

**STORAGE AND DISPOSAL (1L, 2L, 5L, 10L, 20L & 200L only)**

Store in the closed, original container in a cool, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Triple or preferably pressure rinse empty containers before disposal or recycling. 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 500mm in a disposal pit specifically marked and set up for this purpose clean of water ways, desirable vegetation and tree roots. Empty containers and product should **NOT** be burnt.

**Envirodrum - Micro Matic Valve (110L)**

Store the original sealed Envirodrum in a cool, well ventilated area. **DO NOT** store for prolonged periods in direct sunlight. **DO NOT** tamper with the Micro Matic valve or the security seal. **DO NOT** contaminate the Envirodrum with water or any other foreign matter. After each use of the product please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase. The Envirodrum remains the property of Imtrade Australia Pty Ltd.

**Refillable containers (1000L only)**

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

**SAFETY DIRECTIONS**

Poisonous if swallowed. Attacks eyes. Will irritate the skin. Avoid contact with eyes and skin. **DO NOT** inhale spray mist. When preparing spray, wear cotton overalls buttoned to the neck and wrist and washable hat, elbow-length PVC gloves and goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist and washable hat and elbow length PVC gloves. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (*Phone Australia 13 11 26*). If swallowed, **DO NOT** induce vomiting. Give a glass of water.

Refer to attached Leaflet for additional GHS Hazard & Precautionary Statements

**SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet which can be obtained from your supplier or Imtrade Australia Pty Ltd website at [www.imtrade.com.au](http://www.imtrade.com.au)

**CONDITIONS OF SALE**

Imtrade Australia Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Imtrade's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Imtrade Australia Pty Ltd has any authority to add to or alter these conditions.

# POISON

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

**IMTRADE**

# BIFENTHRIN 100 EC

**INSECTICIDE****ACTIVE CONSTITUENT: 100g/L BIFENTHRIN****SOLVENT: 763 g/L HYDROCARBON LIQUID****GROUP 3A INSECTICIDE**

For the control of *Helicoverpa* spp. in cotton, tomatoes, lucerne seed crops, navy beans; certain species of mites in bananas, cotton and tomatoes; longtailed mealy bug in pears; banana weevil borer and banana rust thrips in bananas; mirids in cotton; whitefly in tomatoes; redlegged earth mite, blue oat mite, bryobia mite, webworm and brown pasture looper in faba beans, subterranean clover, clover, canola, wheat, barley, field peas, lupins and lucerne; and certain species of wireworms in cotton and sugarcane; fig longicorn in grapes and citrus leaf eating weevil in citrus as per the Directions for Use table.

**Important: Read the attached Leaflet before use.****FORM  
EC****CONTENTS  
1L-1000L**

Batch No.  
DOM:

**IMTRADE**  
CropScience

17 Ocean St, Kwinana Beach WA 6167  
08 9419 0333 | [www.imtrade.com.au](http://www.imtrade.com.au)

UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains BIFENTHRIN)
	In a Transport Emergency Dial 000 Police or Fire Brigade
PG III	HAZCHEM +3X

APVMA Approval No: 63640/106760



# POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



## IMTRADE BIFENTHRIN 100 EC INSECTICIDE

ACTIVE CONSTITUENT: 100g/L BIFENTHRIN

SOLVENT: 763 g/L HYDROCARBON LIQUID

**GROUP 3A INSECTICIDE**

For the control of *Helicoverpa* spp. in cotton, tomatoes, lucerne seed crops, navy beans; certain species of mites in bananas, cotton and tomatoes; longtailed mealy bug in pears; banana weevil borer and banana rust thrips in bananas; mirids in cotton; whitefly in tomatoes; redlegged earth mite, blue oat mite, bryobia mite, webworm and brown pasture looper in faba beans, subterranean clover, clover, canola, wheat, barley, field peas, lupins and lucerne; and certain species of wireworms in cotton and sugarcane; fig longicorn in grapes and citrus leaf eating weevil in citrus as per the Directions for Use table.

**IMPORTANT: READ THIS LEAFLET THOROUGHLY  
BEFORE OPENING OR USING THIS PRODUCT**

**APVMA Approval No: 63640/106760**

Imtrade Australia Pty Ltd

ABN 13 090 151 134

17 Ocean Street, Kwinana WA 6167

Tel: 1800 171 799 Fax: 1800 171 788

Web: [www.imtrade.com.au](http://www.imtrade.com.au)

## DIRECTIONS FOR USE

### RESTRAINTS:

**DO NOT** use as a foliar spray in banana plantations and orchards where mite predators or other beneficial are established providing effective mite control or other pest control.

