

**WARNING**  
**KEEP OUT OF REACH OF CHILDREN**  
**READ LABEL BEFORE USE**

**TEMPRID® 75**  
**RESIDUAL INSECTICIDE**

**ACTIVE INGREDIENTS:**      50 g/L IMIDACLOPRID  
   25 g/L BETA-CYFLUTHRIN

**Net Contents 1L, 5 L**

A residual insecticide concentrate for the control of various insect pests in domestic, commercial, industrial and public buildings and facilities as per the Directions for Use.

IMPORTANT: Read the attached booklet before use.

**APPROVED PURSUANT TO THE HSNO ACT 1996, No. HSR100720**

See [epa.govt.nz](http://epa.govt.nz) for approval controls

**MPI Approved Type B (All animal products except dairy)**

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



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## **TEMPRID® 75 RESIDUAL INSECTICIDE**



### **WARNING**

Harmful if swallowed or inhaled. May cause an allergic skin reaction. May cause harm to breast-fed children. May cause damage to organs (nervous system). May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life and with long lasting effects.

Other hazards: Cutaneous sensations may occur, such as burning or stinging on the face and mucosae. However, these sensations cause no lesions and are of a transitory nature.

### **PRECAUTIONS**

Keep out of reach of children. Read label before use. Obtain special instructions before use. Wear protective gloves/clothing. Do not breathe mist or vapours. Avoid contact during pregnancy and while nursing. Use only outdoors or in well-ventilated area. Do not eat, drink or smoke when using this product. Wash hands and exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before re-use.

### **PERSONAL PROTECTION**

When preparing the spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow length PVC gloves, eye protection and half facepiece respirator. When using the prepared spray wear cotton overalls buttoned to the neck and wrist, a washable hat, eye protection and rubber gloves. Use in a well-ventilated area. Do not breathe mist/spray. After use remove protective clothing and wash hands, arms, and face thoroughly with soap and water. After each day's use wash gloves, eye protection, respirator and if rubber wash with detergent and warm water, and contaminated clothing.

### **ENVIRONMENTAL PROTECTION**

Avoid release to the environment. Collect spillage. DO NOT apply directly into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. This product is toxic to bees and must not be applied to areas that are likely to be visited by bees, or areas containing plants that are in flower, are likely to flower, or are likely to be visited by bees.

### **QUALIFIED HANDLER**

This product must be under the control of an appropriately trained and qualified handler during mixing, loading and use.

### **RECORD KEEPING**

Records of use as described in current version NZS 8409 Management of Agrichemicals must be kept if 3kg or more of Temprid is applied to an application area within 24 hours and the substance is likely to enter air or water and leave the application area.

### **RE-ENTRY**

DO NOT enter treated areas until the spray has dried.

### **STORAGE**

Store in original container tightly closed and in a secure dry, cool area away from foodstuffs, seeds and fertilisers. Store locked up.

### **SPILLAGE**

Keep people away from and upwind of spill/leak. Avoid contact with spilled product or contaminated surfaces. When dealing with a spillage do not eat, drink or smoke. Wear appropriate protective clothing. Contain spillage. Do not allow to get into surface water, drains or ground water. Absorb liquid spills with earth or sand or other inert absorbent, and sweep up. Collect into labeled drums that can be sealed. Dispose of waste material at an approved landfill.

#### **DISPOSAL**

Avoid contamination of any water supply with chemical or empty container. Dispose of this product only by using according to the label, or at an approved landfill, or other approved facility. Triple rinse the empty container, adding rinsings to the spray tank. Send plastic container to an Agrecovery recycling depot if circumstances allow. Otherwise bury in a suitable landfill, or if appropriate, recycle. Do not reuse container for any other purpose.

#### **FIRST AID**

**If medical advice is needed, have product container or label at hand.**

**For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.**

Get medical advice/attention if you feel unwell.

IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth.

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Remove contaminated clothing and wash before re-use.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.

IF exposed or concerned: Call a POISON CENTRE or doctor/physician.

#### **EMERGENCY RESPONSE**

**For specialist advice in an emergency call +64 9801 0034 or 0800 425 459 toll free.**

The toll free phone number is possibly accessible, but not guaranteed from payphones within New Zealand and is not accessible from outside of New Zealand.

