

MAIN PANEL

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**ECOTOXIC  
DANGER  
READ LABEL BEFORE USE  
KEEP OUT OF REACH OF CHILDREN**



**Perigen<sup>®</sup> 500**

**SPRAY AND RESIDUAL INSECTICIDE**

**ACTIVE INGREDIENT: 500 g/L PERMETHRIN  
In the form of an emulsifiable concentrate**

**Net  
contents  
1 L**

For the control of household and industrial pests, remedial treatment of timber in buildings and disinsection of aircraft.

IMPORTANT: Read the attached booklet before use.

**APPROVED PURSUANT TO HSNO ACT 1996, NO. HSR000304**  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval control.

NZFSA Approval Type B (All animal product except dairy).



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(label code)

BOOKLET FRONT PAGE

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## PERIGEN® 500 SPRAY AND RESIDUAL INSECTICIDE

**HSNO CLASSIFICATIONS: 3.1D , 6.1D (All), 6.1D (I), 6.1D (O), 6.3B , 6.4A , 6.5A , 6.5B , 6.9B (All), 9.1A (All), 9.1A (C), 9.1A (F), 9.3B , 9.4A.**

**DANGER:**

Combustible liquid. May be harmful if swallowed, inhaled or in contact with skin. Causes mild skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause organ damage from repeated oral exposure. Very toxic to aquatic life. Toxic to terrestrial vertebrates. Very toxic to terrestrial invertebrates.

**APPROVED HANDLER:**

This product must be under the control of an approved handler when:

- a) applied in a wide dispersive manner; or
- b) used by a commercial contractor.

**SAFETY DIRECTIONS:**

Do not store or use near naked flame. Avoid contact with eyes and skin. Do not inhale vapour and spray mist. When handling concentrate and preparing spray, use elbow length PVC gloves and face shield. Wash thoroughly with soap and water after use and before eating, drinking or smoking. After each day's use wash face shield, gloves and contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Use with adequate ventilation. Do not eat, drink or smoke while using.

**STORAGE AND DISPOSAL:**

Store in tightly closed, original container in a safe, well ventilated area, as cool as possible away from foodstuffs. 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. Burn in an appropriate incinerator, if circumstances such as wind direction permit. Otherwise crush or puncture and bury in a suitable landfill, or if appropriate, recycle. Do not use container for any other purpose.

**FIRST AID:**

Call the National Poisons Centre 0800 POISON (0800 764766) or a doctor if poisoning occur or if you feel unwell. Refer to the booklet for additional information.

For 24 hour specialist advice in an emergency only phone 0800 734 607.

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Batch Number:

DOM:

Barcode

**BOOKLET INSIDE**

**HSNO CLASSIFICATIONS: 3.1D, 6.1D, 6.3B, 6.4A, 6.5A, 6.5B, 6.9B, 9.1A, 9.3B, 9.4A.**

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**ENVIRONMENTAL PROTECTION:**

Do not contaminate streams, rivers or waterways with this product or used container. Collect any spillages. Do not use in a manner contrary to the label which is likely to cause harm to terrestrial invertebrates or vertebrates. Toxic to bees; avoid spraying in areas where bees are foraging.

**EMERGENCY RESPONSE:**

For specialist advice in an emergency call 0800 734 607 (24 hours).

**FIRST AID:**

**IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms, call a Poison Centre or doctor. Call the National Poisons Centre 0800 POISON (0800 764766) or a doctor if you feel unwell. If swallowed, rinse mouth and give water to dilute. Do not induce vomiting unless medical treatment is delayed more than an hour. Take to hospital without delay. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. If eye irritation persists, seek medical attention. **IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs, seek medical advice.

