



Sector® Misting Concentrate is a water-based insecticide designed for misting systems. Sector provides knockdown, kill and residual control of the toughest flying insect problems, including mosquitoes, flies and other nuisance insects.

- For Use in Automatic Spraying Systems, in animal quarters, cattle barns, dairies, dairy and beef barns, milking parlors, poultry houses, swine housing, warehouses and residential back yards
- Polymeric Surfactant System – a formulation that allows convenient and stable dilution with water
- Will not harm most common ornamental plants
- Kills mosquitoes which may transmit West Nile virus
- Kills mosquitoes, including the Aedes mosquito that may carry and transmit Zika virus
- Kills Deer Ticks that may transmit Lyme disease



Product Specifications

Signal Word	Caution
Packaging	64 oz. bottles (4 per case), Gallons (4 per case)
EPA Registration Number	1021-1834
Food Handling	Do not use in food areas
Stability of Undiluted Product	Stable
Stability of Diluted Product	Stable in solution. No adjuvant needed. Agitation recommended; not required.
Appearance	Milky white
Odor	Slight odor of petroleum distillates
Active Ingredients	Permethrin and PBO
Flammability	Not classified as flammable or combustible by OSHA
Mode of Action	Sodium channel modulator – disrupts insects’ nervous system
Class of Chemistry	Pyrethroid and insecticide synergist
Respirator Required	Required when fogging in indoor spaces
Mix or Dilute in	Water only
Activity	Contact kill and residual activity
Shelf Life	3 years or more if stored at room temperature

Use Areas

Automatic Misting Systems, including:

- Residential
- Animal housing
- Warehouses
- Zoos
- Barns

Outdoor Use as a Premise Spray, including:

- Building exteriors
- Yards
- Gardens
- Homes
- Parks
- Golf courses
- Lawns
- Trees
- Shrubs and recreational areas

Surface Spray on Animals and to Animal Premises

Indoor Use as a Surface Spray and a Space Spray in Non-food Areas

Method of Application

- Automatic misting system
- Compressed air sprayer
- ULV cold fogger
- Power sprayer

Best Practices when using Sector® Misting Concentrate in Misting Systems

Keep things clean

Be sure to clean the tank between refills, or use an anti-microbial agent to prevent the development of bacteria or other natural organisms. Microbial growth can reduce the effectiveness of the system. If buildup is observed in the tank, empty it completely and be sure to clean it thoroughly before refilling.

Monitor misting system output

Check and clean misting system nozzles and filters to be sure you are getting the particle size and distribution necessary to achieve good coverage.

Apply during active periods

Set the system timer to treat when target insects are most active.

Display proper labels

Make sure that a waterproof envelope with the product label is securely attached to the outside of the residential misting system tank.

Follow guidelines

Always follow system manufacturer's recommendations regarding set up and maintenance. Follow insecticide product label and all Federal, State and Local regulations relating to installation and use of misting systems and the insect control products used with them.

Key Insects and Pests Controlled

Sector is labeled for the control of insects including, but not limited to:

Angoumois Grain Moths
Ants
Armyworms
Bed Bugs
Bees
Black Flies
Blowflies

Boxelder Bugs
Cadelles
Carpet Beetles
Centipedes
Cheese Mites
Chinch Bugs
Cigarette Beetles
Clothes Moths
Clover Mites
Cockroaches
Confused Flour Beetles
Crickets
Cutworms
Darkling Beetles
Deer Flies
Deer Ticks (carrier of Lyme disease)
Drug Store Beetles
Ear Ticks
Earwigs
Eastern Tent Caterpillars
Face Flies
Fire Ants
Firebrats
Fleas
Flies
Forest Tent Caterpillars
Fruit Flies
Gnats
Grain Mites
Granary Weevils
Grasshoppers
Ground Beetles
Gypsy Moths
(caterpillars and adults)
Hog Lice
Horn Flies
Hornets
Horse Flies
House Flies
Japanese Beetles (adults)
Lesser House Flies
Lice
Mange Mites (adults and larvae)
Mealworms
Millipedes
Mites
Mole Crickets
Mosquitoes (including the
Culex species that may carry
and transmit the West
Nile Virus)

Multi-colored Asian
Lady Beetles
Northern Fowl Mites
Palmetto Bugs
Pillbugs
Poultry Lice
Poultry Mites
Rice Weevils
Rust Red Flour Beetles
Saw-tooth Grain Beetles
Scorpions
Sheep "Tick" or Ked
Silverfish
Skipper Flies
Small Flying Moths
Sod Webworms
Sowbugs
Spider Beetles
Spiders
Stable Flies
Ticks
Tobacco Moths
Wasps
Waterbugs
Yellow Jackets

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.

