aquatic organisms. DO NOT contaminate dams, rivers, streams, waterways or drains with product or the used container.

**PROTECTION OF PETS AND LIVESTOCK**

DO NOT spray directly on humans, pets or animals. Before spraying, remove animals and pets from the areas to be treated. Cover or remove fish ponds, aquariums etc. before spraying. Avoid contact with food, utensils or preparation surfaces. Cover or remove any open food and water containers.

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

Dangerous to bees. **DO NOT** spray any plants in flower when bees are foraging. Spray in the night or early morning when bees are not actively foraging.

**STORAGE, SPILLAGE AND DISPOSAL**

Store in the closed, original container in a dry, cool, well-ventilated area, away from children, animals, food and feedstuffs. DO NOT store for prolonged periods in direct sunlight. DO NOT store at temperatures below 5°C. In case of spillage, confine and absorb the spilled product with absorbent material such as sand, clay or cat litter and dispose of waste as indicated below or according to the Australian Standard 2507 – Storage and Handling of Pesticides. DO NOT re-use empty containers.

**1 - 100 L:** This 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 by adding it to the spray tank. DO NOT dispose of undiluted chemical on site. 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.