

DANGER
KEEP OUT OF REACH OF CHILDREN

Starycide[®] Insect Growth Regulator

ACTIVE INGREDIENT: 48 g/L TRIFLUMURON
in the form of a suspension concentrate

Net contents 1 L

For the control of silverfish, immature fleas and cockroaches in indoor and outdoor situations.

IMPORTANT: Read the attached booklet before use.

APPROVED PURSUANT TO THE HSNO ACT 1996, No. HSR008007

See www.epa.govt.nz for approval controls

MPI Approved Type B (All animals product except dairy)

MPI approved for use in farm dairies and recognised for use in dairy processing



READ LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN

Starycide® Insect Growth Regulator



HAZARD CLASSIFICATIONS

Skin sensitisation Category 1, Carcinogenicity Category 1, Hazardous to the aquatic environment (acute) Category 1, Hazardous to the aquatic environment (chronic) Category 1. May cause an allergic skin reaction. May cause cancer.

TOXICITY

Causes serious eye irritation. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure.

ECOTOXICITY

Very toxic to aquatic life with long lasting effects.

Take all reasonable steps to ensure that this product does not cause any significant adverse effects to the environment beyond the application area. Do not apply directly into or onto water. Toxic to bees. Do not apply this product to plants if bees are foraging or the plants are in flower or part flower and are likely to be visited by non-target invertebrate pollinators (including bees).

Starycide application is limited to ground-based application only.

SAFETY DIRECTIONS

Do not handle until all safety precautions have been read and understood. Do not eat drink or smoke when using this product.

When handling wear eye protection, face protection, protective clothing and protective gloves. Do not breathe mist or vapours. Wash hands and face thoroughly after use. After each day's use wash gloves and contaminated clothing.

Contaminated work clothing should not be allowed out of the workplace.

STORAGE

Store in tightly closed, original container in a safe, well-ventilated area, as cool as possible away from foodstuffs. Store locked up. Do not store for prolonged periods in direct sunlight. When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of product which is older than this.

SPILLS AND DISPOSAL

DO NOT contaminate streams, rivers or waterways with this product or used container.

When dealing with spills wear personal protective clothing and equipment as described in the SAFETY DIRECTIONS section. Contain the spill by damming, recover spilt product by absorbing with sawdust or an inert absorbent material then transfer the recovered spilt material to a properly labelled drum that can be sealed. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

Product Disposal: Dispose of this product only by using according to the label, or at an approved landfill, or other approved facility.

Container Disposal: Triple rinse the empty container, adding rinsings to the spray tank. Take rinsed container to an Agrecovery recycling depot, otherwise crush and bury in a suitable landfill.

FIRST AID

If medical advice is needed, have the product container or label at hand. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Contact the National Poisons Centre 0800 POISON (0800 764766) or a doctor immediately.

IF INHALED: Move to fresh air and keep in position comfortable for breathing. Get medical attention. IF 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. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF exposed or concerned: Get medical advice/attention.

EMERGENCY RESPONSE

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2022 ENVIRONMENTAL SCIENCE AU PTY LTD

ABN 49 656 513 923

Suite 2.06, Level 2, 737 Burwood Rd

Hawthorn East, Vic, Australia 3123

Telephone: 03 7019 3839

Technical Enquiries: 1800 024 209

technicalsupport.australia@envu.com

Website: www.au.envu.com

Distributed by

Garrards (NZ) Ltd

Unit 4/27B Cain Road, Penrose, New Zealand

Phone (09) 526 5232

www.garrards.co.nz

Batch Number

Date of Manufacture

DG Information

UN Number 3082

Class 9

Packaging group III

Description ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRIFLUMURON SOLUTION)

Hazchem code 3Z

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IF exposed or concerned: Get medical advice/attention.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet.

It is an offence to use this product on animals.

RESISTANCE MANAGEMENT

GROUP	15	INSECTICIDE
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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, 2022 Environmental Science AU 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.

DIRECTIONS FOR USE

SITUATION	PEST	RATE	CRITICAL COMMENTS
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 water/10 m ²	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: Pre-wetting 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.

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 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 is recommended. Starycide Insect Growth Regulator is compatible with most adulticides such as Cislin 25 Professional Insecticide, Responsar-Beta Residual Insecticide and Temprid 75 Residual Insecticide. As an insect growth regulator, without the excito-repellent action of a synthetic pyrethroid Starycide 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 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 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).

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet.

RECORD KEEPING

Records of use, as described in the current version of NZS 8409 Management of Agrichemicals, must be kept if more than 3 kg is applied or discharged within 24 hours in a place where the substance is likely to enter air or water and leave the place.

CONDITIONS OF SUPPLY

READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING. IF THESE CONDITIONS ARE UNACCEPTABLE RETURN AT ONCE UNOPENED.

To the extent permitted by law 2022 Environmental Science AU Pty Ltd does not accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with these goods, including without limitation their storage, application, handling or use. 2022 Environmental Science AU Pty Ltd does not make any warranties (express or implied) with respect to fitness for purpose, merchantable quality or any other matter. To the extent only that 2022 Environmental Science AU Pty Ltd is prevented by law from contracting out of the Consumer Guarantees Act then these conditions apply subject to that Act. The Act shall not apply where these goods are acquired for business purposes.

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