

# POISON

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

The logo for SureFire, featuring the word "SureFire" in a bold, sans-serif font. The "i" in "Sure" has a stylized flame or sunburst graphic above it.

## FORTUNE ULTRA\*

**TERMITICIDE AND INSECTICIDE**

**ACTIVE CONSTITUENT: 100 g/L BIFENTHRIN  
SOLVENTS: 565 g/L LIQUID HYDROCARBON  
50 g/L N-METHYL-2-PYRROLIDONE**

**GROUP 3A INSECTICIDE**

For the protection of structures from subterranean termite damage and for the control of termites and a range of other urban pests, and for the control of various insect pests in turf, as specified in the Directions for Use Table

**IMPORTANT: READ THIS BOOKLET BEFORE USE**

The logo for PCT Holdings Pty Ltd, featuring a stylized circular graphic composed of several curved lines to the left of the letters "PCT" in a bold, sans-serif font.

HOLDINGS PTY LTD

APVMA Approval No: 67491/56179

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(PCT Holdings Pty Ltd ABN 11 099 023 962)

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CUSTOMER SERVICE FREECALL 1800 630 877 EMERGENCY RESPONSE (ALL HOURS) FREECALL 1800 630 877

**DIRECTIONS FOR USE- PEST CONTROL USES****RESTRAINTS**

Do NOT use this product at less than indicated label rates.

Do NOT apply to soils if excessively wet or immediately after heavy rain to avoid run-off of the chemical.

Do NOT use in cavity walls (except via certified cavity infill reticulation systems or for direct treatment of the nest).

Pest	Situations	State	Rate	Critical Comments
Spiders	External areas & surrounds of Domestic, Commercial, Public and Industrial buildings & structures.	All States	25 - 50 mL/10L	Use the higher rate in situations where pest pressure is high or when rapid knockdown and/or maximum residual control is desired. Pay particular attention to protected dark areas such as cracks and crevices, under floors, eaves and other known hiding or resting-places. As a surface spray; apply as a coarse, low-pressure spray to areas where spiders hide, frequent and rest. Spray to the point of run-off using around 5L of spray per 100 m <sup>2</sup> ensuring thorough coverage of the treated surfaces. For crack and crevice treatments use an appropriate solid stream nozzle. For maximum spider control use a two-part treatment. 1. Treatment of cracks and crevices. 2. Overall band spray of surfaces.
Papernest wasps	External areas & surrounds of Domestic, Commercial, Public and Industrial buildings & structures.	All States	50mL/10L	Apply prepared emulsion 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.

**STORAGE, SPILLAGE AND DISPOSAL**

Store in closed original containers, in a cool, well ventilated area away from children, animals, food and feedstuffs. Do not store for prolonged periods in direct sunlight. In case of spillage, confine and absorb spilled product with absorbent material such as sand, clay or cat litter. Dispose of waste as indicated below or according to the Australian Standard AS 2507 - Storage and Handling of Pesticides. Do NOT allow spilled product to enter sewers, drains, creeks or any other waterways.

Triple or (preferably) pressure rinse containers before disposal. Add rinsings to the 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 or product.

Do not bury waste or surplus product. Dispose of undiluted waste either by dilution and use according to the Directions for Use table or returning to the point of purchase in the original container for controlled disposal. Dispose of diluted surplus product by using according to the Directions for Use table. Do not re-use empty container.

**SAFETY DIRECTIONS – Turf**

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 13 1126.

If swallowed do not induce vomiting. Give a glass of water. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**MATERIAL SAFETY DATA SHEET**

Additional information is listed on the Material Safety Data Sheet for Surefire Fortune Ultra Termiticide and Insecticide which is available from PCT Holdings Pty Ltd on request. Call Customer Service Toll Free on 1800 630 877 or visit our web site at <http://pct.au.com>

**NOTICE**

PCT Holdings Pty Ltd warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with Directions for Use under normal conditions of use. No warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions or under off-label permits not endorsed by PCT Holdings Pty Ltd, or under abnormal conditions.

**GENERAL INSTRUCTIONS**

Surefire Fortune Ultra Termiticide and Insecticide is a contact and residual insecticide. 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 Surefire Fortune Ultra Termiticide and Insecticide is applied before pest populations build up to damaging levels.

