

Sector<sup>®</sup> Misting Concentrate is a new 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.

- Sector's water-based polymeric surfactant system is stable in solution and will not harm most common ornamental plants
- Sector is ideal for high mosquito populations or hard to kill insects such as gnats, biting midges and no-see-ums
- Sector's unique formula combines Permethrin with the synergist PBO for a higher level of performance



## Product Specifications

<b>Signal Word</b>	Caution
<b>Packaging</b>	64 oz. bottles (4 per case), Gallons (4 per case)
<b>EPA Registration Number</b>	1021-1834
<b>Food Handling</b>	Do not use in food areas
<b>Stability of Undiluted Product</b>	Stable
<b>Stability of Diluted Product</b>	Stable in solution. No adjuvant needed. Agitation recommended; not required.
<b>Appearance</b>	Milky white
<b>Odor</b>	Slight odor of petroleum distillates
<b>Active Ingredients</b>	Permethrin and PBO
<b>Flammability</b>	Not classified as flammable or combustible by OSHA
<b>Mode of Action</b>	Sodium channel modulator – disrupts insects' nervous system
<b>Class of Chemistry</b>	Pyrethroid and insecticide synergist
<b>Respirator Required</b>	None
<b>Mix or Dilute in</b>	Water only
<b>Activity</b>	Contact kill and residual activity
<b>Shelf Life</b>	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 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  
directions.**

**To learn more, visit [www.mgk.com](http://www.mgk.com),  
call 1-800-645-6466 or  
send an e-mail to [brands@mgk.com](mailto:brands@mgk.com).**

