CAUTION

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

Demand® 100CS

Insecticide

syngenta®

ACTIVE CONSTITUENTS: 100 g/L LAMBDA-CYHALOTHRIN

GROUP 3A INSECTICIDE

A residual surface treatment for the control of various insect pests Ants, Cockroaches, Fleas, Flies, Mosquitoes, Silverfish, Spiders and Ticks in commercial, domestic, industrial and public situations

Syngenta Australia Pty Ltd
Level 1, 2 Lyonpark Road, Macquarie Park NSW 2113

In a transport emergency dial 000, Police or Fire Brigade
For specialist advice in an emergency only, call 1800 033 111 (24 hours)

APVMA Approval No: 87293/139507
Item number

DIRECTIONS FOR USE

Restraints

DO NOT apply by aircraft
DO NOT apply if heavy rains or storms are forecast within 3 days
DO NOT irrigate to the point of runoff for at least 3 days after application
DO NOT use in farm buildings where grain or crop produce is stored
DO NOT apply to mud, sand, mangroves or aquatic habitats
DO NOT use on turf or lawns

Situation	Pests	Rate/10 L Water	Critical Comments
Commercial, domestic, industrial and public buildings including barracks, factories, farm buildings, food processing/handling establishments, hospitals, hotels and motels, offices, residential homes, restaurants, schools, shops, storerooms, transportation equipment such as aircraft, boats, buses, ships, trains, warehouses and other situations which fall within the above definitions including outdoor or external areas associated with such establishments **On surfaces including** cement (painted, unpainted and rendered), ceramic tiles, painted plasterboard, steel (stainless and enamelled), wood (painted and unpainted)	Ants, Cat Flea, House Flies	50 mL	Apply dilute spray at the rate of 10 L/200 m^2 or to runoff. **Ants, cockroaches and house flies** ***Indoors*** DEMAND 100CS (50 mL rate only) can deliver residual control of up to 12 months. ***Outdoors*** DEMAND 100CS (50 mL rate only) can deliver residual control of up to 3 months. **Crawling insects** Locate possible harbourages and thoroughly apply DEMAND 100CS as a coarse low pressure spray to these areas. Barrier spraying around infestation origin points may increase control. **Flying insects** Apply as a residual surface treatment to indoor and outdoor areas where insects rest or harbour.
	American Cockroaches (*Periplaneta americana*)	Clean out 40 mL	
		Maintenance 25 mL	
	German Cockroaches (*Blattella germanica*)	Clean out 50 mL	
		Maintenance 25 mL	
	Mosquitoes, Spiders	40 mL	
	Silverfish	25 mL	
Vegetation such as bushes, hedges, leaf litter, ornamentals and shrubs, particularly in shady and damp areas around buildings	Mosquitoes	40 mL	Create a perimeter barrier by applying to the vertical face of the outer perimeter of vegetation harbouring mosquitoes. Apply a spray volume of 10 L/200 m^2 vertically from the leaf litter at the base to a height not exceeding 2 metres. Ensure good coverage to both leaf surfaces and good penetration into the vegetation barrier. DEMAND 100CS can deliver residual control of up to 14 weeks with reduced activity over time. Re-apply at intervals no less than 10 weeks during the mosquito season. NOTE: NOT all native species have been tested for phytotoxicity. If concerned treat a small area first.
Outdoor areas including (but not limited to), leaf litter areas, undergrowth, garden beds, pavers, paths, verandas, external areas of commercial, domestic and public buildings/structures	Ticks: Australian paralysis tick (*Ixodes holocyclus*) Brown dog tick (*Rhipicephalus sanguineus*)	25 - 50 mL	Apply dilute spray at the rate of 10 L/200 m^2 or to runoff. Ensure good coverage to surfaces where pests congregate or have been seen. Use the higher rate when pest pressure is high or when rapid knockdown is required, and/or maximum residual control is required (up to 30 days). Use the lower application rate in low pressure situations as a maintenance application. NOTE: NOT all native species have been tested for phytotoxicity. If concerned treat a small area first.

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

GENERAL INSTRUCTIONS

Mixing
1. Half fill the spray tank with water.
2. Shake DEMAND 100CS well before use.
3. Measure the required amount of DEMAND 100CS.
4. Pour the measured dose of DEMAND 100CS into the sprayer.
5. Add the remaining water, close sprayer, shake and pump to correct pressure and apply spray.

Insecticide Resistance Warning **GROUP 3A INSECTICIDE**

For insecticide resistance management DEMAND 100CS Insecticide is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to DEMAND 100CS 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 DEMAND 100CS or other Group 3A insecticides are used repeatedly. The effectiveness of DEMAND 100CS on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Syngenta Australia Pty Ltd accepts no liability for any losses that may result from the failure of DEMAND 100CS to control insects. DEMAND 100CS may be subject to specific resistance management strategies. For further information contact your local supplier, Syngenta representative or local agricultural department agronomist.

PRECAUTIONS

Cover all foodstuffs before application. DO NOT allow spray to contact food, food preparation surfaces and utensils. When using in farm buildings do not spray directly onto livestock, their food, water, litter, feed bins or surfaces accessible to stock.
Before Use: Remove or cover all exposed foodstuff. Cover all dishes and utensils and surfaces where food is prepared. Remove animals, remove or cover all exposed stock feed, feed and water containers and troughs, places where stock feed is prepared or stored, and milking equipment. All people and animals should be removed from areas prior to treatment.
After Use: Thoroughly ventilate treated areas. Clean up thoroughly before processing/serving resumes.

RE-ENTRY (treated vegetation)

DO NOT allow entry into treated areas until spray has dried. If prior entry is necessary wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use. If areas treated are readily accessible by the public, a suitable DO NOT ENTER – CHEMICAL SPRAYING IN PROGRESS warning sign should be erected, until the spray has dried.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers. Remove or cover fish tanks before use.

Toxic to native mammals. However, the use of this product as directed is not expected to have adverse effects on wildlife.

PROTECTION OF HONEYBEES AND OTHER INSECT POLLINATORS

Highly toxic to bees. DO NOT spray when bees are actively foraging. DO NOT allow spray drift to flowering plants in the vicinity of the treatment area. Risks to bees is reduced by spraying in early morning and late evening while bees are not foraging.

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. 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 and or product.

SAFETY DIRECTIONS

May irritate eyes and skin. Facial skin contact may cause temporary facial numbness. Avoid contact with eyes and skin. When opening the container, preparing the spray and using the prepared spray wear:

- **cotton overalls buttoned to the neck and wrist (or equivalent clothing)**
- **elbow-length chemical resistant gloves**

Wash hands after use. After each day's use wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131 126. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

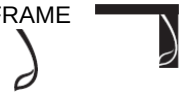
SAFETY DATA SHEET

If additional hazard information is required refer to the Safety Data Sheet. For a copy visit our website at www.syngentappm.com.au or www.syngenta.com.au or use the QR code on this label.

DISCLAIMER

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability.

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Batch No	
Date of Manufacture	