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Batch number

Date of manufacture

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## **TEMPRID® 75 RESIDUAL INSECTICIDE**

### **HSNO CLASSIFICATIONS**



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Other hazards: Cutaneous sensations may occur, such as burning or stinging on the face and mucosae. However, these sensations cause no lesions and are of a transitory nature.

### **PRECAUTIONS**

Keep out of reach of children. Read label before use. Obtain special instructions before use. Wear protective gloves/clothing. Do not breathe mist or vapours. Avoid contact during pregnancy and while nursing. Use only outdoors or in well-ventilated area. Do not eat, drink or smoke when using this product. Wash hands and exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before re-use.

### **PERSONAL PROTECTION**

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### **QUALIFIED HANDLER**

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### **RE-ENTRY**

DO NOT enter treated areas until the spray has dried.

### **STORAGE AND DISPOSAL**

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.

Dispose of this product only by using according to the label, or at an approved landfill, or other approved facility. Triple rinse the empty container, adding rinsings to the spray tank. Send plastic container to an Agrecovery recycling depot if circumstances allow. Otherwise bury in a suitable landfill, or if appropriate, recycle.

### **ENVIRONMENTAL PROTECTION**

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## EMERGENCY RESPONSE

For specialist advice in an emergency call +64 9801 0034 or 0800 425 459 toll free.

The toll free phone number is possibly accessible, but not guaranteed from payphones within New Zealand and is not accessible from outside of New Zealand.

It is an offence to use this product on animals.

## INSECTICIDE RESISTANCE WARNING

GROUP	3A	4A	INSECTICIDE
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For insecticide resistance management **Temprid 75** is a Group 3A & 4A insecticide. Some naturally occurring insect biotypes resistant to **Temprid 75** 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 **Temprid 75** or other Group 3A and 4A insecticides are used repeatedly. The effectiveness of **Temprid 75** 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 **Temprid 75** to control resistant insects. For further information on managing insecticide resistance contact your local supplier.

## DIRECTIONS FOR USE

**RESTRAINT:** DO NOT apply spray treatment outdoors if heavy rains are expected to occur within 48 hours of application, or if area is about to be irrigated.

SITUATION	PEST	RATE	CRITICAL COMMENTS
Domestic, commercial, industrial and public buildings and facilities (including but not limited to food processing establishments, shops, factories, farm buildings, ships, trains, aeroplanes, offices, schools, storerooms, hospitals, barracks, private houses and external areas associated with such establishments)		10 ml / L water  <b>Rate per 100 m<sup>2</sup>:</b> <i>Non-porous surfaces</i> 50 ml / 5 L water / 100 m <sup>2</sup> surface  <i>Porous surfaces or through use of power equipment</i> 50 ml / 10 L water / 100 m <sup>2</sup> surface	<p><b>Best-Practice Recommendation</b></p> <ul style="list-style-type: none"> <li>Estimate area of surface which needs to be treated.</li> <li>Calibrate spray equipment to identify volume of spray necessary to achieve coverage of target area.</li> <li>Measure out required volume of <b>Temprid® 75 Residual Insecticide</b> and mix according to General Instructions below.</li> <li>When applying this product, DO NOT exceed the point of run-off.</li> <li>When applying this product to non-porous surfaces, apply as a coarse spray.</li> </ul>
	Ants		<p><b>DIRECT NEST TREATMENT</b> Where possible locate the nest and spray directly into nest entrances. Penetration of insecticide can be assisted by pre-wetting sandy and porous soils with water. A thorough soaking treatment with insecticide mixture is required to destroy the nest.</p> <p><b>TREATMENT WHEN NESTS CANNOT BE LOCATED</b> Apply to all ant trails and areas where ants are foraging. Search for ants underneath materials (e.g. rocks, timber) and apply to these areas. Where indoor infestation has been identified it is recommended that an external perimeter treatment be installed (refer below) and that indoor areas are treated with a suitably registered bait product such as one from the <b>Maxforce®</b> ant bait range.</p> <p><b>EXTERNAL PERIMETER TREATMENTS</b> Apply to all potential entrance points of the structure (e.g. cracks and crevices in brickwork and gaps in timber weatherboards). Treat the outside of the structure; walls and around doors, windows and other areas where ants are active or may enter or hide. Ensure application in wall voids or other enclosed cavities is made with spray nozzle adjusted to produce a fine mist in order to avoid run-off. Treat the soil, turf or other ground covering adjacent to the structure (in a band up to 3 metres wide) where ants are seen, have been found, or can find shelter.</p> <p><b>TREATMENT OF FOOD SOURCES</b> Certain species of ants are commonly found on plants, tending honey-dew producing insects such as aphids and mealybugs. Controlling these insects will assist in ant management programs. Apply <b>Temprid® 75 Residual Insecticide</b> to tree trunks, flowers, shrubs, or ornamental plant beds adjacent to the structure where ants may find food or forage. DO NOT apply to edible plants and plants likely to be visited by bees.</p>

