



**HARMFUL • KEEP OUT OF REACH OF CHILDREN**  
Ecotoxic. Shake well before use.



**Key Industries**

Protecting people, crops and native species

# Recruit<sup>TM</sup> 100sc

## Insecticide

### GENERAL INFORMATION

A residual insecticide for control of spiders, fleas, ants, cockroaches and mosquitoes in domestic, industrial and public health areas. Suitable for use on all surfaces including porous surfaces.

### ACTIVE INGREDIENTS

Contains 100 g/L bifenthrin in the form of a suspension concentrate



Recruit<sup>TM</sup> is a trademark  
of Key Industries Ltd



Manufactured  
& Distributed by  
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**1L**

# Recruit<sup>TM</sup> 100sc

**Read label before use. Do not handle until all safety precautions have been read and understood.**

**HAZARD CLASSIFICATIONS:** 6.1D, 6.4A, 6.9B, 9.1A, 9.2C, 9.3B, 9.4A



## APPROVED HANDLER:

This product must be secured or under the personal control of an approved handler when:

- a) applied in a wide dispersive manner: or
- b) used by a commercial contractor

## TOXICITY WARNING: THIS SUBSTANCE MAY BE

HARMFUL IF SWALLOWED OR INHALED. Repeated minor exposures may have cumulative effects. Do not inhale the vapour or spray mist. Do not eat, drink or smoke while using. Remove protective clothing immediately after handling this product and wash hands and face before meals and after work. Wash contaminated clothing before reuse

MAY CAUSE ORGAN DAMAGE from repeated oral exposure at high doses.

MAY CAUSE SERIOUS EYE IRRITATION. Avoid contact with eyes and skin. Facial skin contact may cause temporary facial numbness.

## ECOTOXICITY:

VERY TOXIC TO AQUATIC ORGANISMS WITH LONG LASTING EFFECTS. DO NOT contaminate any water supply with chemical or empty container. DO NOT spray over or allow to drift over an aquatic environment.

HARMFUL TO THE SOIL ENVIRONMENT.

TOXIC TO TERRESTRIAL VERTEBRATES SUCH AS BIRDS AND REPTILES.

VERY TOXIC TO TERRESTRIAL INVERTEBRATES. Do not spray over bees or apply to plants in flower. Do not spray over beneficial predators.

## HANDLING PRECAUTIONS

**STORAGE:** Store in the original container tightly closed and in a locked, dry, cool and well ventilated area – well away from ignition sources and foodstuffs. Storage must be generally in accordance with NZS58409.

## PERSONAL PROTECTION

When mixing or applying, wear eye protection, chemical resistant gloves (e.g. PVC or neoprene), chemical resistant boots, waterproof hat and cotton overalls buttoned to the neck and wrist.

## DISPOSAL

Triple rinse empty container and add rinsate to spray tank. Do not burn empty container that has not been rinsed. Recycle triple rinsed containers through an approved recovery scheme, eg Agrecovery. Otherwise, crush or puncture and bury in a suitably approved landfill.

Dispose of this product only by using according to the label, with an approved waste disposal company or treat so that it is no longer hazardous and then dispose of safely in a managed landfill. Do not burn the product.

Dispose of equipment cleaning water onto ground away from susceptible crops and plants.

## SPILLAGE

Exclude all bystanders, prevent material entering waterways and coming into contact with other products. Wear appropriate protective clothing to clean up spills. Absorb spills with an inert (such as vermiculite, earth, sand or synthetic absorbent substance) material and place in waste containers. Wash area with a bleach solution (sodium

hypochlorite) then absorb any remaining liquid with further inert material. Dispose of waste with an approved waste disposal company.

## FIRST AID

If medical advice is needed, have product container or label at hand. If swallowed do not induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If splashed in eyes, remove contact lenses if present and easy to do, flush eyes with water for at least 15 minutes and see a doctor. If inhaled, move victim to fresh air immediately. If breathing has stopped, begin artificial respiration. Use mouth-to-nose rather than mouth-to-mouth. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water and soap.

## NOTICE

**Important:** You must read the warning and conditions given on this label. If they are not acceptable, or if you are in doubt as to the proper handling of this product (including its transport, storage, use, disposal, and requirements for approved handlers) then return the unopened product to the supplier at once.

## Warning:

This product is subject to controls and could be hazardous if handled incorrectly. The **user is responsible** for ensuring that the handling of this product is in accordance with the law (including the **Hazardous Substances and New Organisms Act 1996**) and with the directions provided. Key Industries Limited declines all liability whether in contract, tort (including but not limited to negligence), (or otherwise), to the maximum extent permitted by law in relation to the handling of this product in a manner which is contrary to the directions given or to any applicable Acts, Regulations or Guidelines.

