MAIN PANEL

CAUTION

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

Cislin® 25

PROFESSIONAL INSECTICIDE

ACTIVE CONSTITUENT: 25 g/L DELTAMETHRIN

GROUP	3A	INSECTICIDE

1000 L

For 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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(Label code)

FRONT PAGE OF BOOKLET

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CISLIN 25 PROFESSIONAL INSECTICIDE

ACTIVE CONSTITUENT: 25 g/L DELTAMETHRIN

GROUP	3A	INSECTICIDE

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

IMPORTANT: FULL DIRECTIONS ARE CONTAINED IN THIS BOOKLET.
THIS MUST BE READ BEFORE USE.

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. DO NOT burn empty containers or product. DO NOT re-use empty containers for any other purpose.

PRECAUTION – RE-HANDLING
Allow spray to dry thoroughly, before handling materials (eg. cut-flowers and sawn logs) that have been treated with Cislin 25. If prior handling is necessary wear chemical 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 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 (Phone Australia 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.

REAR PANEL ATTACHED TO CONTAINER

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REAR PANEL (attached to container)

APVMA Approval No.: 62147/1 L /0510
APVMA Approval No.: 62147/5 L /0510
APVMA Approval No.: 62147/1000L/0510

Cislin®, Maxforce® and Starycide® are Registered Trademarks of Bayer.

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FOR 24 HOUR SPECIALIST ADVICE
IN EMERGENCY ONLY
PHONE **1800 033 111**

*Batch Number:
*Date of Manufacture:

*Bar code:

(**drumMUSTER* logo on 5 L container only)

Label code

(* On rear panel attached to container only)

BOOKLET

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.		**Non-porous surfaces:** 30 – 60 mL in 5 L water/100 m^2 **Porous surfaces:** 30 – 60 mLin up to 10 L water/100 m^2	Do not exceed the point of run-off. The target deposition rate is 0.3 – 0.6 mL of Cislin 25 (equivalent to 7.5 - 15 mg of deltamethrin) per square metre of surface. Use the higher rate when pest pressure is high or conditions warrant it. **Best-Practice Recommendation:** • 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 Cislin 25 and mix according to General Instructions below.
	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. In situations where the nest cannot be located then baiting with a suitably registered product (eg. Maxforce Liquid Ant Bait, Maxforce Granular Ant Bait) is the control method choice. Alternatively infested areas can be sprayed with this product.
	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.
	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.
	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.
	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, Maxforce White or Maxforce Prime Cockroach Gel be applied as per the registered label on those products.

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.	Fleas	**Non-porous surfaces:** 30 – 60 mL in 5 L water/100 m^2 **Porous surfaces:** 30 – 60 mL in up to 10 L water/100 m^2	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. The use of an Insect Growth Regulator (such as Starycide) is considered a useful supplementary treatment for flea control. **See also the note on application to carpets below.**
	Silverfish		Direct spray to areas of potential infestation eg under skirting boards and furniture where dark conditions may favour silverfish populations.
	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.
	Mosquitoes and Houseflies	**Non-porous surfaces:** 30 mL in 5 L water/100 m^2 **Porous surfaces:** 30 mL in up to 10 L water/100 m^2	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.

SITUATION	PEST	RATE	CRITICAL COMMENTS
External areas and surrounds of domestic, commercial and public buildings and structures, untended verges, surrounds of sporting venues etc (and other areas where ticks are found)	Paralysis ticks (*Ixodes holocyclus*)	**Non-porous surfaces:** 60 mL in 5 L water/100 m^2 **Porous surfaces:** 60 mL in up to 10 L water/100 m^2	Apply to outside surfaces of buildings and surrounds including but not limited to foundations, soil, turf, trunks of woody ornamentals and other areas where ticks congregate or have been seen. This treatment is intended to control ticks which are present at the time of application. Repeat application may be required during times of high tick activity. When used in domestic garden situations where domestic pets are present it is recommended that the animals also be treated with an appropriately registered ectoparasiticide.
Mosquito Bed-net treatment	Mosquitoes and sandflies	(Synthetic mosquito net) 16 mL in 0.5 litres of water (Cotton mosquito net) 16 mL in 2 litres of water	Note that the amount of Cislin 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 absorption and this will affect the dose obtained. The nominal target dose for these rates is 1 mL of Cislin 25 (equivalent to 25 mg of deltamethrin) per m^2 of net.
Cut-flowers for export	Quarantine pests	100 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 *(Ips grandicollis)*	40 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 *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

Insecticide Resistance Warning

GROUP	**3A**	INSECTICIDE

For insecticide resistance management, Cislin 25 is a Group 3A insecticide.
Some naturally occurring insect biotypes resistant to Cislin 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 Cislin 25 or other Group 3A insecticides are used repeatedly. The effectiveness of Cislin 25 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 25 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 maximum 5 L dilution rate (per 100 m^2) should be sufficient. However, for long pile or shag carpet, the maximum 10 L dilution rate (per 100 m^2) 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 highly recommended that a small, inconspicuous area of carpet be sprayed and allowed to dry first to ensure that application volumes are appropriate and that staining will not occur.

Note on application to ornamental plants:
Cislin 25 Professional Insecticide 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 quantities.

BOOKLET CONTD

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.

MOSQUITO BED-NET IMPREGNATION:

THIS PRODUCT IS NOT FOR USE AS AN INSECT REPELLENT ON THE SKIN.
Avoid contact with food, food utensils or places where food is prepared or stored.

Instructions for use:

- Nets to be treated should be washed and dried before treating
- Put on chemical resistant gloves before starting the dipping process
- Measure correct volume of water into dipping bowl or container.
- Measure correct volume of insecticide concentrate.
- Pour concentrate into water
- Stir water thoroughly to ensure even suspension
- Put net into liquid and push it up and down and turn over several times pushing the liquid into the net.
- Lift net clear of liquid and allow any excess to drain back. DO NOT wring out excess solution from net as this will result in an uneven coverage of the net.
- Lay net flat on plastic sheet in shade until just damp.
- Hang on line in shade for final drying.
- Fix net over bed and use every night in all seasons when mosquitoes are present.
- Re-treat net once a year or after 3 washes - this product will remain effective after the net is washed up to three times.

When used as directed Cislin 25 will be effective at improving the protection afforded by a mosquito-net for up to 12 months. Keep impregnated nets in a sealed plastic bag out of direct sunlight when not in use to maximise duration of effectiveness.
The use of an insecticide treated bed-net will reduce the chances of being bitten by an insect which may carry disease; it should not be relied upon as the sole means of protection against insect-borne diseases. Other measures should also be considered and medical advice sought in relation to this matter.

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. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

APVMA Approval Number: 62417/0510