**APPLICATION**

Surefire Fortune Ultra Termiticide and 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.

**MIXING**

Add the required quantity of Surefire Fortune Ultra Termiticide and Insecticide to water in the spray tank and mix thoroughly. Maintain agitation during mixing and application.

**INSECTICIDE RESISTANCE WARNING**



For insecticide resistance management Surefire Fortune Ultra Termiticide and Insecticide is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Surefire Fortune Ultra Termiticide and 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 Surefire Fortune Ultra Termiticide and Insecticide or other Group 3A insecticides are used repeatedly. The effectiveness of Surefire Fortune Ultra Termiticide and Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, PCT Holdings Pty Ltd. accepts no liability for any losses that may result from the failure of Surefire Fortune Ultra Termiticide and Insecticide to control resistant insects.

Surefire Fortune Ultra Termiticide and Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier, PCT representative or local agricultural department agronomist.

**RE-ENTRY TO TREATED AREAS**

Do not re-enter treated area until spray deposits have dried, unless wearing suitable protective clothing (i.e. waterproof hat, overalls, boots and gloves).

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

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

**PROTECTION OF LIVESTOCK**

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

<p>Ants, cockroaches, mosquitoes, fleas, flies, ticks (excluding the paralysis tick <i>Ixodes holocyclus</i>) – adults &amp; nymphs</p>	<p>External areas &amp; surrounds of Domestic, Commercial, Public and Industrial buildings &amp; structures.</p>	<p>All States</p>	<p>50-100mL /10L</p>	<p>On non-porous surfaces apply as a coarse spray at the rate of 1L of emulsion per 20m<sup>2</sup>. When treating non-porous surfaces do not exceed the point of run-off. On porous surfaces or for use through power equipment, spray at the rate of 1L of emulsion per 10m<sup>2</sup>. When treating porous surfaces do not exceed the point of run-off. Use the higher rate in situations where pest pressure is high, when rapid knockdown and/or maximum residual protection is desired. The lower rate may be used for follow-up treatments To control ants apply to trails and nests. Repeat as necessary. To control fleas and ticks apply prepared emulsion to outside surfaces of buildings and surrounds including but not limited to foundations, verandas, window frames, eaves, patios, garages, pet housing, soil, turf, trunks of woody ornamentals or other areas where pests congregate or have been seen. To control flies and mosquitoes apply prepared emulsion to surfaces where insects rest or harbour. Reapply as necessary. For perimeter treatments apply the prepared emulsion to a band of soil or vegetation two to three metres 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 100 m<sup>2</sup>. Higher volumes of water may be needed if organic matter is present or foliage is dense.</p>
<p>Subterranean Termites</p>	<p>Domestic, commercial, public and industrial buildings and structures, service poles, fence posts and nest eradication</p>	<p>All States, except TAS</p>	<p>Refer to Table A</p>	<p>Refer to Table B</p>

**Table A: Surefire Fortune Ultra Termiticide and Insecticide use rates for the management of subterranean termites**

Situations	All Areas South of the Tropic of Capricorn (except TAS)		All Areas North of the Tropic of Capricorn	
	Rate	Expected Protection Period*	Rate	Expected Protection Period*
Perimeter barriers for new and existing buildings	1.0 L/100 L	At least 10 years	1.5 L/100 L	Up to 5 years
	500 mL/100 L	10 years	1.0 L/100 L	Up to 4 years
	250 mL/100 L	3 years	750 mL/100 L	Up to 3 years
Post-construction barriers under slabs and under suspended floors with less than 400 mm crawl space	1.0 L/100 L	At least 10 years	1.5 L/100 L	Up to 5 years
	500 mL/100 L	10 years	1.0 L/100 L 750 mL/100 L	Up to 4 years Up to 3 years
Protection of Poles & Fence Posts	500mL/100L	Up to 10 years	1.5L/100L	Up to 5 years
			1L/100L	Up to 4 years
			750mL/100L	Up to 3 years
Nest Eradication	500mL/100L	Not Applicable	500mL/100L	Not Applicable

**Note: The actual protection period will depend on the termite hazard, climate, soil conditions and rate of termiticide used.**

The length of the protection period is determined by a variety of factors including termite hazard, climate, soil conditions and the rate of the termiticide applied. These factors should be taken into consideration when evaluating the need for retreatment. Annual inspections by a competent Pest Control Operator are recommended to determine the need for further termite management options. Under high termite challenge, more frequent inspections are advised.

