

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

Cislin[®]

RESIDUAL INSECTICIDE

Active Constituent: 10 g/L DELTAMETHRIN

GROUP 3A INSECTICIDE

For control of a range of insect pests in various situations as per the DIRECTIONS FOR USE table

GENERAL INSTRUCTIONS

Insecticide Resistance Warning

For insecticide resistance management, Cislin is a Group **3A** insecticide.

Some naturally occurring insect biotypes resistant to Cislin 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 Cislin or other Group **3A** insecticides are used repeatedly. The effectiveness of Cislin 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 Cislin to control resistant insects.

For information about strategies for managing insecticide resistance contact your local supplier or Bayer Environmental Science representative.

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.

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.

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.

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.

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 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.

PRECAUTION – RE-HANDLING

Allow spray to dry thoroughly, before handling materials (eg. cut-flowers and sawn logs) that have been treated with Cislin. 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 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 PVC 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 (telephone 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.

Cislin® is a Registered Trademark of Bayer.

NRA Approval No.: 32223/1002

FOR 24 HOUR SPECIALIST ADVICE IN EMERGENCY ONLY PHONE 1800 033 111
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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 treatment 150 mL	For use on non-porous surfaces; dilute with 5 L of water and apply as a coarse 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.
		Maintenance treatments 75 mL	
	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.
	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. 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 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.
	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 Coopex [®] Insecticidal Dusting Powder is recommended for treatment of roof void areas.	

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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.	Carpet beetles	Initial treatment 150 mL	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.
	Clothes moths	Maintenance treatments 75 mL	Spray surfaces in areas where clothes are stored. DO NOT spray the clothes themselves.
	Mosquitoes and Houseflies	75 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 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.
	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 prior to debarking	Five-spined bark beetle (<i>Ips grandicollis</i>)	100 mL in 10 L 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 <i>in situ</i> timbers	Beetle family <i>Anobiidae</i> , Beetle family <i>Bostrychidae</i> ,		

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