

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



# **BIFLEX<sup>®</sup> MIKRON<sup>™</sup>**

## **INSECTICIDE**

**ACTIVE CONSTITUENTS: 64 g/L Bifenthrin**

**53g/L Acetamiprid**

GROUP	<b>3A</b>	INSECTICIDE
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GROUP	<b>4A</b>	INSECTICIDE
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**For the control of a range of urban interior and exterior pests, as specified  
in the Directions for Use Table.**

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

**CONTENTS: 1L -1000L**

**IMPORTANT: READ THIS LABEL BEFORE USE**

## DIRECTIONS FOR USE

### Restraints:

**DO NOT** use this product at less than indicated label rates.

**DO NOT** apply outdoors if heavy rains or storms are forecast within 3 days.

**DO NOT** apply to soils if excessively wet or immediately after heavy rain to avoid runoff of the chemical

**DO NOT** use in farm buildings where grain or crop produce is stored.

**DO NOT** spray directly on to livestock, their feed, water, litter or surfaces directly accessible to them.

**DO NOT** apply to mangroves or aquatic habitats.

**DO NOT** apply via thermal fogging treatment.

**DO NOT** use as a space spray or spray into the air in a manner that allows the product to drift off target to settle onto sensitive species and /or non-target areas.

**DO NOT** spray as a broadcast spray indoors.

**DO NOT** apply by aircraft (Drone)

Situation	Pests	Rate	Critical comments
<p><b>Commercial, domestic, industrial and public buildings including</b> barracks, factories, farm buildings, food processing/handling establishments, hospitals, hotels and motels, offices, residential homes, restaurants, schools, shops, storerooms, transportation equipment such as aircraft, boats, buses, ships, trains, warehouses and other situations which fall within the above definitions including outdoor or external areas associated with such establishments</p> <p><b>On surfaces including</b> cement (painted, unpainted and rendered), ceramic tiles, painted plasterboard, steel (stainless and enamelled), wood (painted and unpainted).</p>	Spiders	40-80ml /10L	Where a higher rate is stated use this 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 target pests hide, frequent and rest.
	Cockroaches (inc American and German)	80-160ml /10L	On non-porous surfaces apply as a coarse spray at the rate of 1L of emulsion per 20m <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 the rate of 1L of emulsion per 10m <sup>2</sup> ensuring thorough coverage of the treated surfaces. When treating porous surfaces do not exceed the point of run-off.
	Ants	80-160ml /10L	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. To control ants apply to trails and nests. Repeat as necessary.
	Mosquitoes, Biting Midges, Fleas, Flies and Ticks (Adults & Nymphs)	80-160ml /10L	<b>NOTE: when treating only for housefly use the higher rate and shorten application intervals</b> 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.  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 10L per 100m <sup>2</sup> . Higher volumes of water may be needed if organic matter is present or foliage is dense.
	Papernest wasps	80ml /10L	Apply prepared emulsion directly to the papernest ensuring thorough and even coverage. When applying emulsion do not exceed the point of run-off. When all adult wasps have been knocked-down the nest may be safely removed from the structure.

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

### **GENERAL INSTRUCTIONS**

**BIFLEX MIKRON** is a Micro Emulsion (ME) formulation to be mixed and diluted with water and applied as a residual spray for control of various pests including ants, cockroaches, flies and spiders as well as other crawling and flying pests. **BIFLEX MIKRON** will control pests by direct contact and residual activity on treated surfaces. When applied as a surface spray as directed, **BIFLEX MIKRON** will give up to 3 months control of listed pests.

**BIFLEX MIKRON** is a highly advanced Mikron liquid formulation that's completely clear once mixed. **BIFLEX MIKRON** won't leave cloudy residues and is safe to most surfaces water alone can be safely applied. **BIFLEX MIKRON** doesn't settle out like some other formulations can, ensuring the active ingredient remains evenly distributed in the tank at all times.