**DO NOT** apply as a foliar treatment if rainfall is expected before spray deposits dry on leaf surfaces.

**DO NOT** apply to bananas by aircraft.

CROP	PEST	STATE	RATE	WHP	CRITICAL COMMENTS
Bananas	Banana weevil borer ( <i>Cosmopolites sordidus</i> )  Banana rust thrips ( <i>Chaetanaphothrips signipennis</i> )	Qld, NSW, WA, NT only	<u>Seasonal Program</u>  <u>Stool Treatment Method</u>  250-330 mL/100L twice per year  OR  660 mL/100L once per year  <u>Band Treatment Method</u>  250 mL/100L twice per year	1 day	<b>Seasonal Program</b> <b>Twice per year timing:</b> Apply in October/November (spring/early summer) and March/April (late summer/autumn). Use the higher rate (concentration) when borer pressure or damage is high . <b>Once per year Timing:</b> Apply in October/November or March/April. <b>Monitoring Program:</b> Monitor weevil borer populations carefully by trap counts and/or corn damage ratings, beginning in September when pest activity is on the increase and continue until April. Apply treatment when banana weevil borers reach or exceed acceptable threshold levels. Monitor borer control after application and re-treat as required. <b>Banana weevil borer:</b> Application should be made after rain or irrigation during periods of high adult borer activity. <b>Banana rust thrips:</b> Application against banana weevil borer will give coincident rust thrips control, particularly when application is made when thrips activity is on the increase usually beginning September and into the summer months.

*continued next page*

CROP	PEST	STATE	RATE	WHP	CRITICAL COMMENTS
Bananas ( <i>contd</i> )	Banana weevil borer ( <i>Cosmopolites sordidus</i> )	Qld, NSW, WA, NT only	<u>Monitoring Program</u>  <u>Stool Treatment Method</u>  330 mL/100L  <u>Band Treatment Method</u>  250 mL/100L	1 day	<b>Application Method: <u>Stool Treatment Application:</u></b> Remove trash from the base of the stools and apply 500-750mL of spray solution to each stool, depending on stool size. Treat the bottom 30cm of each stool as well as the soil in a 30cm band around each stool, ensuring thorough treatment of both butt(s) and follower(s). Use the lower spray volume of 500mL on small stools less than 50cm across the entire base. <b><u>Band Treatment Application:</u></b> Apply as a band application with a side delivery boom and offset nozzles on both sides of the row with the spray pattern positioned to spray 30cm of soil on either side of the row and 30cm in height. Aim to apply a total spray volume of 1L/stool area. For single sucker row configurations apply 28L of solution per 100 metres of row in a band 0.5m wide on each side of the row overlapping in the centre. For double sucker row configurations apply 56L of solution per 100 metres of row in a band 1m wide on each side of the double row with the spray pattern overlapping between the rows.
	Strawberry spider mite ( <i>Terranychus lambi</i> )	Qld & WA only	40 mL/100L	8 days	Monitor mite population on old leaves particularly during hot dry conditions. Apply Imtrade Bifenthrin 100 EC Insecticide as a preventative rather than a curative treatment before damage occurs, and before mite numbers build up to damaging levels. Follow up applications may be required at 10-14 day intervals. Thorough coverage of the lower leaf surface is essential to ensure good control. Use a total spray volume of 300-500L/ha.