**DIRECTIONS FOR USE – TURF RESTRAINTS**

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

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Turf (for example, lawns, commercial turf farms, parks, recreational areas, bowling greens, sports fields)	Lawn Army Worm ( <i>Spodoptera mauritia</i> ) Sod Webworm ( <i>Herpetogramma licarsisalis</i> )	1.2 L/ha (12 mL/100 m <sup>2</sup> )	-	Mix Surefire Fortune Ultra in water and apply evenly over the area to be treated using spray application equipment. Use a minimum total spray volume of at least 200 L/ha (2 L/100 m <sup>2</sup> ). To ensure optimal control, irrigate the treated area with up to 4 mm of water soon after application. Inspect treated areas for continuing activity. Reapply as required. Where a rate range is indicated use lower rates under lower insect pressure and higher rates under higher insect pressure. Apply after mowing to minimise loss of insecticide in clipping. DO NOT apply to soils if excessively wet or immediately after heavy rain.
	Argentine stem weevil adults ( <i>Listronotus bonariensis</i> ) Billbug adults ( <i>Sphenophorus</i> sp.)	1.2-2.4 L/ha (12-24 mL/100 m <sup>2</sup> )		
	African black beetle adults ( <i>Heteronychus arator</i> )	2.4-3.6 L/ha (24-36 mL/100 m <sup>2</sup> )		
	Black ant, coastal brown ant, funnel ant, meat ant, sugar ant and stinging ant only	1.2-4.4 L/ha (12-44 mL/100 m <sup>2</sup> )		

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

**MIXING**

Add the required quantity of Surefire Fortune Ultra Termiticide and Insecticide to water in the spray tank and mix thoroughly. Maintain agitation during both mixing and application.

To facilitate even application of the termiticide emulsion over the area to be treated, the addition of a marker dye at label rates is recommended. On hard to wet soils, the penetration of the termiticide emulsion may be improved by the addition of a soil surfactant at label rates.

**PRECAUTIONS AND RE-ENTRY PERIOD – PEST CONTROL**

DO NOT spray into the air or directly on humans, pets or animals. Avoid contact with food, food utensils or preparation surfaces.

**Re-entry Period**

Do not allow people and pets to contact treated areas until the spray has dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and elbow-length PVC, neoprene or nitrile gloves and chemical resistant footwear. Clothing must be laundered after each day's use.

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

Dangerous to fish and aquatic organisms. Do not contaminate dams, rivers, streams, waterways or drains with product or the used container.

**PROTECTION OF PETS AND LIVESTOCK**

Before spraying, remove animals and pets from the areas to be treated. Cover or remove any open food and water containers. Cover or remove fish ponds, aquariums etc before spraying.

**SAFETY DIRECTIONS – Pest Control**

Poisonous if swallowed. Will damage eyes and will irritate the skin. Avoid contact with eyes and skin. Do not inhale vapour or spray mist.

When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC, neoprene or nitrile gloves, face shield or goggles and chemical resistant footwear.

When using the prepared spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC, neoprene or nitrile gloves and chemical resistant footwear.

When using in enclosed areas, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC, neoprene or nitrile gloves, chemical resistant footwear and half facepiece respirator with combined dust and gas cartridge. If clothing becomes contaminated with product or wet with spray, remove clothing immediately. If product or spray on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

After each day's use, wash gloves, face shield or goggles, respirator and if rubber wash with detergent and warm water and contaminated clothing.

