

SECTOR™

Misting Concentrate

TECHNICAL BULLETIN

Sector™ 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

Signal Word	Caution
Packaging	4 x ½ gallons 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 inhibitor – disrupts insect's nervous system
Class of Chemistry	Pyrethroid and insecticide synergist
Respirator Required	None
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 Warehouses Barns
Animal housing Zoos

Outdoor Use as a Premise Spray, including:

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

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

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

Always read and follow label directions.

To learn more visit www.mgkpro.com, call 1-866-MGK-4PRO (1-866-645-4776) or send an e-mail to brands@mgk.com.

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 Controlled

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

Angoumois Grain Moths	Firebrats	Multi-colored Asian Lady Beetles
Ants	Fleas	Northern Fowl Mites
Armyworms	Flies	Palmetto Bugs
Bed Bugs	Forest Tent Caterpillars	Pillbugs
Bees	Fruit Flies	Poultry Lice
Black Flies	Gnats	Poultry Mites
Blowflies	Grain Mites	Rice Weevils
Boxelder Bugs	Granary Weevils	Rust Red Flour Beetles
Cadelles	Grasshoppers	Saw-toothed Grain Beetles
Carpet Beetles	Ground Beetles	Scorpions
Centipedes	Gypsy Moths (caterpillars and adults)	Sheep "Tick" or Ked
Cheese Mites	Hog Lice	Silverfish
Chinch Bugs	Horn Flies	Skipper Flies
Cigarette Beetles	Hornets	Small Flying Moths
Clothes Moths	Horse Flies	Sod Webworms
Clover Mites	House Flies	Sowbugs
Cockroaches	Japanese Beetles (adults)	Spider Beetles
Confused Flour Beetles	Lesser House Flies	Spiders
Crickets	Lice	Stable Flies
Cutworms	Mange Mites (adults and larvae)	Ticks
Darkling Beetles	Mealworms	Tobacco Moths
Deer Flies	Millipedes	Wasps
Deer Ticks (carrier of Lyme disease)	Mites	Waterbugs
Drug Store Beetles	Mole Crickets	Yellow Jackets
Ear Ticks	Mosquitoes (including the Culex species that may carry and transmit the West Nile Virus)	
Earwigs		
Eastern Tent Caterpillars		
Face Flies		
Fire Ants		

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