CROP	PEST	STATE	RATE	WHP	CRITICAL COMMENTS
Cotton	Native budworm ( <i>Helicoverpa punctigera</i> ) Cotton bollworm ( <i>Helicoverpa armigera</i> ) Two spotted mite ( <i>Tetranychus urticae</i> ) Green mirid ( <i>Creontiades dilutus</i> ) Apple dimpling bug ( <i>Campylomma liebknechti</i> )	Qld, NSW & WA only	600 – 800 mL/ha	14 days (H)  DO NOT CUT OR GRAZE FOR STOCK FEED  DO NOT FEED COTTON TRASH TO LIVESTOCK	Apply as indicated by field checks. Use the higher rate when pest pressure is high, conditions favour pest development and when increased residual protection is required. <b>Budworm and Bollworm:</b> Applications should be timed to coincide with egg hatch and when small larvae up to 5mm are present. <b>DO NOT</b> apply this product to <i>Helicoverpa</i> (= <i>Heliothis</i> ) <i>armigera</i> larvae larger than 5mm in length. <b>Two spotted mite:</b> Applications against <i>Helicoverpa</i> spp. will give good control of coincident two spotted mite, particularly when applied in low mite populations (around 10% leaf infestation). If conditions continue to favour mite development a second application may be required 14-20 days later. <b>Green Mirid &amp; Apple dimpling bug:</b> Apply at recommended threshold levels as indicated by field checks. Use the higher rate for increased pest pressure and longer residual protection.
	False wireworm ( <i>Pterohlaeus alternatus</i> ) Sugarcane wireworm ( <i>Agrypnus variabilis</i> )		375 mL/ha* or 3.8 mL/100m of row		<b>Wireworms:</b> Apply as a spray into the furrow at planting. Use a spray nozzle which will deliver a coarse spray in a total volume of 60-100L/ha in a 10cm band over the seed before soil is brought in behind covering tyres in front of the press wheel. *The rate is based on a 1m row spacing. If row spacing varies from 1m then apply at the use rate according to mL/100m of row.

CROP	PEST	STATE	RATE	WHP	CRITICAL COMMENTS
Faba Beans, Subterranean Clover, Clover, Barley, Canola, Field Peas, Lupins, Lucerne & Wheat	Redlegged earth mite ( <i>Halotydeus destructor</i> )	All States	50-100 mL/ha	4 weeks (G)	Apply as a broadcast ground rig application in a total water volume of 50-200L/ha or by air in a minimum total water volume of 20L/ha. Apply to bare soil after conventional cultivation and sowing or onto well grazed or sprayed pasture after direct drilling. Treat infested paddocks after sowing and before or soon after seedling emergence. Use the higher rate on heavier infestations and for longer residual protection. Imtrade Bifenthrin 100 EC Insecticide is compatible with some herbicides. See compatibility statement for details.
	Brown pasture looper ( <i>Ciampa arietaria</i> )		100 mL/ha		
	Blue oat mite ( <i>Penthaleus major</i> ) Pasture webworm ( <i>Hednota</i> spp.)		200 mL/ha		
Citrus	Bryobia mites ( <i>Bryobia</i> spp.)	All States			
	Leafeating weevil ( <i>Eutinophaea bricristata</i> )				
			<b>Pre-emergence Program</b> 12.5 or 25 mL/ tree  <b>Post-emergence Monitoring Program</b> 6 mL/tree		Apply as a high volume band application in a 1.5 to 2 metres swath, to the ground, both sides of the row, under each tree. Aim to apply a total spray volume of 5 to 10L/tree (eg. At 250 trees/ha = 1250 to 2500L/ha) <b>Pre-emergence program:</b> Apply just prior to, or at the first sign of major beetle emergence in mid-October. Use the higher rate in blocks with a history of high beetle numbers or when longer residual control is required. <b>Post-emergence monitoring program:</b> Apply at peak beetle emergence in October / November as indicated by field monitoring. (Refer to monitoring statement on label). Follow up treatment may be necessary based on a threshold of 25 beetles per 10 sites per orchard in consecutive counts 1-2 weeks apart.

CROP	PEST	STATE	RATE	WHP	CRITICAL COMMENTS
Grapes	Fig longicorn ( <i>Acalolepta vastator</i> )	NSW & WA only	1000 mL/100L	–	The application <b>MUST</b> be made at late dormancy after pruning and before bud burst. Apply a single high volume spray, with nozzles directing the spray solution to the trunk and cordons (arms) of grapevines to achieve thorough wetting of the bark. Total spray volume should be about 500 mL/vine achieved by hand application.
Lucerne seed crops	Native budworm ( <i>Helicoverpa punctigera</i> )	All States	400-600 mL/ha	–	<b>DO NOT</b> treat lucerne seed crops for alfalfa sprout production. Apply as indicated by field checks after the commencement of flowering. Use the higher rate when pest pressure is high, conditions favour pest development and when increased residual protection is required. <b>Native budworm:</b> Applications should be timed to coincide with egg hatch and when small larvae up to 5mm are present.
Navy Beans	Native budworm ( <i>Helicoverpa punctigera</i> ) Corn earworm ( <i>Helicoverpa armigera</i> )	All States	600-800 mL/ha	14 days (H) and (G)	Apply as indicated by field checks from flowering onwards. Use the higher rate when pest pressure is high, conditions favour pest development and when increased residual protection is required. <b>Budworm and Earworm:</b> Applications should be timed to coincide with egg hatch and when small larvae up to 5mm are present. <b>DO NOT</b> apply this product to <i>Helicoverpa</i> (= <i>Heliothis</i> ) <i>armigera</i> larvae larger than 5mm in length.

