

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

Perigen[®] 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.

GROUP 3A INSECTICIDE

IMPORTANT: Read the attached booklet before use.

APPROVED PURSUANT TO HSNO ACT 1996, NO. HSR000304

See www.epa.govt.nz for approval control.

MPI Approval Type B (All animal products except dairy)

MPI approved for use in farm dairies and in dairy processing

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PERIGEN® 500 SPRAY AND RESIDUAL INSECTICIDE



HAZARD CLASSIFICATIONS:

Flammable liquid Category 4, Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Eye irritation Category 2, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment (acute) Category 1, Hazardous to the aquatic environment (chronic Category 1, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates.

FLAMMABILITY

Combustible liquid.

TOXICITY

DANGER: May cause allergy or asthma symptoms or breathing difficulties if inhaled. Harmful if swallowed or inhaled. May cause an allergic skin reaction. Causes serious eye irritation. May cause damage to organs from repeated or prolonged exposure.

ECOTOXICITY

Very toxic to aquatic life and with long-lasting effects. Hazardous to terrestrial vertebrates. Hazardous to terrestrial invertebrates.

Take all reasonable steps to ensure the application of this product does not cause any significant adverse effects to the environment beyond the application area.

SAFETY DIRECTIONS

Do not store or use near naked flame. No smoking. 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 hands and exposed skin 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 well-ventilated area, as cool as possible away from foodstuffs and feedstuffs.

In case of fire: use water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO₂).

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 for advice. If medical advice is needed, have product container or label at hand. Refer to the booklet for additional information.

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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Unit 4/27B Cain Road,

Penrose, New Zealand

(09) 526 5232

www.garrards.co.nz

Batch Number:

Date of Manufacture:

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SAFETY DIRECTIONS

Do not store or use near naked flame or hot surfaces. No smoking. Avoid contact with eyes and skin. Do not inhale vapour and spray mist. Use with adequate ventilation. Use only outdoors or in well-ventilated area. In case of inadequate ventilation, wear respiratory protection (particle filter mask). When handling concentrate and preparing spray, wear protective clothing, elbow length PVC gloves and face shield. Do not eat, drink or smoke while using. Wash hands and exposed skin 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.

STORAGE AND DISPOSAL

Store in tightly closed, original container in a well-ventilated area, as cool as possible away from foodstuffs and feedstuffs.

In case of fire: use water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO₂).

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. Crush or puncture rinsed container and bury in a suitable landfill, or if available, recycle. Do not use container for any other purpose.

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 425 459 (24 hours).

FIRST AID

If medical advice is needed, have product container or label at hand. Call the National Poisons Centre 0800 POISON (0800 764766) or a doctor.

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 for advice.

IF SWALLOWED: Rinse mouth. Get medical advice if you feel unwell. 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 or rash occurs, seek medical advice.

It is an offence to use this product on animals.

INSECTICIDE RESISTANCE WARNING

GROUP	3A	INSECTICIDE
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For insecticide resistance management, Perigen 500 is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Perigen 500 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 Perigen 500 or other Group 3A insecticides are used repeatedly. The effectiveness of Perigen 500 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 the failure of Perigen 500 to control resistant insects. Perigen 500 may be subject to specific resistance management strategies. For further information contact your local supplier.

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 ² 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:</i> (monthly) 100 ml / 5 litres water	Apply to carpets and other fabrics at 25 ml spray mix / m ² and to other surfaces (routine use only) at 10 ml spray mix / m ² . 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>Kaloterme brouni</i> , <i>K. banksiae</i> , <i>Glyptotermes brevicormos</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 ² . 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.

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, verandas, 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.

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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DG Information

UN Number 3082

Class 9

Packaging group III

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

Hazchem Code 3Z

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