SITUATION	PEST	RATE	CRITICAL COMMENTS
Domestic, commercial, industrial and public buildings and facilities (including but not limited to food processing establishments, shops, factories, farm buildings, ships, trains, aeroplanes, offices, schools, storerooms, hospitals, barracks, private houses and external areas associated with such establishments)	Cockroaches	10 ml / L water  <b>Rate per 100 m<sup>2</sup>:</b> <i>Non-porous surfaces</i> 50 ml / 5 L water / 100 m <sup>2</sup> surface  <i>Porous surfaces or through use of power equipment</i> 50 ml / 10 L water / 100 m <sup>2</sup> surface	Conduct a thorough inspection and apply to known and potential cockroach harbourages. A barrier application around areas where cockroach infestations may be originating is also suggested. NOTE: The use of an insect growth regulator (such as <b>Starycide® Insect Growth Regulator</b> ) is considered a useful supplementary treatment for cockroach control when cockroach infestation is severe. Repeat application as required. Where application of a spray is not suitable it is recommended that a suitably registered gel such as one from the <b>Maxforce® Gel</b> range be applied as per the registered label on that product.
	Crickets		Spray infested areas. In addition a barrier treatment can be sprayed across areas where these pests enter buildings.
	Mosquitoes and flies		Spray surfaces where flies and mosquitoes are known to come to rest. Flies: include external surfaces that are exposed to the morning sun. Mosquitoes: spray walls, awnings, fences and vegetated areas in proximity to buildings. DO NOT apply to edible plants. Note: The perception of the level of control of flying insects achieved within any given area treated with a residual surface spray will be affected by the extent of in-migration of individuals from external (untreated) areas. A residual surface spray will only control those insects that alight on the treated surfaces and therefore complete elimination of flying insects from the treated area should not necessarily always be expected.
	Millipedes		Apply as a coarse spray. Recommended for use on non-porous surfaces only.
	Paper wasp nests		Apply diluted spray to the point of run off directly to the papernest ensuring thorough and even coverage. When all adult wasps have been knocked down, the nest may be safely removed from the structure.
	Spiders		Apply to areas where spiders are known to occur, their webbing and areas where spiders may hide. It is recommended that any webbing is left in place for a few days after application to optimise efficacy.
Domestic, commercial, industrial and public buildings and facilities (including but not limited to hotels and backpacker accommodation, private dwellings, barracks, hospitals, ships, trains, aeroplanes, offices, schools)	Bedbugs		Professional Pest Managers undertaking a bedbug treatment are expected to be familiar with the AEPMA Code of Practice (CoP) for the Control of Bedbug Infestations in Australia and take into account the recommendations included within this document in relation to bedbug management. Prior to treatment, a thorough inspection of all infested and potentially infested areas should be carried out. Treatment should be directed to all areas of infestation (e.g. the bed-frame and walls, cracks, crevices and skirting boards in the vicinity of the bed). Consideration should also be given to appropriate non-chemical methods of control in areas where insecticide application is not possible. Control of pyrethroid-resistant strains of bed bug is dependent on direct spray application rather than residual activity. Re-inspection is essential (in accordance with the recommendations of the CoP).