**Table B: Critical Comments for the Management of Subterranean Termites**

Situations	Critical Comments
<b>Perimeter Barriers – Existing buildings</b>	<ul style="list-style-type: none"> <li>➤ Perimeter barriers (both horizontal and vertical, external and, where appropriate, internal and subfloor) are essential for effective termite protection. Perimeter barriers should be installed around slabs, piers, substructure walls and external penetration points upon completion of the building.</li> <li>➤ Apply using suitable equipment to form a continuous (horizontal and vertical) chemical barrier to a depth of 80 mm below the top of footings around the structure. Formation of the barrier may require several application techniques, including soil trenching and/or rodding and open wand application.</li> <li>➤ Chemical barriers which have been disturbed by construction, excavation or landscaping should be reapplied to restore continuity of the barrier.</li> </ul>
<b>Post-construction barrier management – Management of termites in existing buildings</b>	<ul style="list-style-type: none"> <li>➤ Apply with suitable application equipment to form a continuous vertical and horizontal chemical barrier around and under the structure with particular emphasis on known infestation areas. The formation of the barrier may require a combination of several application techniques, including trenching, soil rodding, sub-slab injection and open wand applications.</li> <li>➤ Chemical barriers beneath concrete slabs, paths, driveways etc. will require concrete drilling. Holes should be drilled 150 to 300 mm apart and no more than 150 mm from walls or expansion joints. To enhance soil distribution, use a lateral dispersion tip on the injector and apply up to 10 L of emulsion per linear metre.</li> <li>➤ For areas beneath suspended floors with inadequate access (i.e. less than 400 mm clearance), the entire subfloor area should be treated as a continuous horizontal barrier which completely abuts any internal vertical barriers around substructure walls. Otherwise, install perimeter barriers around each individual pier, stump, penetration point and substructure wall.</li> <li>➤ Chemical barriers that have been disturbed by construction, excavation or landscaping should be reapplied to restore continuity of the barrier.</li> </ul>
<b>Protection of Service Poles and Fence Posts</b>	<ul style="list-style-type: none"> <li>➤ Create a continuous termiticide barrier 450mm deep and 150mm wide around the pole or post by soil injection or rodding. For new poles and posts, treat backfill and the bottom of the hole. Use 100L of emulsion per m<sup>3</sup> of soil.</li> <li>➤ Regular inspections should be undertaken to determine when and if retreatment is necessary. If disturbance of the barrier has occurred, retreatment of the area affected will be required.</li> <li>➤ Posts and poles may also be drilled and injected with spray solution.</li> <li>➤ <b>Note: For existing poles and posts, it is impractical to treat the full depth and underneath of such poles and posts and therefore the possibility of future termite attack from below the treated area cannot be ruled out.</b></li> </ul>
<b>Eradication of Termite Nests</b>	<ul style="list-style-type: none"> <li>➤ Locate nest and flood with Surefire Fortune Ultra emulsion. Trees, poles, posts and stumps containing nests may require drilling prior to treatment with Surefire Fortune Ultra emulsion. The purpose of drilling is to ensure the termiticide emulsion is distributed throughout the entire nest. Drill holes in live trees should be sealed with an appropriate caulking compound after injection.</li> </ul>

Note: The termiticide barrier provided by this product has a finite life. This, together with the recommendation to undertake annual inspections, must be stated on a durable notice as required by BCA B1.3(j)(ii).

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## GENERAL INSTRUCTIONS – PEST CONTROL

**Pest Control** – Surefire Fortune Ultra is a powerful knockdown and residual control agent. Ants, cockroaches, fleas, flies, mosquitoes, spiders, ticks and wasps are controlled by direct contact with the spray and also by the residual action as they come into contact with treated surfaces.

**Termites** – The use of Surefire Fortune Ultra will help prevent and control subterranean termite infestations in and around structures, service poles and fence posts. A dilute termiticidal emulsion must be adequately dispersed into the soil to establish a barrier between the structure to be protected and subterranean termites in the soil. The purpose of external and vertical termite barriers, which are an essential part of the treatment, is to prevent concealed termite entry into the structure. The horizontal and vertical chemical barriers must be placed in accordance with the Australian Standard AS 3660 series.

For treatment of existing buildings, both horizontal and vertical barriers may be required around and under the buildings. Barriers must provide a continuous, no gap zone of protection between the structure and the termite colony. Therefore it is essential that the barrier be established by a Pest Control Operator familiar with the construction details of the building. Further details are provided in the "Horizontal Barrier Treatment" and "Vertical Barrier Treatment" sections of this label and in the Australian Standard AS 3660 Series.

