

# 221L Residual Insecticide

## technology sheet

Fast-acting, easy-to-use insecticide with lasting residual activity on key pests.

- Rapid, broad-spectrum knockdown with extended residual activity on key insects, including ants, flies and beetles
- Applied directly as a Crack & Crevice<sup>®</sup> or spot treatment to heighten performance and reduce insecticide use
- Compatible with the System III professional application tool for maximum efficiency

### Active ingredient

Lambda-cyhalothrin – Group 3

### Formulation

Pressurized product

### One case contains

12 x 495 g cans

### Storage

Store in cool, dry area away from heat, open flame or children's reach.

### For use in and around

Apartments  
Commercial/industrial buildings  
Daycares  
Food storage areas  
Food processing plants  
Food handling establishments  
Homes  
Hospitals<sup>1</sup>  
Laboratories  
Meat packing plants

Motels  
Nursing homes  
Restaurants  
Resorts  
Schools<sup>1</sup>  
Supermarkets  
Transportation equipment<sup>2</sup>  
Utilities  
Warehouses

### Pests controlled<sup>3</sup>

Ants<sup>4</sup>

Subterranean

Bees, wasps, yellowjackets

Beetles (flour<sup>4</sup>, grain), booklice, Indian meal moths (adults, larvae<sup>4</sup>), silverfish

Flies (cluster, house and stable)<sup>4</sup>

### Application sites and methods

Crack & Crevice treatment in areas harbouring or frequented by ants.

Inject nest at 3 to 6 sites in a circular pattern with one site in the centre. Time 5 to 10 seconds per site. Increase injection sites for large nests over 30 cm in diameter. Apply early morning/late evening hours.

Directly on insects, nests and hiding/ breeding places from approx. 46 cm away. Apply late evening when insects are at rest.

Crack & Crevice or spot treatment.

Inject in cracks and crevices and/or voids where insects may be harbouring or hibernating.

<sup>1</sup> Use in food service areas of hospitals and schools is only allowed during closed down periods.

<sup>2</sup> Non-passenger areas of buses, boats, planes, ships, trains and trucks.

<sup>3</sup> Refer to label for additional pests controlled.

<sup>4</sup> Includes residual control.



We create chemistry

# Prescription Treatment® 221L

## Insecticide

### Application rates

Amount needed will vary by site, application method and degree of infestation.

### Crack and crevice treatment

Light infestation	Move injector tip at 0.9 m/s
Heavy infestation	Move injector tip at 0.3 m/s
Wall and equipment void	1 to 5 sec spray/0.085 m <sup>3</sup> of calculated void volume

<b>Spot treatment</b>	1 sec spray on insect
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### Directions for general use

#### Crack and crevice treatment

1. Apply using the supplied actuator and injection tubes of system equipment (e.g. System III).
2. Place injector tip into cracks, crevices, holes and other small openings where insects may be harbouring, living and breeding.
3. Apply at the recommended rate depending on the degree of infestation.
4. Several holes may be required in long-running voids.
5. Repeat if necessary on 21-day intervals for pests controlled by residual activity.

#### Spot treatment

1. Apply using the supplied actuator and injection tubes of system equipment (e.g. System III).
2. Direct nozzle approximately 30 cm from surface being treated, keeping the container upright while spraying.
3. Apply directly on insects when possible.
4. Repeat as necessary.

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### Application tips

Can be used as perimeter treatment. For listed crawling insects, apply as a Crack & Crevice or spot treatment where insects may harbour or enter premises.

Individual spot treatments should not exceed 0.19 m<sup>2</sup> or 20% of the treated surface area, whichever is smaller.

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### Restrictions

When applying indoors, be sure to vacate areas during application, ensure commercial facilities are not in operation and keep out until surfaces are dry. Maximum of four indoor applications per year.

**Do not** use in building areas occupied by children or in food service areas except during closed down periods. Food must be covered or removed during treatment.

**Do not** apply this product in hospital patient rooms while occupied or in any rooms occupied by the elderly or infirm.

**Do not** use in patient rooms in hospitals and nursing homes for treatment of bed bugs.

**Do not** apply to institutions (including libraries, sport facilities, etc.) in the immediate area when occupants are present.

**Do not** use in aircraft cabins. Only use in aircraft cargo areas.

**Do not** spray on plastic, painted or varnished surfaces.

**Do not** spray directly into any electronic equipment (e.g. radios, televisions, computers, etc.).

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### For more information

Contact your supplier or visit [BetterPestControl.ca](http://BetterPestControl.ca)

### Always read and follow label directions.

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