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

DeltaPRO® 25 Professional Insecticide

ACTIVE CONSTITUENT: 25 g/L DELTAMETHRIN

GROUP 3A INSECTICIDE

For the control of a range of insect pests in various situations as specified in the directions for use

[IMPORTANT: Read the attached booklet before use]
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Contents: 500 mL, 1 L, 2 L, 2.5 L, 5 L, 10 L

GENERAL INSTRUCTIONS
Insecticide Resistance Warning

GROUP 3A INSECTICIDE

For insecticide resistance management DeltaPRO® 25 is a Group **3A** insecticide. Some naturally occurring insect biotypes resistant to DeltaPRO® 25 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 DeltaPRO® 25 or other Group **3A** insecticides are used repeatedly. The effectiveness of DeltaPRO® 25 on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Sundew Solutions Pty Ltd accepts no liability for any losses that may result from failure of DeltaPRO® 25 to control resistant insects. DeltaPRO® 25 may be subject to specific resistance management strategies. For further information contact your local supplier or Sundew Solutions representative.

Mixing
Prior to pouring, shake container vigorously, then add the required quantity of DeltaPRO® 25 to water while stirring.
Do not store diluted insecticide. Prepare a fresh solution as necessary. Do not spray the moving parts of any machinery, electric motors or switchgear with the water-based product.

Note on application to carpets
Whilst carpets are regarded as porous surfaces, excessive liquid application may produce water stains and therefore the non-porous surface rate should be used if possible. Hence, for short pile carpet, the maximum 5 L dilution rate (per 100 m²) should be sufficient. However, for long pile or shag carpet, the maximum 10 L dilution (per 100 m²) may be required to ensure effective penetration and application to all of the carpet pile. Since carpets vary in thickness, colour and material, it is highly recommended that a small, inconspicuous area of carpet be sprayed and allowed to dry first to ensure the application volumes are appropriate and that staining will not occur.

Note on application to ornamental plants
DeltaPRO® 25 has been used on a wide range of ornamental plant species without damage. However, some species and varieties are particularly sensitive to chemical sprays and as this is often related to local conditions, it is advisable to treat only a small number of plants first in order to ascertain their reaction before treating larger numbers.

USE AS A RESIDUAL SURFACE TREATMENT FOR CONTROL OF STORED PRODUCT PESTS
The following measures should be observed:
Ensure food items in store are not exposed to spray – if necessary, remove food items from the area to be treated. Allow all treated surfaces to dry before replacing food items – where possible avoid spraying actual surfaces which food is likely to directly contact.
Do not allow spray to contact food packaging material.
Discard any foodstuff accidentally contaminated with spray solution.

GENERAL PRECAUTIONS
For surface treatment only – do not spray into the atmosphere using foggers or other devices designed to create an aerosol.
Allow treated carpets to dry before resuming activity on them.
Avoid contact of spray with timber to which a stain or other finish is subsequently to be applied, unless the owner is notified that the timber will need additional preparation, consistent with that if water alone had contacted the timber. Evidence of water contact on timber is sometimes only evident once the stain has been applied.
Avoid contact with food, food utensils or surfaces on which food is prepared.
Before use – remove or cover all exposed foodstuffs. Cover all dishes and utensils and surfaces where food is prepared.
After use – thoroughly ventilate treated area. Clean up thoroughly before processing/serving resumes.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
Dangerous to fish. Cover fish tanks before using. Do not contaminate streams, rivers or waterways with the chemical or used container.

STORAGE AND DISPOSAL
Store in the 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 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 re-use empty container for any other purpose.

PRECAUTION - REHANDLING
Allow spray to dry thoroughly before handling materials (eg cut flowers and sawn logs) that have been treated with the product. If prior handling is necessary, wear chemically resistant gloves. Gloves must be washed after each day's use.

RE-ENTRY
Do not enter treated areas until the spray has dried.

SAFETY DIRECTIONS
Harmful if swallowed. May cause skin sensitisation by skin contact. Facial skin contact may cause temporary facial numbness. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist, washable hat, elbow length chemical resistant gloves and face shield. If product on skin, immediately wash area with soap and 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 and contaminated clothing.