**Horizontal Barrier Treatments:** Use 5L of emulsion per m<sup>2</sup> of soil. Apply the diluted mixture to the soil surface evenly so that a continuous barrier with no gaps is formed. To minimise drift, use low pressure, high volume spray equipment delivering large droplets. On impervious soils, where the application of 5L diluted mixture per m<sup>2</sup> would result in run-off, the total volume of mixture applied may be reduced provided the concentration of Surefire Fortune Ultra in the mixture is increased by accordingly, e.g. if the intended rate of application is 1.0 L/100 L, and the amount of spray applied is halved (2.5 L/m<sup>2</sup>), the concentration of Surefire Fortune Ultra should be doubled to 1.0 L/50 L (or 2.0 L/100 L).

DO NOT apply less than 2L diluted mixture per m<sup>2</sup>.

In situations where the soil surface is very dry and conditions are conducive to rapid drying, the area to be treated should be moistened prior to the termiticide application.

**Vertical Barrier Treatments:** To install a vertical barrier use a minimum of 100 L of diluted mixture per m<sup>3</sup> of soil. Vertical barriers must be a minimum of 150 mm wide, extend 80 mm below the top of footings and must be continuous with no gaps. Vertical barriers can be formed by trenching to the required depth and treating the soil as the trench is backfilled, by soil rodding or by the use of reticulation systems, as described in the Australian Standard AS 3660 Series. When using the soil rodding method to establish a vertical barrier, use the distance between rod spacings given in the table below. Loosen soil to a depth of 150 mm to improve soil penetration.

Soil type	Rod Spacing (mm)
Heavy Clay	150mm
Clay loams	200mm
Loams	250mm
Sands	300mm

**Perimeter Barrier Treatments:** Perimeter barriers consist of horizontal barriers at least 150 mm wide adjoining a vertical barrier of at least 150 mm in width. A perimeter barrier must completely surround all buildings/structures, pipes, piers and service penetrations. In buildings with suspended floors with greater than 400 mm crawl space, perimeter barriers should be installed to surround piers, stumps and service penetrations and completely abut all substructure walls.

To ensure a continuous barrier use at least 100 L of diluted mixture per m<sup>3</sup> of soil. This can be achieved by applying 5 L of diluted mixture per linear metre for a 300 mm vertical barrier, or 10 L of diluted mixture per linear metre for a 600 mm deep vertical barrier.

Treat both sides of single brick walls down to the footing to prevent termites gaining access behind engaged piers.

**Post-Construction Treatments under Concrete Slabs:** For concrete slabs, the diluted mixture may be injected through holes drilled in the slab at intervals between 150 mm and 300 mm. Recommended spacings between holes is given in the table below:

Soil type	Hole Spacing (mm)	Litres per hole
Heavy Clay	150mm	1.5
Clay loams	200mm	2
Loams	250mm	2.5
Sands	300mm	3

Lateral dispersion tips are recommended to ensure even distribution.

The decision to drill concrete floor slabs and inject Surefire Fortune Ultra must only be made after thorough inspection of the building and after full assessment of termite activity.

Equipment used for injection of Surefire Fortune Ultra into pre-drilled holes indoors must be in good working order, without any leaks and must be fitted with a working tip shut-off to prevent nozzle dripping. Lateral dispersion tips are recommended to ensure even distribution. Drill holes must be resealed after injection.

**Treatment in Conjunction with Physical Barriers:** In situations where the termite management system includes physical and chemical barriers, each certified system must be installed according to the relevant and appropriate specifications for the product and the Australian Standard AS 3660 Series.

### SERVICE REQUIREMENTS:

Service requirements can only be determined following inspection by a licensed Pest Control Operator as Subterranean termites are capable of bridging termite barriers. Inspections, in accordance with the Australian Standard AS 3660 series, should be conducted at least annually with more frequent inspections being required in high-risk termite areas.

Determination of the need for servicing requires consideration of factors such as termite pressure, integrity of the barrier and age and longevity of the termiticide applied.

Several factors contribute to longevity of the termite treatment and must be considered when evaluating the need for retreatment. The actual protection period will depend on the termite hazard, climate, soil conditions and rate of termiticide used. Refer to Table A for the protection periods provided.