

Sumari<sup>™</sup> Insecticide, a non-repellent insecticide, provides fast-acting and long-lasting residual control of ants and a broad spectrum of other insects.

- Kills and controls ants, including multi-queen species, for up to three months
- Contains NyGuard® IGR insect growth regulator
- Dual mode of action
- Kills wide variety of labeled pests
- For indoor and outdoor use, including outdoor broadcast
- Apply up to four times per year at the low rate
- Convenient all-in-one product



# *TECHNICAL BULLETIN*

# **Product Specifications**

Signal Word	None
Packaging	1 qt bottle (6 per case) 1 gal bottle (2 per case)
EPA Registration Number	1021-2827
Food Handling	Not for use on food or food-containing surfaces
Stability of Undiluted Product	Stable
Stability of Diluted Product	Stable in solution
Appearance	White, opaque
Odor	Vegetable oil
Active Ingredients	Clothianidin, Pyriproxyfen
Flammability	Not classified as a combustible or flammable liquid by OSHA
Mode of Action	Sodium channel modulator – disrupts insects' nervous system. Inhibits mixed function oxidative system. Juvenile hormone mimic.
Class of Chemistry	Neonicotinoid, insect growth regulator (IGR)
Respirator Required	Not required
Mix or Dilute in	Water only
Activity	Contact kill, IGR, residual activity
Shelf Life	3 years or more if stored at room temperature

# **Use Areas**

# Indoor and Outdoor Non-food Areas of: Residential homes Commercial buildings Restaurants Warehouses or industrial buildings Food processing plants Food service establishments Campsites/campgrounds Animal housing and zoos

### Outdoor Perimeter Treatments to Exterior Walls, Foundations and Structures:

On Trees, Lawns, Landscapes and Turf

# **Method of Application**

### Outdoor:

- Broadcast spray treatment
- Crack and crevice treatment
- Foliar spray treatment
- Spot treatment
- Structural perimeter treatment
- Surface spray treatment

# Indoor:

- Crack and crevice treatment
- Spot treatment



# Best Practices when using Sumari® Insecticide

### Dilute with water only

The product is only intended for dilution in water, not oil.

# Test the surface first

Sumari Insecticide may be sprayed on any surface that will not be stained by water. If you are concerned about staining or are not sure if a surface is water safe, test the surface by spraying a small amount in an inconspicuous area before making a broad application.

# Mixing tip

Clean equipment before and after use. Agitate the container of Sumari Insecticide before diluting by inverting it several times. For dilution, add approximately half the required water to the tank and then add the appropriate amount of Sumari Insecticide. Agitate and slowly add the remaining water. Agitate the mixture thoroughly before using and occasionally during use to ensure dispersion.

# **Key Pests Killed**

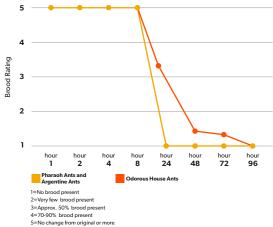
Centipedes Fleas German cockroaches House flies Mosquitoes

# **Key Pests Killed and Controlled**

Ants (including red imported fire ants, harvester, pharaoh, carpenter ants) Aphids Asian lady beetles Boxelder bugs Brown marmorated stink bugs Chinch bugs Crane flies Crickets Earwigs Japanese beetles June beetles Kudzu bugs Millipedes Mole crickets Oriental beetles Pillbugs Scales Silverfish Sowbugs Springtails

Worker mortality over time by species 100% 90% 80% 70% 60% % Mortality 50% 40% 30% 20% 10% 0 hour hour hour hou hour 48 hour 72 hour 2 4 8 24 96

### Impact on brood over time by species



Always read and follow label and SDS directions.

To learn more, visit www.mgk.com, call 1-800-645-6466 or send an e-mail to brands@mgk.com.



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