

WARNING: TOXIC - ECOTOXIC
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Biflex[®] AquaMax Insecticide

ACTIVE CONSTITUENT: 100 g/L BIFENTHRIN

GROUP	3A	INSECTICIDE
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For the control of a range of urban interior and exterior pests and for the control of termites, as specified in the Directions for Use Table.

IMPORTANT: RESTRICTED CHEMICAL PRODUCT ONLY TO BE SUPPLIED TO, OR USED BY AN AUTHORISED PERSON

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

Contents: 10 / 5 / 1 Litres

Supplied By:

Garrards
Unit 4, 27b Cain Road,

PENROSE. AUCKLAND
Telephone Number: (09) 526 5232
Fax Number (09) 526 4272

EMERGENCY: 111 or FIRE BRIGADE
Poisoning: 0800 764 766



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Biflex[®] AquaMax Insecticide

CONDITIONS OF USE BY AUTHORISED PERSONS

The pest control operator must be licensed under state legislation.

The pest control operator must notify site supervisor, if any, and workers who come into contact with uncovered treated soil prior to laying the moisture membrane, to wear appropriate personal protective equipment and to observe re-entry requirements. (For personal protective equipment, refer to "SAFETY DIRECTIONS", and for re-entry, refer to "PRECAUTIONS AND RE-ENTRY PERIOD", below.)

PRECAUTIONS AND RE-ENTRY PERIOD

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

General Pest Control: Allow treated areas to completely dry (normally 3-4 hours) and ventilate buildings before re-occupying. Worker 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.

STORAGE, SPILLAGE AND DISPOSAL

Store in closed original containers, in a cool, well ventilated area away from children, animals, food and feedstuffs. Do not store for prolonged periods in direct sunlight.

In case of spillage, confine and absorb spilled product with absorbent material such as sand, clay or cat litter. NOT allow spilled product to enter sewers, drains, creeks or any other waterways.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

Do not bury waste or surplus product. Dispose of undiluted waste by either dilution and use according to the Directions for Use or returning to the point of purchase in the original container for controlled disposal. Dispose of diluted surplus product by using according to the Directions for Use. Do not re-use empty container.

HAZARDS

Harmful if swallowed or inhaled. Causes skin and eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life with long lasting effects. Harmful to the soil environment.

Toxic to terrestrial vertebrates. Very toxic to terrestrial invertebrates.

SAFETY DIRECTIONS / PRECAUTIONS.

Read safety data sheet before use. Do not breathe mist vapours or spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only in a well-ventilated

area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the Environment. Wear protective gloves, protective clothing, eye and face protection. In case of inadequate ventilation wear respiratory protection.

For hand held application: When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist and 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 Swallowed: Do not induce vomiting. Rinse Mouth. Call a POISON CENTER or doctor/physician if you feel unwell. If any discomfort persists seek medical advice/attention.

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 advice/attention.

ON Skin: Take off contaminated clothing and wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before re-use.

IF Inhaled: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. If poisoning occurs, contact a doctor or Poisons Information Centre:

**New Zealand Poison Centre:
0800 764 766.**

Material Safety Data Sheet

Additional information is listed in the Material Safety Data Sheet.

WARRANTY

FMC Australasia Pty Ltd makes no warranty expressed or implied, concerning the use of this product other than that indicated on the label. Except as so warranted the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Batch No:

Date of Manufacture:

EPA Approval Number: HSR100508

HSNO Classification: 6.1D, 6.3A, 6.4A, 6.5B, 6.9B, 9.1A, 9.2C, 9.3B

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Biflex® AquaMax Insecticide: DIRECTIONS FOR USE

Restrictions:

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 certified cavity infill reticulation systems or direct treatment of nest).

Situations	Pests	Rate	Critical Comments
Internal & external Areas & Surrounds of Domestic, Commercial, Public & Industrial buildings and structures	Spiders	25 - 50 mL/10L	<p>Use the higher rate in situations where pest pressure is high, when rapid knockdown and/or maximum residual protection is desired. For overall band surface spray, apply as a coarse, low pressure surface spray to areas where spiders hide, frequent and rest. On non-porous surfaces apply as a coarse spray at the rate of 1 L of emulsion per 20 m² ensuring thorough coverage of the treated surfaces. When treating non-porous surfaces do not exceed the point of run-off.</p> <p>On porous surfaces or use through power equipment, spray at the rate of 1 L of emulsion per 10 m² ensuring thorough coverage of the treated surfaces. When treating porous surfaces do not exceed the point of run-off.</p> <p>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 & under sinks, stoves, refrigerators, furniture, pipes, cornices, skirting boards & other known hiding or resting places. Do not use as a space spray.</p> <p>For crack and crevice treatment use an appropriate solid stream nozzle.</p> <p>For maximum spider control use a two part treatment.</p> <ol style="list-style-type: none">1. Crack and crevice.2. Overall band spray of surfaces.
Internal & external Areas & Surrounds of Domestic, Commercial, Public & Industrial buildings and structures	Papernest Wasps	50 mL/10L	<p>Apply prepared emulsion directly to the papernest ensuring thorough and even coverage. When applying emulsion do not exceed the point of run-off.</p> <p>When all adult wasps have been knocked-down the nest may be safely removed from the structure.</p>

