CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

SUSPEND® FLEXX

INSECTICIDE

ACTIVE CONSTITUENT **25 g/L DELTAMETHRIN**

GROUP 3A INSECTICIDE

For control of a range of insect pests in various indoor and outdoor situations as specified in the Directions for Use.

250 mL - 1000 L

DIRECTIONS FOR USE

PROFESSIONAL PEST MANAGEMENT USES

SITUATION	PEST	RATE per L WATER	CRITICAL COMMENTS
Internal and external areas and surrounds of domestic, commercial, industrial and public buildings and structures	**Indoor pests**	**1.6 mL–10 mL**	Select rate from **RATE TABLE*** depending on pest and type of control required. Refer also to **APPLICATION** details under **GENERAL INSTRUCTIONS.** Treat where pests have been seen or found or can find shelter. Treat areas where pests normally feed or hide, such as skirting boards, corners, around water pipes, behind and under refrigerators, cabinets, sinks and stoves. This product can be applied to wall/floor junctions, ceilings, in and around cabinets, between, behind and beneath equipment and appliances, around floor drains, window and door frames, vents and eaves and around plumbing, sinks and other possible pest harbourage sites. Void applications can be made behind veneers, piers and chimney bases, into rubble foundations, into block voids and structural voids, wall voids, under slabs, porches or to the soil in crawl spaces and other similar voids.
	Outdoor pests	**1.6 mL–10 mL**	Select rate from **RATE TABLE*** depending on pest and type of control required. Refer also to **APPLICATION** details under **GENERAL INSTRUCTIONS.** **Residual Spray**: Apply this product to surfaces on building exteriors, porches, patios and other structures, around doors and windows, eaves and attic vents, utility entry points and other exterior openings (including foundation cracks or drilled holes) where pests enter the structure or where they have been seen or found or can find shelter. **Perimeter treatments**: Treat the outside of the structure, including walls (to a height of 0.5 – 1.0 m), around door and window frames and eaves where pests are active or may hide. Treat the soil, turf or other ground covering adjacent to the structure (in a band up to 3 m wide) where pests are seen, have been found or can find shelter. In ant management programs, apply to flower, shrub or ornamental plant beds where ants may be nesting, find food or forage.

***RATE TABLE** for **PROFESSIONAL PEST MANAGEMENT USES**

PEST	RATE per L WATER	WHEN TO USE
Crawling insects including ants, bed bugs, bird mites, carpet beetles, clothes moths, cockroaches, fleas, silverfish, spiders (web-spinning and non-web-spinning), ticks including paralysis ticks; **Flying insects** including house flies and mosquitoes; **Stored product insect pests**		Residual control periods, especially for lower product rates, are guidelines only and could vary considerably with pest species, infestation levels, the surface treated and environmental degradation conditions.
	10 mL	Use this rate for control of bedbugs and cat fleas and for the control of crawling and flying insects where a residuality of at least 12 weeks is required under difficult conditions of high pest pressure or aggressive surfaces.
	5 mL	Use this rate for initial / cleanout control of cockroaches, ants, spiders, ticks and other crawling insects and for initial / cleanout control of house flies, mosquitoes and other flying insects where a residuality of 12 weeks is required. Use this rate also for follow-up treatment against bed-bugs.
	2.5 mL	Use this rate for control of crawling and flying insects where a residuality of 6-8 weeks is required.
	1.6 mL	Use this rate for control of crawling and flying insects where a short residuality of 2-4 weeks is sufficient.

RURAL HYGIENE / FARM USES

SITUATION	PEST	RATE per L WATER	CRITICAL COMMENTS
Poultry sheds	Litter beetle (*Alphitobius diaperinus*)	**5 mL**	For management of litter beetle numbers between cycles of up to 7 weeks. Treat when litter is being totally replaced. Remove old litter from shed. Apply to shed walls, ceiling and floor. Do not replace litter until shed is thoroughly dry.
Farm buildings, meatworks (non-product areas)	House flies (*Musca domestica*); Stable fly (*Stomoxys calcitrans*) and other crawling and flying insects		This rate will reduce house fly and stable fly numbers for 6 - 8 weeks. Spray surfaces where flies are known to come to rest. Refer also to **APPLICATION** details under **GENERAL INSTRUCTIONS.** An application of Suspend Flexx should always be part of a comprehensive fly control program that focuses on fly resting and breeding sites. An application of Suspend Flexx alone may result in transient levels of control where the source of the problem rapidly re-populates treated areas to give the impression that the product has not worked.

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

GENERAL INSTRUCTIONS

MIXING

Ensure that the sprayer is clean and free of residues. If necessary wash out the sprayer with water and detergent before use and treat washings as hazardous waste.

- Estimate the area of surface to be treated.
- Calibrate spray equipment to identify mixture volume necessary to achieve coverage of target area.
- Fill the sprayer with half the required volume of water. Measure out precisely the required quantity of product and pour carefully into the spray tank. Complete the filling of the sprayer with water to the appropriate level and agitate.