CROP	PEST	STATE	RATE	WHP	CRITICAL COMMENTS
Pears	Longtailed mealybug ( <i>Pseudococcus longispinus</i> )	Vic & WA only	25 mL/100L plus Spray Oil at 1L/100L	14 days	Examine wood for presence of over wintering longtailed mealy bugs but do not spray until large numbers of young nymphs emerge in spring. Apply this mixture to near the point of run-off to all above ground parts of the tree between green tip to commencement of flowering. <b>DO NOT</b> spray after flowering has commenced.
Sugarcane	Sugarcane wireworm ( <i>Agrypnus</i> spp.)	Qld, NSW & WA only	375 mL/ha* or 5.6 mL/100m of row	–	Apply as a spray into the furrow at planting. Use a spray nozzle, which will deliver a coarse spray in a total volume of 60-100L/ha in a band 20-30cm wide over the base of the furrow on top of the setts and before covering soil is brought in by tynes. *The rate is based on a 1.5m row spacing. If row spacing varies from 1.5m then apply at the use rate according to mL/100m of row.



CROP	PEST	STATE	RATE	WHP	CRITICAL COMMENTS
Tomatoes	Native budworm ( <i>Helicoverpa punctigera</i> ) Corn earworm ( <i>Helicoverpa armigera</i> ) Two spotted mite ( <i>Tetranychus urticae</i> ) Tomato russet mite ( <i>Aculops lycopersici</i> )	All States	High Volume 40-60 mL/100L or Low Volume 600 mL/ha	1 day	<p><b>DO NOT</b> use low volume ground or air application on trellis tomatoes.</p> <p><b>Crop Monitoring Program:</b>  <b>Helicoverpa spp:</b> Apply as indicated by field checks. Applications should be timed to coincide with egg hatch and when small larvae up to 5mm are present.  <b>DO NOT</b> apply this product to <i>Helicoverpa</i> (= <i>Heliothis</i>) <i>armigera</i> larvae larger than 5mm in length.  <b>Mites:</b> Applications against <i>Helicoverpa</i> spp will give good control of coincident mites, particularly when applied on low mite populations. If conditions continue to favour mite development, a second application may be required 14 -20 days later.</p> <p><b>Schedule Spray Program</b>  If fields are not checked during pest infestation periods, apply on a 7-10 day alternating program with a non-pyrethroid insecticide. Use the higher rate (high volume application) and shorter interval when pest infestation is more severe and when increased residual protection is required.  <b>DO NOT</b> apply this product to <i>Helicoverpa armigera</i> larvae larger than 5mm in length.</p>
	Whitefly ( <i>Trialeurodes vaporariorum</i> )		30 mL/100L water		Apply as indicated by pest incidence and repeat as necessary. Use a total spray volume of 2500L/ha.

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

**WITHHOLDING PERIODS:**

**BANANAS:**

**For Ground Applications - DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.**

**For Foliar Applications - DO NOT HARVEST FOR 8 DAYS AFTER APPLICATION.**

**COTTON:**  
**DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.**  
**DO NOT GRAZE OR CUT FOR STOCKFEED.**  
**DO NOT FEED COTTON TRASH TO LIVESTOCK.**

**NAVY BEANS, PEARS: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.**

**TOMATOES: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.**

**SUBTERRANEAN CLOVER,  
CLOVER, FIELD PEAS,  
FABA BEANS, WHEAT,  
BARLEY, LUCERNE,  
AND LUPINS: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION.**

**CITRUS, GRAPES: NOT REQUIRED WHEN USED AS DIRECTED.**

## GENERAL INSTRUCTIONS

Imtrade Bifenthrin 100 EC Insecticide is a contact and residual insecticide/miticide. It can be used as a protective treatment when applied at regular intervals or as a knockdown treatment to control existing pests. Best results are obtained when Imtrade Bifenthrin 100 EC Insecticide is applied before pest populations build up to damaging levels. This product is not suitable for use in Integrated Pest Management (IPM) programs where mite or other insect predators or parasites are established and providing effective mite and other insect control.