**It is an offence to use this product on animals.**

#### DIRECTIONS FOR USE

SITUATION	PEST	RATE	CRITICAL COMMENTS
Household and industrial situations	Ants, cockroaches, fleas, spiders, silverfish, carpet moths, bedbugs, houseflies, mosquitoes, carpet beetles	100 ml / 10 litres water	Apply at the rate of 5 litres of prepared spray per 100 m <sup>2</sup> or to the point of runoff depending on the porosity of the sprayed material. Porous surfaces such as brick, cement, ceramic (unglazed), etc. absorb the spray and hence more spray is needed to deliver the required surface deposits.
Aircraft	Cockroaches, moths, beetles, flying and crawling insects	<i>Initial:</i> 200 ml / 5 litres water <i>Routine: (monthly)</i> 100 ml / 5 litres water	Apply to carpets and other fabrics at 25 ml spray mix / m <sup>2</sup> and to other surfaces (routine use only) at 10 ml spray mix / m <sup>2</sup> . Ensure even coverage of closely spaced droplets on all surfaces. It is not necessary to achieve total cover and it is not desirable to produce runoff.
Remedial treatment of timber in buildings	Common house borer, woodworm, powder post beetles, <i>Lyctus</i> spp, longhorns, pinhole borer, <i>Hylastes ater</i> , drywood termites <i>Kalotermea brouni</i> , <i>K. banksiae</i> , <i>Glyptotermes brevicornis</i>	40 ml / 10 litres of non-staining oil or kerosene	Applicable only to surfaces which will absorb the solution. Hence varnished, painted or polished surfaces need to be sanded down to ensure penetration of the solution. Always add Perigen 500 to non-staining oil, kerosene or water and apply the diluted insecticide by means of a knapsack sprayer, bucket pump or other sprayer capable of giving a coarse spray directly onto exposed timber surfaces. Perigen 500 can be brushed on to the timber. Treatments with diluted Perigen 500 should be at the rate of 200 - 300 ml/m <sup>2</sup> .  Drill damaged areas and inject solution until timber is unable to absorb more liquid. Treat all infested areas (as indicated by expulsion of frass) for maximum effect. A single application may be sufficient. Continued expulsion of frass may be due to movement of timber.

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

#### GENERAL INSTRUCTIONS

##### Domestic and Industrial Premises

##### **How to Apply**

Always add Perigen 500 to water at rates given and apply the diluted insecticide by way of a knapsack sprayer, bucket pump or other sprayer capable of giving a coarse spray directly onto exposed surfaces frequented by pests. Prepare a fresh solution as required.

##### **Where to Apply**

Ants: Nests, runs, walls, drains and resting places where ants are seen.

Bedbugs: Cracks and crevices in adjacent walls, bed-frames, mattresses.

Carpet pests: Infested area of carpet, particularly around edges and under furniture.

Cockroaches: Walls, cupboards, skirting boards, behind sinks, stoves and pipes. Pay particular attention to cracks and crevices.

Fleas: Skirting, floors and carpets, kennels, bedding and adjacent wall area.

Houseflies/Mosquitoes: All exposed surfaces where these flying insects may rest, e.g. walls, ceilings, verandahs, etc.

**Aircraft Disinsection**

Apply the diluted insecticide as a fairly coarse spray to all interior surfaces including cargo and baggage holds, toilets, lockers, cupboards and other enclosed areas.

Do not spray electrically sensitive equipment.

**Remedial and Protective Treatment for Wood Surfaces**

Apply on framing, interior joinery and finishing, flooring, weatherboards and furniture as a remedial and protective treatment against wood boring beetles such as common house borer or woodworm.

Inspect regularly and retreat when necessary.

**IMPORTANT**

Do not store diluted insecticide.

Do not spray the moving parts of any machinery, electric motors and switchgear with the water-based product.

Remove all foodstuffs before application.

Wash food preparation surfaces and food preparation utensils after treatment.

Do not spray directly on humans, exposed food or food utensils.

Do not use near air vents or ducts in food stores or processing plants while they are in operation.

**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 L 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 Bayer 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. Bayer 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 Bayer 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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BASE LABEL OF BOOKLET**PERIGEN® 500 SPRAY AND RESIDUAL INSECTICIDE**

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