

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



**Starycide**®

**INSECT GROWTH REGULATOR**

**ACTIVE CONSTITUENT: 48 g/L TRIFLUMURON**

**GROUP 15 INSECTICIDE**

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For the control of silverfish, immature fleas and cockroaches in indoor and outdoor situations, and container breeding mosquitoes outdoors.

**IMPORTANT:** Read the attached booklet before use.

**1 L, 2.5 L, 5 L**

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**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 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 or shred and deliver empty packaging for appropriate disposal 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 Local, State or Territory government regulations. DO NOT burn empty containers or product. DO NOT re-use empty containers for any other purpose.

**SAFETY DIRECTIONS**

Will irritate the nose, throat and skin. Avoid contact with skin. DO NOT inhale spray mist. When opening the container and preparing spray wear elbow length PVC gloves. Wash hands after use. After each day's use wash gloves.

**FIRST AID**

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

**SAFETY DATA SHEET**

Additional Information is listed in the Safety Data Sheet which is available at [www.environmentalscience.bayer.com.au](http://www.environmentalscience.bayer.com.au).

**Exclusion of Liability**

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Bayer CropScience Pty. Ltd. accepts no liability or responsibility for loss or damage from failure to follow such directions and instructions.

**IMPORTANT: READ THIS BOOKLET BEFORE USE**

APVMA Approval No.: 61251/59328

Cislin<sup>®</sup>, Tempo<sup>®</sup>, Temprid<sup>®</sup> and Starycide<sup>®</sup> are Registered Trademarks of the Bayer Group.

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(Drummuster logo on 2.5 L and 5 L containers only)

For 24 hour specialist advice in an emergency only phone 1800 033 111

Batch Number:

DOM:

Barcode

**DIRECTIONS FOR USE****RESTRAINTS**

DO NOT spray directly on humans, pets, exposed food or food utensils.

DO NOT use on water intended for human consumption.

DO NOT allow spray or containers to get into streams, ponds, drains or sewers.

DO NOT apply to mosquito breeding sites that may be used for drinking water or contains plants.

<b>SITUATIONS</b>	<b>PEST</b>	<b>RATE</b>	<b>CRITICAL COMMENTS</b>
Domestic, commercial, industrial and public buildings: - including food processing establishments, shops, factories, ships, offices, schools, storerooms, hospitals, barracks, private houses and external areas associated with such establishments	Flea larvae	5 ml / L / 10 m <sup>2</sup>	Thoroughly spray all infested areas. It is recommended that premises are vacuumed and contents of vacuum bag removed before treatment takes place. This is particularly important where adult fleas are present. Ensure pets are treated with a suitable registered insecticide to avoid re-infestation of the treated premises.  Exterior Use: Prewetting the soil with a garden hose may be required on very dry soil.
	Immature cockroaches	10 – 20 ml / L water	When treating for cockroaches apply thoroughly to cracks, crevices and other places where cockroaches may hide and breed. Apply to point of run-off. The lower (10 mL/L) rate will be effective in most situations for a full season. Use the higher rate under difficult conditions or where more than season long control is required.
	Silverfish		When treating for silverfish apply thoroughly to surfaces in cupboards, cracks, crevices and other places frequented by silverfish. Apply to point of run-off.
Containers around buildings and structures which collect rainwater and function as mosquito breeding sites	Container breeding mosquito larvae such as <i>Aedes aegypti</i>	10 - 20 ml / L water	Apply as a residual spray to the inside of potential breeding sites, e.g. inside of containers, car tyres, holes in trees, etc. where rain water can collect. Use the higher rate when longer residual action is required. Repeat application where excessive rain has diluted the initial application.

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

**GENERAL INSTRUCTIONS**

**Starycide® Insect Growth Regulator** is a slow acting insect growth regulator which has its greatest effect on early juvenile stages of insects. Applied to breeding areas, **Starycide® Insect Growth Regulator** will assist in preventing pest populations from building up to problem levels.

Where quick action is required the use of a knockdown product as a tank mix with **Starycide® Insect Growth Regulator** is recommended. **Starycide® Insect Growth Regulator** is compatible with most adulticides such as **Cislin®**, **Tempo®** and **Temprid®**. As an insect growth regulator, without the excito-repellent action of a synthetic pyrethroid **Starycide® Insect Growth Regulator** will also complement treatment with gel baits for cockroach control.

If used alone on established pest populations, it will take several weeks for populations to decline to acceptable levels (3-4 weeks for fleas and 1-2 months for cockroaches). **Starycide® Insect Growth Regulator** should only be used alone when the pest population has already been reduced by other measures or when the property owner is willing to accept a slow action.

**Mixing:**

Shake product well before use. Mix **Starycide® Insect Growth Regulator** in the required amount of water or prepared knockdown product to uniformly and accurately apply the required amount.

**Application:**

DO NOT spray the moving parts of any machinery, electric motors or switchgear with the water-based product.

**PRECAUTIONS**

Before use - remove or cover all exposed foodstuffs; cover all dishes and utensils, and places where food is prepared or stored.

After use - thoroughly ventilate treated area. Clean up thoroughly before processing/serving resumes.

When using in animal houses DO NOT spray directly onto livestock, their food, water, litter, feed bins, or surfaces that are accessible to the stock.

DO NOT spray directly on humans, exposed food or food utensils or food preparation areas.

Avoid contact of spray with timber to which a stain is subsequently to be applied, unless the owner is notified that the timber will need additional preparation, consistent with that if water alone had contacted the timber. (Evidence of water contact on timber is sometimes only evident once the stain has been applied).

DO NOT apply to mosquito breeding sites that may be used for drinking water or contains plants.

**INSECTICIDE RESISTANCE WARNING**

<b>GROUP</b>	<b>15</b>	<b>INSECTICIDE</b>
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For insecticide resistance management **Starycide** is a Group 15 insecticide. Some naturally occurring insect biotypes resistant to **Starycide** and other Group 15 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if **Starycide** or other Group 15 insecticides are used repeatedly. The effectiveness of **Starycide** on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Bayer CropScience Pty. Ltd. accepts no liability for any losses that may result from failure of **Starycide** to control resistant insects.

For further information on managing insecticide resistance contact your local supplier or Bayer Environmental Science representative.

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

Dangerous to non-target insects, fish, yabbies and other aquatic and soil arthropods. DO NOT contaminate dams, drains, ponds, creeks and other waterways with the product or used containers.

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