### Application

Imtrade Bifenthrin 100 EC Insecticide may be applied by either ground rig or aircraft. Thorough coverage is essential to ensure adequate control. **DO NOT** apply as a fog or mist.

## 1. Tree and Vine Crops

### Mixing/Application

#### DILUTE SPRAYING

Use a sprayer designed to apply high volumes of water up to the point of runoff and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive runoff. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice. Add the amount of product specified in the Directions for Use table for each 100L of water. Spray to the point of run-off. The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

#### CONCENTRATE SPRAYING

Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of runoff) and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume. Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate. The mixing rate for concentrate spraying can then be calculated in the following way:

#### EXAMPLE ONLY

- (i) Dilute spray volume as determined above: For example 1500L/ha
- (ii) Your chosen concentrate spray volume: For example 500L/ha
- (iii) The concentration factor in this example is:  $3 \times$  (i.e.  $1500\text{L} \div 500\text{L} = 3$ )
- (iv) If the dilute label rate is 10 mL/100L, then the concentrate rate becomes  $3 \times 10$ , that is 30 mL/100L of concentrate spray.

The chosen spray volume, amount of product per 100L of water, and the sprayer set up and operation may need to be changed as the crop grows. For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

## 2. Other Crops

**Ground application:** Applications should be made as a fine spray preferably using hollow cone nozzles and a droplet size of 150 to 200 microns. The application volume will depend on the type of crop to be treated. The following are suggested:

- Low volume broad acre applications to e.g. cereals, canola, grain legumes, lucerne, subterranean clover: 50-200L/ha.
- Low volume row crops applications to cotton, tomatoes, navy beans: 50-200L/ha.
- High volume applications to row crops e.g. trellised tomatoes: 200-1000L/ha except as noted in critical comments. Use 200L/ha from transplanting increasing to 1000L/ha at maturity.
- High volume directed spray: Grapes: Apply by hand application using a high volume coarse spray of 500 mL/vine (e.g. at approx. 2500 vines/ha = 1250L/ha).

### **Soil Applied Sprays:**

#### High volume application

##### **Bananas:**

Stool treatment: Apply as a coarse spray at 500-750 mL per stool.

Band treatment: Apply as a band application with a side delivery boom and offset nozzles - 1L of spray solution per stool.

**Citrus:** Apply as a high volume, directed spray to the ground under each tree. For optimum control apply to both sides of the tree. Total spray volume should be 5 to 10L/tree (e.g. at 250 trees/ha = 1250 to 2500L/ha).

#### In furrow applications

**Cotton and Sugarcane:** Use a coarse spray: 60 to 100L/ha as a band over the seed or sett before covering with soil - refer to critical comments for details.

##### **Aerial Application:**

Use at least 20L/ha of total spray solution. Spray during the cooler parts of the day or night. To reduce the possibility of drift, avoid spraying in calm conditions or when wind is light and variable. Preferably, spray in a crosswind. Use suitable application equipment and/or nozzles to deliver a fine spray with a droplet size of 150 to 200 microns. A spray drift minimisation strategy should be employed at all times when aurally applying sprays to, or near, sensitive areas. The strategy envisaged is best exemplified by the cotton industry's Best Management Practice manual.

##### **Monitoring**

Post-emergence monitoring of Citrus leaf eating weevil populations: At first sign of major beetle emergence in mid October commence monitoring at 1 to 2 week intervals. Place polystyrene fruit box (330 x 480mm) under tree, shake branches vigorously, repeat on ten randomly selected trees throughout the orchard. If 25 beetles or more are recorded in consecutive counts, treatment is required.

##### **Mixing**

Add the required quantity of Imtrade Bifenthrin 100 EC Insecticide to water in the spray tank and mix thoroughly. Maintain agitation during mixing and application.

##### **Compatibility**

Imtrade Bifenthrin 100 EC Insecticide is compatible with commonly used fungicides such as Dithane M45\*, Antracol, Check-Out 500\* and the Herbicides Paraquat 250, Broadstrike\*, Spinnaker\*, Simazine 900 WDG, Bouncer\*, Chlorsulfuron, Triasulfuron and Pendimethalin.

