

MAIN PANEL

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



Responsar*[®] *Beta

RESIDUAL INSECTICIDE

**CONTAINS: 125 g/L BETACYFLUTHRIN
in the form of suspension concentrate**

500 mL

For the control of cockroaches, spiders, ants, fleas, flies, silverfish, bedbugs, mosquitoes, clothes moths, carpet beetles and stored product pests in the situations specified in the directions for use table.

IMPORTANT: Read the attached booklet before use.

APPROVED PURSUANT TO THE HSNO ACT 1996, No. HSR000275

See www.ermanz.govt.nz for approval controls

Back label**DANGER****Keep out reach of children****Read safety directions and safety data sheet before opening or using****RESPONSAR BETA RESIDUAL INSECTICIDE****Contains: 125 g/L betacyfluthrin in the form of a suspension concentrate**

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HSNO CLASSIFICATIONS: 6.1C, 6.3B, 6.4A, 6.8C, 6.9A, 9.1A, 9.3C, 9.4A		
<i>Toxic pictogram</i>	<i>Chronic Toxic Pictogram</i>	<i>Ecotoxic Pictogram</i>
<p>WARNING: Poisonous if absorbed by skin contact, inhaled, or swallowed. Causes mild skin irritation Causes eye irritation May cause harm to breast-fed children Causes damage to organs thorough prolonged or repeated exposure Very toxic to aquatic life and terrestrial invertebrates Harmful to terrestrial vertebrates</p>		
<p>SAFETY DIRECTIONS: Avoid contact with eyes and skin. Do not inhale vapour and spray mist. When preparing the spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow length PVC gloves and half facepiece respirator. When using the prepared spray wear cotton overalls buttoned to the neck and wrist, a washable hat, and rubber gloves. Use with adequate ventilation. Do not eat, drink or smoke while using. After use remove protective clothing and wash hands, arms, and face thoroughly with soap and water. After each day's use wash gloves, respirator and if rubber wash with detergent and warm water, and contaminated clothing. Possible effects of betacyfluthrin are neurotoxicity and effects via lactation.</p> <p>STORAGE AND DISPOSAL Store in tightly closed, original container in a safe, well ventilated area, as cool as possible away from foodstuffs. Do not store for prolonged periods in direct sunlight. Triple rinse containers before disposal and add residue to the spray tank. Burn empty container if circumstances especially wind direction permit. Otherwise bury in a suitable landfill. Do NOT re-use containers for any other purpose.</p> <p>ENVIRONMENTAL PROTECTION: Very toxic to aquatic organisms and terrestrial invertebrates. Avoid contamination of any water supply with product or empty container. Toxic to bees; avoid spraying in areas where bees are foraging. When used by a commercial contractor or applied in a widely dispersive manner this product must be under the control of an approved handler.</p> <p>EMERGENCY RESPONSE For specialist advice in an emergency call 0800 734 607(24 hours)</p>		

FIRST AID

If swallowed do NOT induce vomiting.

For advice contact the NATIONAL POISONS CENTRE (0800 764766) or a doctor immediately.

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

If splashed in eyes wash out immediately with clean water.

If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

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 Bayer 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. Bayer 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 Bayer 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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<p>SPECIALIST ADVICE IN EMERGENCY ONLY DIAL 0800 734607 NEW ZEALAND-WIDE</p>

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Batch Number:

DOM:

Directions for use:

Situations	Rate	Pest	Critical Comments
Domestic, commercial, industrial and public buildings: - including food processing establishments, shops, factories, farm buildings, ships, offices, schools, storerooms, hospitals, barracks, private houses and external areas associated with such establishments.	Initial or Cleanout rate 4 mL/L Maintenance rate or when used as a tank mix with a larvicide 2 mL/L		These rates translate to a target deposition rate of 12.5 - 25 mg of betacyfluthrin per square metre of surface. Best-Practice Recommendation: <ul style="list-style-type: none"> • Estimate area of surface which needs to be treated • Calibrate spray equipment to identify mixed volume necessary to achieve coverage of target area • Measure out required volume of Resposar Beta and mix according to General Instructions below. As a guide: For use on non-porous surfaces; dilute with up to 5 L of water per 100 m ² , not exceeding the point of run-off. For use on porous surfaces; dilute with up to 10 L of water per 100 m ² of surface, not exceeding the point of run-off. Use the higher rate when pest pressure is high or conditions warrant it.
		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. Repeat application as required.
		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.
		Ants	Where possible locate the nest and spray directly into nest entrances. 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 note on application to carpets below.
		Mosquitoes and Flies	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..

Inside booklet contd.**Directions For Use (Contd):**

Situations	Rate	Pest	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 4 mL/L	Silverfish	Direct spray to areas of potential and existing infestations eg under skirting boards and furniture where dark conditions may favour silverfish populations. If spraying inside cupboards or storage areas remove clothing and utensils etc before spraying.
		Crickets	Spray infested areas. In addition a barrier treatment can be sprayed across areas where these pests enter buildings.
	Maintenance rate or when used as a tank mix with a larvicide 2 mL/L	Clothes moths	Spray surfaces in areas where clothes are stored. DO NOT spray the clothes themselves.
		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.
		Bedbugs	Apply to the bed-frame and walls, cracks, crevices and skirting boards in the vicinity of the bed.
		Stored Product 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.

GENERAL INSTRUCTIONS**MIXING**

Shake original container before use. 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.

Periodical agitation of the suspension during application may help to ensure continued distribution during use. Do not store diluted insecticide. Prepare a fresh solution as necessary.

APPLICATION

Responzar Beta is a suspension concentrate formulation intended to be applied diluted, as a residual surface spray. A range of different types of spray application equipment may be used to apply it. Any equipment used must be adequately calibrated to deliver the target rates indicated in the directions for use.

If misting application equipment is used to deliver a residual surface deposit then precautions should be taken to protect the user against exposure and inhalation to fine droplets. The user should also be aware of the greater potential for off-target drift with use of finer droplets and precautions taken to ensure non-target surfaces are protected from deposits.

Precautions

Do not spray the moving parts of any machinery, electric motors or switchgear with the water-based product.

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 areas. Clean up thoroughly before processing/serving resumes. Wash all food contact surfaces thoroughly before reintroducing any foodstuffs.

Do not use in areas where edible dairy or meat products are processed, packed or stored.

Do not use where food packaging materials (cartons, liners etc.) are stored or assembled.

Do not apply near air vents or ducts in food stores or processing plants while they are in operation.

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 5 L dilution rate (per 100 m²) should be sufficient. However, for long pile or shag carpet, the 10 L dilution rate (per 100 m²) 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.

ALLOW TREATED CARPETS TO DRY BEFORE RESUMING ACTIVITY ON THEM.

Note on application to timber:

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.

Residual surface treatments for the 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.

RE-ENTRY

Do not enter treated areas until the spray has dried.

RECORD KEEPING

Regulation 5,6 of the Hazardous Substances Regulation 2001 have been changed for this substance.

Records of use, , must be kept if more than 200mL is applied or discharged within 24 hours in a place where, members of the public may be present or the substance is likely to enter air or water and leave the place.

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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.