SITUATION	PEST	RATE	CRITICAL COMMENTS
Internal areas and surrounds of domestic, commercial, industrial and public buildings and facilities	Fleas	10 ml / L water  <b>Rate per 100 m<sup>2</sup>:</b> <i>Non-porous surfaces</i> 50 ml / 5 L water / 100 m <sup>2</sup> surface  <i>Porous surfaces or through use of power equipment</i> 50 ml / 10 L water / 100 m <sup>2</sup> surface	Clean and vacuum infested areas and dispose of dust collected in the garbage in a sealed plastic bag. Lightly spray infested areas concentrating on areas under furniture etc. NOTE: The use of an insect growth regulator (such as <b>Starycide® Insect Growth Regulator</b> ) is considered a useful supplementary treatment for flea control). Treat pets with a suitably registered flea control product. <b>See also the note on application to carpets below.</b>
	Carpet beetles		Apply to infested carpets particularly in areas of little or no traffic and underneath windows where adult beetles may be entering the building. <b>See also the note on application to carpets below.</b>
	Clothes moths		Spray surfaces in areas where clothes are stored. DO NOT spray the clothes themselves.
	Silver fish		Direct spray to areas of potential and existing infestations e.g., under skirting boards and furniture where dark conditions may favour silverfish populations. If spraying inside cupboards or storage areas remove clothing and utensils etc. before spraying. NOTE: The use of an insect growth regulator such as <b>Starycide® Insect Growth Regulator</b> is recommended as a supplementary treatment for silverfish control.
	Skin and hide beetles		Apply as a coarse spray paying particular attention to the flesh side of the hides.
	Stored product pests		The use of this product in the control of stored product pests should be considered part of an integrated strategy to prevent development of insect populations. Best results will be obtained where good hygiene is maintained. Infested areas should be cleaned prior to application and regularly cleaned thereafter to reduce food sources for pests. When treating for beetle pests pay special attention to sheltered areas such as cracks and crevices, under furniture and equipment, floors, walls and shelves. Adult moths can be controlled by applying this product to walls and surfaces where the flying adult moths come to rest. DO NOT apply this product to food or onto food preparation areas.
External areas and surrounds of domestic, commercial and public buildings and structures, untended verges, surrounds of sporting venues etc. (and other areas where ticks are found)	Paralysis tick ( <i>Ixodes holocyclus</i> ) and other tick spp.		Apply to outside surfaces of buildings and surrounds including but not limited to foundations, soil, turf, trunks of woody ornamentals and other areas where ticks congregate or have been seen. This treatment is intended to control ticks which are present at the time of application. Repeat application may be required during times of high tick activity. When used in domestic garden situations where domestic pets are present it is recommended that the animals also be treated with an appropriately registered ectoparasiticide.



## **GENERAL INSTRUCTIONS**

### **Mixing:**

Add the required quantity of **Temprid® 75 Residual Insecticide** to water while stirring.

### **Application**

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

### **Compatibility**

**Temprid® 75 Residual Insecticide** is compatible with **Starycide® Insect Growth Regulator**.

## **PRECAUTIONS**

For surface treatment only – DO NOT spray into the atmosphere using foggers or other devices designed to create an aerosol.

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.

Cover fish tanks before using.

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

DO NOT spray clothing.

DO NOT apply to edible plants.

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).

**BEFORE USE** - Remove or cover all exposed foodstuffs. Cover all dishes and utensils and surfaces where food is prepared.

**AFTER USE** - Thoroughly ventilate treated areas. Clean up thoroughly before processing/serving resumes.

### **Note on application to carpets**

Whilst carpets are regarded as porous surfaces, excessive liquid application may produce water-stains and therefore the non-porous surface rate should be adopted if possible. Hence for short pile carpet, the 5 L dilution rate (per 100 m<sup>2</sup>) should be sufficient. However, for long pile or shag carpet, the 10 L dilution rate (per 100 m<sup>2</sup>) may be required, to ensure effective penetration and application to all of the carpet-pile. Since carpets vary in their thickness, colour and material it is recommended that a small, inconspicuous area of carpet be sprayed and allowed to dry first to ensure that staining will not occur. Allow treated carpets to dry before resuming activity on them.

### **RE-ENTRY**

DO NOT enter treated areas until the spray has dried.

## **SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet.

## **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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