Situations	Pests	Rate	Critical Comments
Internal & external Areas & Surrounds of Domestic, Commercial, Public & Industrial buildings and structures	Ants (excluding Red Imported Fire Ants), Cockroaches, Mosquitoes, Fleas, Flies, Ticks (excluding the paralysis tick <i>Ixodes holocyclus</i>) (Adults & Nymphs)	50 - 100 mL/10L	<p>On <i>non-porous surfaces</i> apply as a coarse spray at the rate of 1 L of emulsion per 20 m². Do not exceed the point of run-off.</p> <p>On <i>porous surfaces</i> or use through power equipment, spray at the rate of 1 L of emulsion per 10 m². Do not exceed the point of run-off.</p> <p>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.</p> <p>For indoor use, pay particular attention to protected dark areas such as cracks and crevices, behind & under sinks, stoves, refrigerators, furniture, pipes, cornices, skirting boards & other known hiding or resting places.</p> <p>Do not use as a space spray.</p> <p>To control ants apply to trails and nests. Repeat as necessary.</p> <p>To control fleas and ticks apply prepared emulsion 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.</p> <p>To control flies and mosquitoes apply prepared emulsion to surfaces where insects rest or harbour. Reapply as necessary.</p> <p>For perimeter treatments apply the prepared emulsion 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 metre. Use a spray volume of 5 to 10 L per 100 m². Higher volumes of water may be needed if organic matter is present or foliage is dense.</p>

Biflex AquaMax Insecticide for the control of ALL SUBTERRANEAN TERMITES EXCEPT *Mastotermes Darwiniensis*

Situations	Pests	Rate	Critical Comments
		Per 100L water	
Protection of poles, posts and any other wooden structures in contact with the soil and seedling woody plants	All subterranean termites except <i>Mastotermes Darwiniensis</i>	500 mL	<ul style="list-style-type: none"> ◆ Regular inspections should be undertaken to determine when and if retreatment is necessary. If disturbance of the barrier has occurred, retreatment of the area affected will be required. ◆ Posts and poles may also be drilled and injected with spray solution. ◆ Note: For existing poles and posts, it is impractical to treat the full depth and underneath of such poles and posts and therefore the possibility of future termite attack from below the treated area cannot be ruled out.
Nest Eradication			Locate nest and flood with insecticide emulsion. Trees, poles, posts and stumps containing nests may require drilling prior to treatment with termiticide emulsion. The purpose of drilling is to ensure the termiticide emulsion is distributed throughout the entire nest. Drill holes in live trees should be sealed with an appropriate caulking compound after injection

Note: Termiticide barriers provided by this product have a finite life. This together with the recommendation to undertake annual inspections must be stated on the durable notice required by the BCA, B1.3(j)(ii).

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

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CONDITIONS OF USE BY AUTHORISED PERSONS

The Pest Control Operator must be licensed under state legislation.

The Pest Control Operator must notify site supervisor, if any, and workers who come into contact with uncovered treated soil prior to laying the moisture membrane, to wear appropriate personal protective equipment and to observe re-entry requirements. (For personal protective equipment, refer to "SAFETY DIRECTIONS", and for re-entry, refer to "PRECAUTION: RE-ENTRY PERIODS", below.)

GENERAL INSTRUCTIONS

General Pest Control - Biflex AquaMax Insecticide is a powerful knockdown and residual pesticide. Ants, cockroaches, 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.

Termites - The use of Biflex AquaMax Insecticide will help prevent and control subterranean termite infestations in and around buildings and structures when used in accordance with the Australian Standard AS 3660 Series, Termite Management. A dilute termiticidal emulsion must be adequately dispersed into the soil to establish a barrier between the building and subterranean termites in the soil. The purpose of a termite barrier is to prevent concealed termite entry into the building.

The biology and behaviour of the termite species involved, should be considered by the Pest Control Operator in determining which control measures are most appropriate to control and prevent termite infestation.

INSECTICIDE RESISTANCE WARNING

GROUP	3A	INSECTICIDE
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For insecticide resistance management Biflex AquaMax Insecticide is a Group 3A insecticide.

Some naturally occurring insect biotypes resistant to Biflex AquaMax Insecticide 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 Biflex AquaMax Insecticide or other 3A insecticides are used repeatedly. The effectiveness of Biflex AquaMax Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, FMC Australasia Pty Ltd accepts no liability for any losses that may result from the failure of Biflex AquaMax Insecticide to control resistant insects.

Biflex AquaMax Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier or FMC Australasia Pty Ltd representative or local agricultural department agronomist.

MIXING

Add the required quantity of Biflex AquaMax Insecticide to water in the spray tank and mix thoroughly. Maintain agitation during both mixing and application.

To facilitate even application of the termiticide emulsion over the area to be treated, the addition of a marker dye at label rates is recommended. On hard to wet soils, the penetration of the termiticide emulsion may be improved by the addition of a soil surfactant at label rates.

Service Requirements: Service requirements are to be determined as a result of at least an annual inspection by a licensed Pest Control Operator.

Subterranean termites are on occasions capable of bridging termite barriers and therefore regular inspections will significantly increase the probability of detection of termite activity before any damage or costly repairs are required.

PRECAUTIONS AND RE-ENTRY PERIOD

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

General Pest Control: Allow treated areas to completely dry (normally 3-4 hours) and ventilate buildings before re-occupying. Worker 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, CRUSTACEANS 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

Before spraying, remove animals and pets from the areas to be treated. Cover or remove any open food and water containers. Cover or remove fish ponds, aquariums etc before spraying.

STORAGE, SPILLAGE AND DISPOSAL

Store in closed original containers, in a cool, well ventilated area away from children, animals, food and feedstuffs. Do not store for prolonged periods in direct sunlight.

In case of spillage, confine and absorb spilled product with absorbent material such as sand, clay or cat litter. Do NOT allow spilled product to enter sewers, drains, creeks or any other waterways.

The method of disposal of the container depends on the container type. Read the "Storage and Disposal" instructions on the label that is attached to the container.

HAZARDS

Harmful if swallowed or inhaled. Causes skin and eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Harmful to the soil environment. Toxic to terrestrial vertebrates. Very toxic to terrestrial invertebrates.

SAFETY DIRECTIONS

For hand held application: When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist and 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.

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