APPLICATION

As a guide, for application to non-porous surfaces, apply 1 L of spray solution per 20 m^2. For application to porous surfaces or through use of power equipment, a more dilute spray solution (e.g. required dose rate mixed in 2L water) may be needed to treat the same area.

Apply with any suitable hand sprayer or mechanical sprayer capable of producing a coarse spray. This product may be applied to any surface which is not damaged by water alone. It is recommended to test a small area with the spray mixture first before commencing application. **DO NOT exceed the point of run-off**.

- Use a flat fan nozzle for treatment of surfaces.
- Use a pin-stream nozzle or special crack and crevice extension to spray cracks and crevices.
- Apply as a broadcast application only for the treatment of carpets and rugs. Spray overlapping bands of 0.5 m apart to ensure an even coverage of spray. Refer to **Note on application to carpets.**
- For application in wet areas, spray harbourages and cracks and crevices only in areas inaccessible to routine cleaning with a maximum band width of 0.1 m. Spray barrier on walls inaccessible to routine cleaning with a maximum band width of 0.5 m.

For surface treatment only. DO NOT spray into the atmosphere using foggers or other devices designed to create an aerosol.

When using in animal houses, DO NOT spray directly onto livestock, their food, water, litter or feed bins.

DO NOT spray exposed food, food utensils or food preparation areas. Before use, remove or cover all exposed foodstuffs. Cover all dishes and utensils and surfaces where food is prepared or stored. After use, clean up thoroughly before processing/serving resumes.

DO NOT spray directly on humans, clothing, bed covers or bed linen. DO NOT use in cots where infants sleep.

DO NOT apply directly on pets or pets' bedding.

If delicate fabrics or materials which may be damaged by water require treatment, test the spray on a small inconspicuous area first.

Allow spray to dry thoroughly before handling materials that have been treated with this product. If prior handling is necessary wear chemical resistant gloves. Gloves must be washed after each day's use.

Avoid contact of spray with timber to which a stain 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.)

Note on application to carpets

Carpets are considered porous surfaces however excessive liquid application may produce water stains and therefore the non-porous surface rate should be adopted if possible. For short-pile carpet, the 1L spray solution per 20 m^2 dilution rate should be sufficient. For long pile or shag carpet, the 1L spray solution per 10 m^2 may be required to ensure effective penetration and application to all of the carpet pile. Excessive liquid application to

carpets may produce water-stains. 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. Allow treated carpets to dry before resuming activity on them.

Note on application to ornamental plants

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.

Ants

Where possible locate the nest and spray directly into nest entrances. For dry and hydrophobic soils, pre-wetting the soil with water and/or the addition of a soil wetting agent is recommended. 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 (e.g., Maxforce® Quantum Liquid Ant Bait) is the control method of 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 on which people sleep.

Bird mites

Treat infested areas. Inspect roof voids and remove any old bird nest material. For treatment of roof void areas, a suitably registered dust product such as Coopex® Insecticidal Dusting Powder is recommended.

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. Refer to **Note on application to carpets**.

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 Gel Insecticide or Maxforce® Fusion Cockroach Gel be applied as per the registered label of those products.

Fleas

For indoor areas, 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. For outdoor areas, apply to outside surfaces of buildings and surrounds including but not limited to foundations, soil, turf, pet housing and other areas where fleas may be present. For dry and hydrophobic soils, pre-wetting the soil with water and/or the addition of a soil wetting agent is recommended. 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. Refer to **Note on application to carpets.**

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.

Silverfish

Direct spray to areas of potential infestation e.g. under skirting boards and furniture where dark conditions may favour silverfish populations.

Spiders - web-spinning

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.

Spiders – non-web-spinning

Spray areas where spiders are known to occur.

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. 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.

Ticks

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 are also treated with an appropriately registered ectoparasiticide.

RESISTANCE WARNING

For insecticide resistance management, Suspend Flexx is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Suspend Flexx 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 Suspend Flexx or other Group 3A insecticides are used repeatedly. The effectiveness of Suspend Flexx 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 Suspend Flexx to control resistant insects. For information about strategies for managing insecticide resistance contact your local supplier or Bayer Environmental Science representative.

PRECAUTION
RE-ENTRY
Allow re-entry in treated areas only once the sprayed surfaces are dry.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and other aquatic organisms. DO NOT contaminate wetlands or watercourses with this product 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-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. DO NOT re-use empty container for any other purpose.

SAFETY DIRECTIONS
May irritate the eyes and skin. Repeated exposure may cause allergic disorders. Facial skin contact may cause temporary facial numbness. Avoid contact with eyes and skin. Sensitive workers should use protective clothing. Wash hands after use.

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26; New Zealand 0800 764 766.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which may be found at www.environmentalscience.bayer.com.au.

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.

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Batch Number:

Date of Manufacture:

GHS label statement

May cause an allergic skin reaction.
Avoid breathing mist. Wear protective gloves. IF ON SKIN: Wash with plenty of water/ soap. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse.