

DIRECTIONS FOR USE

RESTRAINT

DO NOT apply spray treatment outdoors, if rain is imminent.

SITUATION	PEST	RATE	CRITICAL COMMENTS
Domestic, Commercial and Public buildings:- including food processing establishments, shops, factories, ships, offices schools, storerooms, hospitals, barracks, private houses and external areas associated with such establishments	Cockroaches	Initial treatment 150mL	Conduct a thorough inspection and apply to known and potential cockroach harbourages. A barrier application around areas where cockroach infestations maybe originating is also suggested.
	Web-spinning spiders	Maintenance treatments 75 mL	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	(Refer to "Use as a Surface Spray" section for dilution rates)	Spray areas where spiders are known to occur.
	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.
	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. See also the notes on application to carpets below.
	Silverfish		Direct spray to area of potential infestation eg. Under skirting boards and furniture where dark conditions may favour silver fish populations.
	Bed-bugs	Apply to the bed-frame and walls, cracks, crevices and skirting boards in the vicinity of the bed.	
	Bird mites	Treat infested areas. Inspect roof voids and remove any old bird nest material. A suitably registered dust product such as Barmac Permethrin D Insecticide Dust is recommended for treatment of roof void areas	
	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 also the note on application to carpets below.	
	Clothes moths	Spray surfaces in areas where clothes are stored. DO NOT spray the clothes themselves.	

CAUTION

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

BARMAC

DELTA FORCE

INSECTICIDE



Active Constituent: 10 g/L DELTAMETHRIN

GROUP

3A

INSECTICIDE

5L
Contents

FOR CONTROL OF A RANGE OF INSECT PESTS IN VARIOUS SITUATIONS AS PER THE DIRECTIONS FOR USE TABLE.



BARMAC INDUSTRIES PTY LTD
Box Flat Estate, Swanbank Rd,
SWANBANK, QLD 4306
Phone: (07) 3280 3000

Batch
Number:
Date of
Manufacture:

APVMA APPROVAL NUMBER 58044/5L/1103

Domestic, Commercial and Public buildings:- including food processing establishments, shops, factories, ships, offices schools, storerooms, hospitals, barracks, private houses and external areas associated with such establishments	Mosquitoes and houseflies	75 mL (Refer to "Use as a Surface Spray" section for dilution rates)	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 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.
	Stored product insect pests		The use of this product in 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 prior to application 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 flying adult moths come to rest.
Cut flowers for export	Quarantine pests	250 mL per 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 to debarking	Five-spined bark beetle (<i>Ips grandicollis</i>)	100 mL in 10L water	Apply through knapsack or power sprayer at the rate of 10 L per 100 m ² of surface area. NB – 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.

GENERAL INSTRUCTIONS

Mixing / Application

Shake original container before use. Periodically agitate suspension during application to ensure thorough mixing. For best results, form a pre-mix of the required amount of product with an equal volume of water. Stir thoroughly. Add to spray tank and dilute with remaining amount of water. Agitate thoroughly.

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.

Use as a surface spray

For use on non-porous surfaces: dilute required amount of product with 5L of water and apply as a coarse spray at a rate of 5L per 100m² not exceeding the point of run-off.

For use on porous surfaces or for use through power equipment: dilute required amount of product with 10L of water and apply per 100m² of surface, not exceeding the point of run-off.

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 adopted if possible.

Hence for short pile carpet, the 5L dilution rate (per100m²) should be sufficient. However, for long pile or shag carpet, the 10L dilution rate (per 100m²) may be required, to ensure effective penetration and application to all of the carpet-pile.

Since carpets vary in their thickness, colour and material it is recommended that a small, inconspicuous area of carpet be sprayed and allowed to dry first to ensure that staining will not occur.

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 and discard any foodstuff accidentally contaminated with spray solution.

PRECAUTIONS

General:

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. 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.

INSECTICIDE RESISTANCE WARNING

For insecticide resistance management, Barmac Delta Force is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Barmac Delta Force Insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Barmac Delta Force or other Group 3A insecticides are used repeatedly. The effectiveness of Barmac Delta Force on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Barmac Industries Pty Ltd accepts no liability for any losses that may result from the failure of Barmac Delta Force to control resistant insects. For information about strategies for managing insecticide resistance contact your local supplier or Barmac Industries Pty Ltd.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. 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 or preferably pressure 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm 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.

PRECAUTION – RE- HANDLING

Allow spray to dry thoroughly, before handling materials (eg. Cut flowers and sawn logs) that have been treated with Barmac Delta Force. If prior handling is necessary wear chemical resistant gloves. Gloves must be washed after each day's use.

SAFETY DIRECTIONS

Harmful if swallowed. Facial skin contact may cause temporary facial numbness. Will irritate 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 PVC gloves and face shield. If product on skin, immediately wash area with soap and water. If in eyes, wash out immediately with 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 - (telephone 13 11 26).

MATERIAL SAFETY DATA SHEET:

Additional information is listed on the Material Safety Data Sheet available from Barmac Industries Pty Ltd or from our internet site www.barmac.com.au.

NOTICE

This product is designed only for the particular purposes indicated on the label. Failure to use the product strictly as directed may be illegal, prove dangerous and render the product ineffective. The buyer or user is responsible for any misuse or negligence in the handling, storage, use of or disposal of this material. Barmac Industries Pty Ltd will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply and use of this product other than those responsibilities mandatorily imposed by Statutes applicable to the sale and supply of these goods