

# Radiate<sup>®</sup> Insecticide for Dual Action Treatment



## Features & benefits

- A Phenyl Pyrazole insecticide for the management of ants
- Non-volatile, water based formulation for easy mixing and low odour
- Non-repellent chemistry with delayed mortality allowing transfer to nest mates for increased colony control.
- Available in convenient 1 and 5 L bottles
- FMC quality assured
- Formulated in Australia

## Product description

Radiate<sup>®</sup> insecticide is a non-repellent insecticide containing 100 g/L fipronil. It is a group 2B insecticide from the Phenylpyrazole sub group. Radiate<sup>®</sup> has been formulated as a low volatile, low odour highly effective Suspension Concentrate (SC) that will stay in suspension with only moderate agitation. The non-repellant nature of the product allows the treated targets to work for the technician by aiding the transfer of the product to nest mates. The non-detection of the treatment in conjunction with the delayed mortality that is characteristic of the chemistry opens a window of time to optimise the sharing amongst other population members meaning efficacy extends to individuals indirectly exposed.

## Where to use

Radiate<sup>®</sup> Insecticide is registered for use in external areas and surrounds of domestic, commercial, public and industrial buildings and structures, and for spot application to nests in domestic situations. Radiate<sup>®</sup> Insecticide applications should ideally target areas that are the 'trails or runs' of the ants, ensuring treatments create zones the ants will travel over in the course of their normal daily activity. Applying in these defined zones will ensure contact occurs with high frequency, maximising dose exposure and therefore transfer potential. Being a non-repellent the aversion behaviours sometimes seen with other chemistries will not be displayed.

## How to use

Radiate<sup>®</sup> should be applied to nuisance ants at the rate of 1 L of prepared suspension per 25 lineal metres. Applications around buildings and structures should target a 300 mm band up and out from where the structure meets the ground. Spot applications to nests should occur at the rate of 1 L of prepared suspension per 16 m<sup>2</sup>, or 60 mL per m<sup>2</sup>. Applications of Radiate<sup>®</sup> Insecticide should look to use the naturally social biology of the ant to create further contact and transfer points that maximise treatment success. A standard program should include a treatment to 'trails and runs' in spring as temperatures begin to rise. A follow up application may be required, but this would be site and situation specific. Refer to the registered label for further guidance.

Only for  
Professionals

## Radiate® Insecticide Directions for Use

SITUATION	PEST	RATE	CRITICAL COMMENTS
External areas and surrounds of domestic, commercial, public and industrial buildings and structures.	<b>Nuisance ants, including but not limited to:</b> Argentine ant ( <i>Linepithema humile</i> ), Black house ant ( <i>Ochetellus glaber</i> ), Pedicel ant/odorous house ant ( <i>Tapinoma</i> spp.), Pharaoh's ant ( <i>Monomorium pharaonis</i> ), Whitefooted ant ( <i>Technomyrmex albipes</i> )	6 mL in 1 L of water	Mix the required volume of Radiate® Insecticide in water. Treat surfaces 300 mm up and 300 mm out from where the building or structure touches the ground. Apply at the rate of 1 L of prepared suspension per 25 lineal metres.  Pay particular attention to potential entry points, such as weep holes, cracks and crevices. Also apply to ant trails and where ants are active away from the nest.  Structures may include retaining walls, fences, garden beds, sheds etc.
<b>Nesting ants, including but not limited to:</b> Funnel ant ( <i>Aphaenogaster pythia</i> ), Greenhead ants ( <i>Rhytidoponera</i> spp.), Meat ant ( <i>Iridomyrmex</i> spp.), Red Imported fire ant ( <i>Solenopsis invicta</i> ), Yellow crazy ant ( <i>Anoplolepis gracilipes</i> )	Spot application to nests in domestic situations.		Mix the required volume of Radiate® Insecticide in water. Treat the nest entrance or mound, and where ants are active away from the nest. Apply at the rate of 1 L of prepared suspension per 16 m <sup>2</sup> , or 60 mL per m <sup>2</sup> .

The full product label should be consulted before using this product.

