RIPTIDE®

Waterbased Pyrethrin ULV

TECHNICAL BULLETIN

Riptide® Waterbased Pyrethrin ULV is an optimized formulation, specially designed to deliver fast knockdown and kill of mosquitoes when used in residential misting systems.

- Riptide is ideal for Mosquito Misting Systems
- Riptide has a 1:5 ratio of pyrethrum and synergist
- Riptide's polymeric water-based technology is easy on landscape plants
- Riptide is designed for stability in misting systems
- Riptide is economical and convenient
- Kills mosquitoes that may transmit West Nile virus and Chikungunya virus
- Kills mosquitoes, including the Aedes mosquito that may carry and transmit Zika virus

Product Specifications

Signal Word	Caution
Packaging	64 oz. bottles (4 per case)
EPA Registration Number	1021-1785
Food Handling	For use in food and non-food areas
Stability of Undiluted Product	Stable
Stability of Diluted Product	Stable in solution
Appearance	Milky, white liquid
Odor	Slightly sweet odor
Active Ingredients	Pyrethrins and PBO
Flammability	Not classified as a combustible or flammable liquid by OSHA
Mode of Action	Sodium channel modulator – disrupts insects' nervous system
Class of Chemistry	Pyrethrins and insecticide synergist
Respirator Required	Required when applied as a fogger in enclosed spaces
Mix or Dilute in	Water only
Activity	Flushes insects from hiding; contact kill
Shelf Life	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

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

TECHNICAL BULLETIN

Best Practices when using Riptide® Waterbased Pyrethrin ULV 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.

For a complete list of insects controlled, refer to the product label.

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.

Key Insects and Pests Controlled

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

Almond Moths
Angoumois Grain Moths
Ants
Black Flies
Blood Sucking Lice
Boxelder Bugs
Brown Dog Ticks
Cadelles
Carpet Beetles
Cereal Beetles
Cheese Mites
Cheese Skippers
Chocolate Moths
Cigarette Beetles
Clothes Moths
Clover Mites
Cockroaches
Coffee Bean Weevils
Confused Flour Beetles
Crickets
Dark Mealworms
Darkling Beetles
Deer Flies
Deer Ticks (carrier of Lyme disease)
Dermestid Beetles
Dried Fruit Beetles
Drugstore Beetles
Earwigs
Face Flies
Firebrats
Flat Grain Beetles
Fleas
Flies
Flying Moths
Fruit Flies
Gnats
Grain Mites
Granary Weevils
Horn Flies
Hornets
Horse Flies
Indian Meal Moths
Khapra Beetles
Lesser Grain Borers
Lesser House Flies
Mediterranean Flour Moths
Merchant Grain Beetles
Midges
Millers
Millipedes
Mosquitoes
Palmetto Bugs
Pillbugs
Red Flour Beetles
Rice Flour Beetles
Rusty Grain Beetles
Saw-tooth Grain Beetles
Silverfish
Skipper Flies
Spider Beetles
Spiders
Stable Flies
Sowbugs
Ticks
Ticks that may carry and transmit Lyme disease
Tobacco Moths
Trogoderma Beetles
Warehouse Beetles
Wasps
Waterbugs
Yellow Jackets
Yellow Mealworms

RIPTIDE® Waterbased Pyrethrin ULV

8810 Tenth Avenue North, Minneapolis, MN 55427
0316-0816

MGK®

Manufactured by MGK®.