



VamPyre® Misting Concentrate is a water-based microemulsion designed to provide unparalleled long-term stability in water dilutions.

- VamPyre kills Mosquitoes including the Culex species that may carry and transmit the West Nile Virus
- VamPyre kills and repels Stable Flies, Horse Flies, Face Flies, Deer Flies, House Flies, Mosquitoes and Gnats
- Kills mosquitoes, including the Aedes mosquito that may carry and transmit Zika virus
- VamPyre controls Deer Ticks and other Ixodid species that may carry and transmit Lyme disease
- VamPyre features a 1:10 ratio of pyrethrum to synergist
- VamPyre’s superior water-based formulation technology is easy on landscape plants



### Product Specifications

<b>Signal Word</b>	Caution
<b>Packaging</b>	Gallons (2 per case)
<b>EPA Registration Number</b>	1021-1800
<b>Food Handling</b>	For use in food and non-food areas
<b>Stability of Undiluted Product</b>	Stable
<b>Stability of Diluted Product</b>	Stable in solution
<b>Appearance</b>	Amber liquid
<b>Odor</b>	Slight odor of petroleum distillates
<b>Active Ingredients</b>	Pyrethrins and PBO
<b>Flammability</b>	Classified as an OSHA-combustible liquid
<b>Mode of Action</b>	Sodium channel modulator – disrupts insects’ nervous system
<b>Class of Chemistry</b>	Pyrethrins and insecticide synergists
<b>Respirator Required</b>	Required when fogging in an enclosed area and when using with a high pressure hand wand in an enclosed area
<b>Mix or Dilute in</b>	Water only
<b>Activity</b>	Flushes insects from hiding; contact kill
<b>Shelf Life</b>	3 years or more if stored at room temperature

### Use Areas

#### Automatic Misting Systems, including:

- Animal housing
- Residential
- Zoos
- Barns
- Warehouses

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

#### Livestock, Dairy and Poultry Production Facilities, and Premises

#### Pet Premise Treatment

#### General Outdoor Premise Treatment

#### Transportation Equipment

- Ships
- Trains
- Trucks

### Method of Application

- Automatic misting system
- Conventional mechanical fogger (space spray)
- Hand-held mechanical foggers
- Compressed air sprayer (surface spray)
- Broadcast surface treatment
- Crack and crevice treatment
- Spot treatment

## Best Practices when using VamPyre® Misting Concentrate in Misting Systems

### Test for proper pH balance

Test your water to ensure the pH of the misting solution is in the 5.5 to 7.0 range. If the solution is outside that pH range, pyrethrum will degrade, and performance will be reduced.

### Avoid sun and heat

Place the misting system holding tank out of direct sunlight. Pyrethrum degrades at high temperatures. Cover the tank with a light-colored or reflective cover to minimize solar heating of the solution.

### Keep things clean

Be sure to clean the tank between refills, or use an anti-microbial to prevent the development of bacteria or other natural organisms that will break down the pyrethrum. Do not use compounds which could alter the solution pH out of the 5.5 to 7.0 range. 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, such as dawn and dusk.

### Display proper labels

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

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

Almond Moths  
 Angoumois Grain Moths  
 Ants  
 Bed Bugs  
 Black Carpenter Ants  
 Black Flies  
 Black Widow Spiders  
 Blood Sucking Lice  
 Boxelder Bugs  
 Brown Dog Ticks  
 Cadelles  
 Carpet Beetles  
 Cat Fleas  
 Cellar Spiders  
 Cereal Beetles  
 Cheese Mites  
 Cheese Skippers  
 Chocolate Moths  
 Cigarette Beetles  
 Clothes Moths  
 Clover Mites  
 Cockroaches  
 Confused Flour Beetles  
 Crickets  
 Dark Mealworms  
 Darkling Beetles  
 Deer Flies  
 Deer Ticks (carrier of Lyme disease)  
 Dermestid Beetles  
 Dog Fleas  
 Dried Fruit Beetles  
 Drugstore Beetles  
 Earwigs  
 Face Flies  
 Fannia Flies  
 Firebrats  
 Flat Grain Beetles  
 Fleas  
 Flies  
 Fruit Flies  
 Fungus Gnats  
 Gnats  
 Grain Mites  
 Granary Weevils

Hide Beetles  
 Horn Flies  
 Hornets  
 Horse Flies  
 House Flies  
 Indian Meal Moths  
 Khapra Beetles  
 Lesser Grain Beetles  
 Lesser Grain Borers  
 Lesser House Flies  
 Lice  
 Mediterranean Flour Moths  
 Merchant Grain Beetles  
 Midges  
 Miller Moths  
 Millipedes  
 Mosquitoes including the  
 Culex species that may carry  
 and transmit the West Nile  
 Virus  
 Palmetto Bugs  
 Pillbugs  
 Poultry Lice  
 Red Flour Beetles  
 Rice Flour Beetles  
 Rice Weevils  
 Rusty Grain Beetles  
 Saw-tooth Grain Beetles  
 Sheep Ticks  
 Silverfish  
 Skipper Flies  
 Small Flying Moths  
 Sowbugs  
 Spider Beetles  
 Spiders  
 Stable Flies  
 Ticks that may carry and  
 transmit Lyme disease  
 Tobacco Moths  
 Trogoderma Beetles  
 Warehouse Beetles  
 Wasps  
 Waterbugs  
 Yellow Mealworms  
 Yellow Jackets

**Always read and follow label and SDS 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).