FIRST AID
If poisoning occurs contact a doctor or Poisons Information Centre (phone Australia 131126)

MATERIAL SAFETY DATA SHEET
Additional Information is listed in the Material Safety Data Sheet.

LIMITATION OF LIABILITY
This product is designed only for the particular purposes indicated on this label. Failure to use this product strictly as directed may be illegal; prove dangerous; render the product ineffective and void any Warranty or Liability of Sundew Solutions Pty Ltd. So far as it is lawfully able to do so, Sundew Solutions Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

DIRECTIONS FOR USE

Restraint: **DO NOT** apply spray treatment outdoors if rain is imminent

SITUATION	PEST	RATE	CRITICAL COMMENTS
Domestic, commercial, industrial and public buildings: - including food processing establishments, shops, factories, ships, offices, schools, storerooms, hospitals, barracks, private houses and external areas associated with such establishments		Initial or cleanout rate 60 mL Maintenance rate 30 mL	For use on non-porous surfaces: dilute with 5 L of water and apply as a course spray at a rate of 5 L per 100 m^2 not exceeding the point of run-off. For use on porous surfaces or for use through power equipment: dilute with 10 L of water and apply per 100 m^2 of surface not exceeding the point of run-off.
	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.
	Web spinning spiders		Spray spiders, their webbing and areas where spiders may hide. It is recommended that webbing is left in place for a few days after spraying to optimise efficacy.
	Non-web spinning spiders		Spray areas where spiders are known to occur.
	Bed bugs		Apply to the bed-frame and walls, cracks, crevices and skirting boards in the vicinity of the bed. May also be applied to the edges and seams of the mattress but do not treat the flat surfaces which people sleep on.
	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 is required to destroy the nest. Alternatively, infested areas can be sprayed.
	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 suitable registered flea control product. The use of an Insect Growth Regulator is considered a useful supplementary treatment for flea control. See note on application to carpets.
	Silverfish		Direct spray to areas of potential infestation eg under skirting boards and furniture where dark conditions may favour silverfish populations.
	Carpet beetles		Apply to infested carpets particularly in areas of little or no traffic and underneath windows where adult beetles may be entering the building. See note on application to carpets.
	Clothes moths		Spray surfaces in areas where clothes are stored. Do not spray the clothes.
	Bird mites		Treat infested areas. Inspect roof voids and remove any bird nest material.

As above	Mosquitoes and houseflies	30 mL	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 near 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 migration of individuals from external untreated areas. A residual 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.
	Stored product insect pests		The use of this product for the control of stored product pests should be considered part of an integrated strategy to prevent development of insect populations. Best results will be obtained where good hygiene is maintained. Infested areas should be cleaned before spraying and regularly cleaned thereafter to reduce food sources for pests. When treating for beetle pests, pay special attention to sheltered areas such as cracks and crevices, under furniture and equipment, floors, walls and shelves. Adult moths can be controlled by applying this product to walls and surfaces where the adult flying moths come to rest.
Mosquito bed-net treatment	Mosquitoes and sandflies	(Synthetic mosquito net) 16 mL in 0.5 L of water	Note that the amount of DeltaPRO® 25 adsorbed onto the fabric will depend largely on the material to be treated. These rates are specific to these net materials - other materials may have different rates of adsorption and this will affect the dose obtained. The nominal target dose for these rates is 1 mL of DeltaPRO® 25 (equivalent to 25 mg of deltamethrin) per square metre of net.
		(Cotton mosquito net) 16 mL in 2 L of water	
Cut flowers for export	Quarantine pests	100 mL/100 L water	Flowers must be totally submerged in the diluted product for not less than 1 minute and then left to dry naturally for 2 hours.
For short term protection of freshly felled pine logs prior to debarking	Five-spined bark beetle (*Ips grandicollis*)	40 mL in 10 L water	Apply by knapsack or power sprayer at the rate of 10 L per 100 square metres of surface area. For best results, apply promptly after felling or sawing operations.
For short term protection of freshly felled logs, poles, posts and sawn timber including *in situ* timbers	Beetle family *Anobiidae* Beetle family *Bostrychidae*		

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

DeltaPRO® is a Registered Trademark of Sundew Solutions Pty Ltd

Sundew Solutions Pty Ltd
3 Tramore Close
Templestowe Victoria 3106
Phone 1800 786 339
www.sundewsolutions.com.au

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