MAIN PANEL 1 L containers (which forms the front page of the booklet)

POISON

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

Perigen® Defence

RESIDUAL INSECTICIDE

ACTIVE CONSTITUENT: 500 g/L PERMETHRIN 25:75
SOLVENT: 342 g/L HYDROCARBON LIQUID

GROUP 3A INSECTICIDE

1 L

For control of a range of insect pests in various household and industrial situations as per the DIRECTIONS FOR USE.
IMPORTANT: READ THIS BOOKLET BEFORE USE.

Rear panel attached to container 1 L containers

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.
Rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. Dispose of at a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Product is harmful if swallowed. Will irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin and do not inhale spray mist. When opening the container and preparing treatment mixture wear cotton overalls buttoned to the neck and wrist, elbow length PVC gloves and face shield or goggles. 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 and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (phone 13 11 26).

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet.

Exclusion of Liability

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

APVMA Approval Number: 57184/1L/1205
Perigen® is a Registered Trademark of Bayer.

FOR 24 HOUR SPECIALIST ADVICE
IN EMERGENCY ONLY
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BAR CODE

Batch Number:
Date of Manufacture:

Label booklet – 1 L containers (underneath main front panel)

Directions For Use:

SITUATION	PEST	RATE	CRITICAL COMMENTS
Household and industrial situations		50 mL in 10 L of water	All dilutions should be applied to the point of run off, using 5 L of prepared spray per 100 to 150 m^2, 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 deposit.
	Cockroaches		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. Where application of a spray is not suitable it is recommended that a suitably registered gel such as Maxforce® Gold Gel or Premise® Cockroach Gel be applied as per the registered label on that product.
	Fleas		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. Treat pets with a suitably registered flea control product.
	Flies and mosquitoes		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. 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 (un-treated) 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.
	Web-spinning spiders		Spray spiders, their webbing and areas where spiders may hide directly. It is recommended that webbing is left in place for a few days after application to optimise efficacy.
	Non-web spinning spiders		Spray areas where spiders are known to occur.
	Silverfish		Direct spray to areas of potential infestation eg under skirting boards and furniture where dark conditions may favour silverfish populations.
	Ants		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. If nest cannot be located then spray infested areas.

Label booklet 1 L container contd.

SITUATION	PEST	RATE	CRITICAL COMMENTS
Carpets, rugs and fabrics	Carpet beetle (*Anthrenus flavipes*), Variegated carpet beetle (*Anthrenus verbasci*), Webbing clothes moth (*Tineola bisselliella*), Case-making clothes moths (*Tinea pellionella*).	50 mL in 10 L of water	Apply sufficient diluted spray to penetrate carpet pile or fabric (50 mL spray mix per m^2). Apply as a surface treatment only. It is recommended that application to a small, non-conspicuous, test area of the carpet, rug or fabric be made first to determine that staining and damage will not occur.
Remedial treatment of timber in buildings	Drywood termites *Cryptotermes primus*, *C. brevis, C. domesticus* - in <u>QLD, NSW, NT and WA only</u>	40 mL in 10 L 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. Apply at 1 L per 20 m^2 of surface area or to the point of run off. 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. Do not use diesel in or under living areas as odours and staining may occur. See GENERAL INSTRUCTIONS.
	Auger beetles and powder post beetles (family Bostrychidae), pinhole borers (family Platypodidae), furniture beetles (family Anobiidae)	20 mL in 10 L non-staining light oil or deodorised kerosene or water	
Aircraft	Cockroaches, moths, beetles, mosquitoes	<u>Initial</u>: 200 mL in 5 L of water <u>Routine</u> (monthly): 100 mL in 5 L of water	Apply to carpets and other fabrics at 25 mL spray mix per m^2 and to other surfaces at 10 mL spray mix per m^2.
Repellent treatment of fabric (excluding clothing) and mosquito nets	Mosquitoes, biting flies		
(i) Nylon		(i) 15 mL in 500 mL water	The dilution rate depends on the water uptake rate of the material. Dip thoroughly for two minutes. Drain; then dry, preferably laid flat on a non-absorbent surface. Nets should not be hung up to drain.
(ii) Cotton and cotton blends		(ii) 15 mL in 2 L water	
(iii) Canvas horse rugs		(iii) 15 mL in 500 mL water	For horse rugs spray until run-off and allow to dry before putting on horse

Repellent treatment of clothing of Australian Defence Force personnel		12 mL per 1 L water	Dip treat for two minutes. Pre-dry on a horizontal non-absorbent surface before hanging up to dry, to prevent excessive dripping. **Note for Defence Force Personnel:** Use in accordance with the Australian Defence Force Publication ADFP 705 Pesticides Manual.
Lawns, Ovals, Amenity Areas	Lawn armyworm (*Spodoptera mauritia*) Qld, NSW only	100 to 200 mL/500 L water/ha plus 10 mL/100 L Agral 600	Apply at first sign of damage and as and when required.

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

GENERAL INSTRUCTIONS

Insecticide Resistance Warning

GROUP	3A	INSECTICIDE

For insecticide resistance management, Perigen Defence Residual Insecticide is a Group 3A insecticide.
Some naturally occurring insect biotypes resistant to Perigen Defence 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 Defence or other Group 3A insecticides are used repeatedly. The effectiveness of Perigen Defence on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Bayer CropScience Pty Ltd accepts no liability for any losses that may result from the failure of Perigen Defence to control resistant insects.
For information about strategies for managing insecticide resistance contact your local supplier or Bayer Environmental Science representative.

Remedial Treatment of Timber
For protection, *in situ* timbers may be treated by spraying or brushing with Perigen Defence according to the DIRECTIONS FOR USE. Do not use diesel distillate. If the opposite surface is covered, stained or varnished, it should be fully cured before Perigen Defence is applied, especially if the timbers to be treated are old and cracks, holes or gaps are present. Test a small area to ensure that solvent penetration through timbers will not adversely affect the timber finish or floor coverings.

Aircraft Disinsection
Use with water only. Treatment should be carried out in accordance with relevant Department of Primary Industries and Energy quarantine requirements.

PRECAUTIONS
Avoid contact with food, food utensils, or places where food is prepared or stored. Before use, remove or cover all exposed foodstuffs. Cover all dishes and utensils, and places where food is prepared or stored.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
Dangerous to fish and other aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

Label booklet contd – 1 L containers

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