##### **Surfactants**

Imtrade Bifenthrin 100 EC Insecticide contains a surfactant. Additional surfactant may only be necessary on hard to wet plants and in high volume situations.

## INSECTICIDE RESISTANCE WARNING

### GROUP 3A INSECTICIDE

For insecticide resistance management Imtrade Bifenthrin 100 EC Insecticide is a Group 3A Insecticide. Some naturally occurring insect biotypes resistant to Imtrade Bifenthrin 100 EC 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 these insecticides are used repeatedly. The effectiveness of Imtrade Bifenthrin 100 EC Insecticide on resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use, Imtrade Australia Pty Ltd accepts no liability for any loss that may result from the failure of Imtrade Bifenthrin 100 EC Insecticide to control resistant insects. Imtrade Bifenthrin 100 EC Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier, Imtrade Australia Pty Ltd, representative or local agricultural department agronomist.

#### \* NOTICE \*

*Helicoverpa* (= *Heliothis*) *armigera* resistance in Northern NSW and Qld. To help contain pyrethroid resistance in *H. armigera* the Summer Crop Insecticide strategy as developed by the Qld Department of Primary Industries and NSW Agriculture should be adhered to. Failure to observe the strategy may result in widespread resistance affecting the future viability of summer cropping.

#### RE-ENTRY TO TREATED FIELDS/CROPS

**DO NOT** re-enter treated field/crop until spray deposits have dried, unless wearing suitable protective clothing (i.e. waterproof hat, overalls, boots and gloves).

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

**Dangerous to fish and aquatic organisms. DO NOT** contaminate dams, streams, waterways or drains with product or the used container. Tail drains which flow from treated areas should be prevented from entering river systems.

#### PROTECTION OF LIVESTOCK

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

#### STORAGE AND DISPOSAL (1L, 2L, 5L, 10L, 20L & 200L only)

Store in the closed, original container in a cool, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Triple or preferably pressure rinse empty containers before disposal or recycling. 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 500mm in a disposal pit specifically marked and set up for this purpose clean of water ways, desirable vegetation and tree roots. Empty containers and product should **NOT** be burnt.

### **Envirodrum - Micro Matic Valve (110L)**

Store the original sealed Envirodrum in a cool, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight. **DO NOT** tamper with the Micro Matic valve or the security seal. **DO NOT** contaminate the Envirodrum with water or any other foreign matter. After each use of the product please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase.

### **Refillable containers (1000L only)**

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

### **SAFETY DIRECTIONS**

Poisonous if swallowed. Attacks eyes. Will irritate the skin. Avoid contact with eyes and skin. **DO NOT** inhale spray mist. When preparing spray, wear cotton overalls buttoned to the neck and wrist and washable hat, elbowlength PVC gloves and goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist and washable hat and elbow length PVC gloves. If product is in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

### **FIRST AID**

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

#### **Additional GHS Hazard & Precautionary Statements**

●Combustible liquid; ●May be fatal if swallowed and enters airways; ●May cause an allergic skin reaction; ●May cause respiratory irritation; ●Suspected of causing cancer; ●Causes damage to the nervous system through prolonged or repeated exposure; ●Toxic to aquatic life with long-lasting effects; ●Keep away from heat, sparks, open flames and hot surfaces – No smoking; ●Avoid breathing fumes, vapours; ●**DO NOT** get on clothing; ●Wash contacted areas thoroughly after handling; ●**DO NOT** eat, drink or smoke when using this product; ●Use only outdoors or in a well-ventilated area; ●**IF ON SKIN:** Wash with plenty of soap and water; ●**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing; ●If skin irritation occurs: Get medical advice; ●If eye irritation persists: Get medical advice; ●In case of a fire, use carbon dioxide, dry chemical, foam, water fog; ●Store locked up.

### **SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet which can be obtained from your supplier or Imtrade Australia Pty Ltd website at [www.imtrade.com.au](http://www.imtrade.com.au)

## CONDITIONS OF SALE

Imtrade Australia Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Imtrade's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Imtrade Australia Pty Ltd has any authority to add to or alter these conditions.

\*Other Registered Trademarks

<b>UN 3082</b>	<b>ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (contains BIFENTHRIN)</b>
<b>IN A TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE</b>	
<b>PG III</b>	<b>HAZCHEM •3Z</b>

APVMA Approval No: 63640/106760

