



Troika® Misting Concentrate is a water-based insecticide that combines active ingredients for optimal performance against flying pests in large animal settings and residential areas.

- Troika is designed for use in automatic spraying systems
- Troika is ideal in and around horse barns, residential areas and zoo animal quarters
- Troika effectively kills flies, mosquitoes and gnats
- Troika is ideal for hard-to-kill flies
- Troika provides quick knockdown and kill of mosquitoes
- Troika will not harm most common ornamental plants
- Troika's water-based polymeric surfactant system is stable in solution
- Troika is available in a convenient package size
- Troika is effective against mosquitoes that may transmit West Nile virus and Chikungunya virus
- Kills mosquitoes, including the Aedes mosquito that may carry and transmit Zika virus
- For use in and around Livestock and Poultry Barns



Product Specifications

Signal Word	Caution
Packaging	64 oz. bottles (4 per case)
EPA Registration Number	1021-2609
Food Handling	Do not use in food areas
Stability of Undiluted Product	Stable
Stability of Diluted Product	Stable in solution
Appearance	Milky white/tan liquid
Odor	Mild sweet odor
Active Ingredients	Pyrethrins, Permethrin 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, Pyrethroid and insecticide synergist
Respirator Required	Not required
Mix or Dilute in	Water only
Activity	Effective knockdown and kill
Shelf Life	3 years or more if stored at room temperature

Use Areas

Automatic Misting Systems, including:

- Animal Housing
- Barns
- Residential Areas
- Zoos

Outdoor Use as a Premise Spray, including:

- Animal Housing
- Barns
- Beach Houses
- Homes
- Lawns
- Patios
- Pool Areas
- Tennis Courts
- Zoos

Indoor Use

- Animal Areas and Quarters
- Dairy and Livestock Barns
- Dog Kennels
- Horse Stables and Barns
- Poultry Houses
- Research Animal Quarters
- Swine Houses
- Zoo Animal Quarters

Indoor Use as a Surface Spray and a Space Spray in Non-food Areas, including Animal Quarters

METHOD OF APPLICATION

- Automatic misting systems
- Conventional mechanical foggers (space spray)
- Handheld mechanical foggers (space spray)
- Compressed air sprayer (surface spray)
- Power sprayer
- Broadcast surface treatment
- Crack and crevice treatment
- Spot treatment

Best Practices when using Troika® Misting Concentrate

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 that 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 setup 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.

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 Controlled

Clover Mites
Crane Flies
Crickets
Darkling Beetles
Earwigs
Face Flies
Fannia Flies
Fruit Flies
Fungus Grain Moths
Gnats
Horn Flies
House Flies
Mosquitoes
Moths
Non-biting Midges
Phorid Flies
Spiders (excluding Black Widow and Brown Recluse)
Stable Flies



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