

POISON

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

PERMETHOR® SHIELD LIQUID INSECTICIDE

ACTIVE CONSTITUENT: 500 g/L PERMETHRIN
SOLVENT: 361 g/L HYDROCARBON LIQUID

GROUP 3A INSECTICIDE

For control of a range of insect pests in various household and industrial situations as per the Directions for Use table.

ENSYSTEX AUSTRALASIA PTY LTD

ABN 53 102 221 965

Unit 3 The Junction Estate,
4-6 Junction Street Auburn NSW 2144
www.ensystex.com.au

APVMA Approval No:
87254/117944



CUSTOMER SERVICE 13 35 36
EMERGENCY RESPONSE (ALL HOURS) 13 35 36

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GENERAL INSTRUCTIONS

Remedial Treatment of Timber

For protection, in-situ timbers may be treated by spraying or brushing with PERMETHOR SHIELD 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 PERMETHOR SHIELD 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 the relevant Australian government quarantine requirements.

Insecticide Resistance Warning

GROUP 3A INSECTICIDE

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

PERMETHOR SHIELD may be subject to specific resistance management strategies. For further information contact your local supplier, Ensysyex Australasia Pty Ltd representative or local agricultural department agronomist.

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.

STORAGE AND DISPOSAL:

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Triple-rinse containers before disposal. Add rinsings to 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.

SAFETY DIRECTIONS:

Product is harmful if swallowed. Will irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. Do not inhale spray mist. When opening the container and preparing spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length PVC gloves and face shield or goggles. Wash hands after use. 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 Australia 13 11 26. If swallowed, do NOT induce vomiting.

SAFETY DATA SHEET

Additional information is listed on the Safety Data Sheet which is available from Ensysyex on request. Call Customer Service on 13 35 36 or visit our web site at www.ensystex.com.au.

NOTICE

Ensysyex 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 Ensysyex, or under abnormal conditions.

DIRECTIONS FOR USE

SITUATION	INSECTS	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 cockroach gel bait 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 e.g. 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.
Carpets, rugs and fabrics	Carpet beetle (<i>Anthrenus flavipes</i>) Variegated carpet beetle (<i>Anthrenus verbasci</i>) Webbing clothes moth (<i>Tineola bisselliella</i>) Case-making clothes moths (<i>Tinea pellionella</i>)	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 <i>Cryptotermes primus</i> , <i>C. brevis</i> , <i>C. domesticus</i> In QLD, NSW, NT, and WA only	40 mL in 10 L of non-staining oil or kerosene	Applicable only to surfaces that 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/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 Bostrichidae); Pinhole borers (Family Curculionidae); Furniture Beetles (Family Anobiidae).	20 mL in 10 L non-staining light oil or deodorised kerosene or water	
Aircraft	Cockroaches, moths, beetles, mosquitoes	Initial: 200 mL in 5 L of water Routine (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. (i) Nylon (ii) Cotton and cotton blends (iii) Canvas horse rugs	Mosquitoes, biting flies	(i) 15 mL in 500 mL water. (ii) 15 mL in 2 L water (iii) 15 mL in 500 mL water	The dilution rate depends on the water uptake rate of the material. Dip thoroughly for 2 minutes. Drain; then dry, preferably laid flat on a non-absorbent surface. Nets should not be hung up to drain. For horse rugs spray until run-off and allow to dry before putting on horse.
		12 mL/1 L water	Dip treat for 2 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.

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