POISON

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

Demand® Duo Insecticide

syngenta®

ACTIVE CONSTITUENTS: 38 g/L LAMBDA-CYHALOTHRIN
125 g/L THIAMETHOXAM

GROUP	3A	4A	INSECTICIDE

For the control of various insect pests including Ants, Bedbugs, Cockroaches, Fleas, Flies, Portuguese Millipedes, Paper wasps, Silverfish and Spiders in domestic, commercial, public and industrial situations, as per Directions for Use

Syngenta Australia Pty Ltd
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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: 85595/113694
Item number

DIRECTIONS FOR USE

Restraints:
DO NOT apply product by spraying equipment carried on the back of the user
DO NOT apply by aircraft
DO NOT apply outdoors if heavy rains or storms are forecast within 3 days
DO NOT apply to mud, sand, mangroves or aquatic habitats
DO NOT spray into the air as a space spray, or use in any fogging device
DO NOT use water based sprays in electrical conduits, motor housings, junction boxes, switch boards or other electrical equipment because of possible shock hazards
DO NOT use in farm buildings where grain or crop produce is stored
DO NOT use on bed linens, mattresses, box springs or other areas where human contact is common

DIRECTIONS FOR USE

Situation	Pest	Rate	Critical Comments
Internal and External areas of commercial, domestic, industrial and public buildings & structures including; barracks, factories, farm buildings, food processing /handling establishments, hospitals, hotels and motels, offices, residential homes, restaurants, shops, schools, storerooms, transportation equipment such as aircraft, boats, buses, ships, trains, warehouses and other commercial and domestic situations. **On surfaces including;** cement (painted, unpainted and rendered). ceramic tiles, painted plasterboard, vegetation, soil, steel (stainless and enamelled), wood (painted and unpainted)			Apply at a rate of 5 L of spray solution per 100m^2 for all uses
	Ants including: Argentine ants *(Linepithema humile),* Coastal brown ant *(Pheidole megacephala),* Pavement ants *(Tetramorium caespitum),* Black house ants *(Ochetellus glaber),* Red imported fire ants *(Solenopsis invicta)*	**Maintenance:** 20 mL/5 L **Initial Clean out:** 40 mL/5 L	Apply as a coarse low pressure surface spray for direct treatment and residual control. When possible, apply directly to foraging ants, ant runs and nests Apply a perimeter spray to areas of infestation and entry points such as structures, walls, windows, garden beds and hard surfaces For areas where sprays are not suitable (for example around electrical boxes) the use of Advion® or Optigard Ant Gel is recommended.
	Bedbugs	40 mL/5 L	Apply as a low pressure coarse spray to infested areas for direct treatment and residual control. Treatment should be directed as a spot, crack and crevice, and/or void treatment to areas where bedbugs harbour e.g. bed frames, head boards, base boards, bed side tables, cupboards, shelves, mouldings, door frames, window frames, behind mirrors and picture frames; around edges of carpet and floor coverings, skirting boards, and cracks and crevices. DO NOT use on bed linens, pillows, mattresses or cloths.
	Cockroaches, including: Australian Cockroaches *(Periplaneta australasiae),* American Cockroaches *(Periplaneta americana),* German Cockroaches *(Blattella germanica),* Oriental Cockroaches *(Blatta orientalis).*	**Maintenance:** 20 mL/5 L **Initial Clean out:** 40 mL/5 L	Apply as a coarse low pressure surface spray for direct treatment and residual control. Apply to harbourages, cracks and crevices and voids. A barrier/ perimeter spray around infestation origin points is recommended around structure/ rooms. For areas where sprays are not suitable the use of Advion Cockroach Gel is recommended.

Situation	Pest	Rate	Critical Comments
	Flies	40 mL/5 L	Apply as a coarse spray to surfaces where flies harbour for residual control.
	Fleas	**Maintenance:** 20 mL/5 L **Initial Clean out:** 40 mL/5 L	Prior to application, remove pets, clean and vacuum infested areas, dispose of waste to prevent re-infestation. Spray infested areas as necessary where fleas harbour. Use initial clean out rate for rapid knockdown and maximum residual protection.
	Paper nest wasps		Apply directly to the nest ensuring thorough and even coverage to the point of run off. When all the adult wasps have been knocked down the nest may be safely removed
	Portuguese Millipedes *(Ommatoiulus moreletii).*		Apply as a coarse spray to infested areas, known harbourages and/or voids
	Spiders		Apply as a coarse low pressure spray directly to spiders and webs. For residual control apply spray to known spider harbourage and cracks and crevices. Webbing should be left in place for a few days after application.
	Silverfish		Apply as a coarse spray directly to areas of infestations such as under skirting boards and furniture.

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

GENERAL INSTRUCTIONS

DEMAND DUO is intended for dilution with water for application using hand-held or power-operated application equipment as a coarse spray for crack-and-crevice, spot treatments, perimeter treatments and surface treatments. Application equipment that delivers low-volume treatment may also be used.

Mixing and Application

1. Half fill the spray tank with water.
2. Shake DEMAND DUO well before use.
3. Measure the required amount of DEMAND DUO using the device attached to the cap.
4. Pour the measured dose of DEMAND DUO into the sprayer.
5. Add the remaining water, close sprayer, shake and pump to correct pressure and apply spray at a rate of 5 L of spray solution per 100 m^2.

Insecticide Resistance Warning

GROUP 3A 4A INSECTICIDE

For insecticide resistance management DEMAND DUO Insecticide is a Group 3A and Group 4A insecticide. Some naturally occurring insect biotypes resistant to DEMAND DUO and other Group 3A and 4A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if DEMAND DUO or other Group 3A and 4A insecticides are used repeatedly. The effectiveness of DEMAND DUO 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 DUO to control insects. DEMAND DUO may be subject to specific resistance management strategies. For further information contact your local supplier, Syngenta representative or local agricultural department agronomist.

PRECAUTIONS

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.

Remove or cover all foodstuffs before application. DO NOT allow spray to contact food, food preparation surfaces and utensils.

When using in farm buildings remove animals, DO NOT spray directly onto livestock, feed preparation areas, animal food, water, litter, feed bins, troughs or surfaces accessible to stock.

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.

PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS
Highly toxic to bees. The use pattern as per the Directions for Use is not expected to result in exposure to bees.

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 or product.

SAFETY DIRECTIONS
Harmful if swallowed. May irritate the 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.**

If product on skin, immediately wash area with soap and water. 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 phone 1800 067 108, or visit our website at www.syngenta.com.au

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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