### **MIXING**

1. Half fill the spray tank with water.
2. Shake **BIFLEX MIKRON** before use.
3. Measure the required amount of **BIFLEX MIKRON** using the label recommended rates.
4. Pour the measured dose of **BIFLEX MIKRON** into the sprayer.
5. Add the remaining water, close sprayer, shake and pump to correct pressure and apply spray.

### **APPLICATION**

Where a higher rate is stated use this 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 target pests hide, frequent and rest.

On non-porous surfaces apply as a coarse spray at the rate of 1L of emulsion per 20m<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 the rate of 1L of emulsion per 10m<sup>2</sup> ensuring thorough coverage of the treated surfaces. When treating porous surfaces do not exceed the point of run-off.

The use of this product in a tank with other insecticides is not recommended as the behaviour and efficacy of the product may be affected. Ensure equipment is free of leaks and clean from residues of other chemicals before mixing. Mix only the amount of dilution needed for the application.

**Application to ornamental plants acting as harbourage sites** - Some plant species and varieties are particularly sensitive to chemical sprays. Since this is often related to local conditions it is strongly advised all such applications should be preceded by an application to small sections of foliage to establish plant safety and tolerance.

### **INSECTICIDE RESISTANCE WARNING**

<b>GROUP</b>	<b>3A 4A</b>	<b>INSECTICIDE</b>
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For insecticide resistance management **BIFLEX MIKRON** Insecticide is a Group 3A and 4A insecticide. Some naturally occurring insect biotypes resistant to **BIFLEX MIKRON** and other Group 3A and 4A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if **BIFLEX MIKRON** or other Group 3A or 4A insecticides are used repeatedly. The effectiveness of **BIFLEX MIKRON** 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 MIKRON** to control insects. **BIFLEX MIKRON** may be subject to specific resistance management strategies. For further information contact your local supplier, FMC representative or local agricultural department agronomist.

### **PRECAUTIONS**

Cover all foodstuffs before application. **DO NOT** allow spray to contact food, food preparation surfaces and utensils. When using around farm buildings do not spray directly onto livestock, their food, water, litter, feed bins or surfaces accessible to stock.

**Before Use:** Remove or cover all exposed foodstuff. Cover all dishes and utensils and surfaces where food is prepared. Remove animals, remove or cover all exposed stock feed, feed and water containers and troughs, places where stock feed is prepared or stored, and milking equipment.

**After Use:** Thoroughly ventilate treated areas. Clean up thoroughly before processing/serving resumes.

#### **RE-ENTRY**

DO NOT enter treated areas until the spray has dried. If prior entry is necessary, wear protective clothing and chemical resistant gloves. Clothing must be laundered after each day's use. If areas treated are readily accessible by the public, a suitable DO NOT ENTER – CHEMICAL SPRAYING IN PROGRESS warning sign should be erected, until the spray has dried.

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

Toxic to native mammals and birds. DO NOT use on sites where vulnerable, threatened, endangered or critically endangered species are known to occur.

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers. Cover or remove fish ponds, aquariums, etc before spraying.

#### **PROTECTION OF HONEYBEES AND OTHER INSECT POLLINATORS**

Moderately toxic to bees. Acetamiprid has systemic action. DO NOT apply to vegetation that has flowers attractive to bees.

DO NOT spray when bees are actively foraging. DO NOT allow spray drift to flowering plants in the vicinity of the treatment area. Risks to bees is reduced by spraying in early morning and late evening while bees are not foraging.

#### **STORAGE AND DISPOSAL**

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

#### **SAFETY DIRECTIONS**

May irritate the eyes. Avoid contact with eyes. When preparing the spray and using the prepared spray wear:  
• cotton overalls buttoned to the neck and wrist (or equivalent clothing)  
Wash hands after use. After each day's use, wash contaminated clothing.

#### **FIRST AID**

If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131 126; New Zealand 0800 764 766. If in eyes, hold eyes open, flood with water for at least 15 minutes **and see a doctor**.

#### **SAFETY DATA SHEET**

If additional hazard information is required refer to the Safety Data Sheet. For a copy phone 1800 066 355, or visit our website at [www.FMC.australiasia.com.au](http://www.FMC.australiasia.com.au)