**Further information** regarding the applicable Acts, Regulations and Guidelines for the proper handling of this product may be obtained by contacting EPA New Zealand ([www.epa.govt.nz](http://www.epa.govt.nz)). This product is warranted to contain the specified active ingredient within accepted analytical tolerance when packed.

NZFSA Approved type B (all animal products except dairy)

AssureQuality approved Category B& C Food/beverage/dairy factory and storage areas (Category B & C point apply)

**HSNO Approval Code:** HSR100043

**UN Number:** UN3082, Environmentally Hazardous Substance, Liquid, NOS

**Packing Group:** III

PEEL HERE



## Where to apply:

**Ants** - nests, runs, walls, drains and resting places wherever ants are seen.

**Cockroaches** - walls, skirting boards, cupboards, behind sinks, stoves and pipes. In particular, cracks and crevices.

**Fleas** - floors, carpets, skirting boards, kennels, bedding and adjacent wall area.

**Flies and Mosquitoes** - walls, skirting boards and all exposed surfaces where these flying insects may rest.

**Spiders** - nests and known hiding places, and exposed surfaces where spiders are seen.

**Silverfish** – Locate the source of the infestation and spray. If it cannot be located spray all the surfaces on which silverfish travel, especially inside cupboards.

**Carpet Beetles** – Thoroughly wet the infected carpet area so that spray solution penetrates the carpet pile. Removal of furniture or soft furnishings to gain access to infected areas may be necessary to obtain good control

## Important - Food contamination

- Do not allow spray to contact food, food preparation surfaces or food utensils.
- Remove or cover all foodstuffs before application.
- Do not use in areas where edible dairy or meat products are processed, packed or stored.
- Do not use where food-packaging materials (cartons, liners etc) are stored or assembled.
- Do not use near air vents or ducts in food stores or processing plants while they are in operation.
- Wash all food contact surfaces thoroughly before reintroducing any foodstuffs.

## DIRECTIONS FOR USE

Residual control for up to 6 weeks may be obtained, depending on the insect pest, application rate and the nature of the treated surface.

Always ensure premises are adequately ventilated following application and an appropriate stand down time is followed before re-entry, eg 3-4 hours ventilation of domestic buildings before re-entry.

Surface spray only - do not spray into the air

| Situations                                                                                  | Insect Pests                                                                          | Rates (ml/5L)                                          | Critical Comments                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Houses, flats, factories, shops, warehouses, restaurants, meat and dairy processing plants. | Common Spiders                                                                        | 25ml per 100m <sup>2</sup> in up to 5 litres of water. | Apply as a coarse spray at the given rate per 100 square metres with up to 5 litre of water.                                                                                                                                                                                                                                                                                                                                 |
|                                                                                             | Fleas – knockdown treatment                                                           | 20ml per 100m <sup>2</sup> in up to 5 litres of water. | NOTE: the water rate will vary depending on the surface that you treat, eg porous or non porous. The correct use rate of Recruit per square metre is critically important for performance.                                                                                                                                                                                                                                   |
|                                                                                             | Ants, mosquitoes, fleas and ticks – residual control                                  | 50ml per 100m <sup>2</sup> in up to 5 litres of water. | Recruit 100SC can be applied with a knapsack sprayer or other conventional spray equipment used to control public health pests, eg B&G 2600 or Hurricane Ultra Mister.                                                                                                                                                                                                                                                       |
|                                                                                             | Cockroaches German, American and <i>Drymaplaneta semivittata</i> (Gisborne cockroach) | 40ml per 100m <sup>2</sup> in up to 5 litres of water. | Note that Recruit 100SC does not provide repellent activity of flies.                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                             | Flies – knockdown treatment                                                           | 20ml per 100m <sup>2</sup> in up to 5 litres of water. | If repellence is required it is suggested that Key Delta Aqua, Key Beta, Trimix or Home Run be used.                                                                                                                                                                                                                                                                                                                         |
|                                                                                             | Flies – residual control                                                              | 50ml per 100m <sup>2</sup> in up to 5 litres of water. |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Houses, Hotels and accommodation establishments                                             | Bed bugs                                                                              | 50ml per 100m <sup>2</sup> in up to 5 litres of water. | Recruit 100SC should be applied with a knapsack sprayer to achieve thorough wetting of treated surfaces. Spray the edge of the mattress and bed base but avoid treating the surface of the mattress. Treat curtains and harbourages around the bed eg headboard and bedside cupboards. Ensure power is switched off when treating light switches and electric sockets and they are thoroughly dry before reconnecting power. |