



- Kills and repels mosquitoes
- Kills ticks
- Essential oil based Insecticide
- Repels mosquitoes for up to 14 days
- Water-based formula

## SPECIMEN LABEL

### ACTIVE INGREDIENTS:

Geraniol . . . . .	10.0%
Cinnamon Oil . . . . .	5.0%
Sodium Lauryl Sulfate . . . . .	3.3%
Cornmint Oil . . . . .	2.0%

**INERT INGREDIENTS:** . . . . . 79.7%

- Water
- White Mineral Oil
- Glyceryl Monooleate
- Sodium Alginate

**TOTAL:** . . . . . 100%

**PRECAUTIONARY STATEMENTS – CAUTION** – Causes eye irritation. Causes skin irritation.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

Persons handling this product are recommended to wear:

- Protective eyewear
  - Chemical-resistant gloves made of neoprene, nitrile, or natural rubber
- In California, persons handling this product are required to wear:
- Protective eyewear
  - Chemical-resistant gloves made of neoprene, nitrile, or natural rubber

**USER SAFETY RECOMMENDATIONS:** User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Remove PPE after handling this product. Wash the outside of the gloves before removing.

KEEP ALL INSECTICIDES OUT OF REACH OF CHILDREN

### FIRST AID

- IF IN EYES:**
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
  - Remove contact lenses, if present and easy to do so, after the first 5 minutes, then continue rinsing eyes.
  - Immediately call a physician / poison control center.
- IF ON SKIN:**
- Take off contaminated clothing.
  - Wash exposed area immediately with soap and water, rinse for 15-20 minutes.
  - Call a poison control center or doctor for treatment advice.

## KEEP OUT OF REACH OF CHILDREN CAUTION

**PRECAUCION AL USUARIO:** Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

**(TO THE USER:** If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

See **FIRST AID** and **PRECAUTIONARY STATEMENTS**.

### SHAKE WELL BEFORE USING

- IF INHALED:**
- Move exposed person(s) to fresh air.
  - If breathing problems persist, get medical attention.
- IF SWALLOWED:**
- Immediately call a poison control center or doctor.
  - Do not induce vomiting unless told to do so by a poison control center or doctor.
  - Do not give any liquid to the person.
  - Do not give anything by mouth to an unconscious person

**NOTE TO PHYSICIAN:** Seek medical attention if necessary.

FOR CHEMICAL SPILL, LEAK, FIRE, OR EXPOSURE CALL:  
CHEMTREC 1-800-424-9300

FOR MEDICAL EMERGENCIES ONLY CALL: 1-800-248-7763

### DIRECTIONS FOR USE

**READ ENTIRE LABEL — USE IN ACCORDANCE WITH LABEL INSTRUCTIONS**  
SHAKE WELL BEFORE USING

Maintain agitation in all spray systems. Essentria® Mosquito & Tick Concentrate is for use in and around buildings and structures as well as modes of transport.

### OUTDOOR USE AREAS:

Includes, but is not limited to treating around areas such as shrubbery, ground cover or other heavy vegetation areas including under porches/decks, and awnings where mosquitoes may rest or harbor, and not limited to around, homes, play structures, car ports, patios, schools, commercial buildings, warehouses, outdoor dining areas, public spaces/venues, barns, boat houses, boat docks, building foundations, dairy facilities, drains and sewers, drive-in restaurants, drive-in theaters, feed lots, fence lines, golf courses, greenhouses, hog barns, kennels, landscape areas, lawns, lathe houses, livestock facilities,

loading docks, marinas, mink farms, outdoor food service, parks, playgrounds, poultry houses, recreational areas, schools, stables, trees, turf, urban areas, and zoos. Not for aquatic use. Do not apply directly to water. Do not allow runoff to enter water.

**NOTE:** For sensitive surfaces such as vinyl, plastic, fabric, wood floors, etc., test a small non-visible area first before spraying. This includes vinyl siding, outdoor furniture, storm doors, windows, etc. It is possible that Essentria® Mosquito & Tick Concentrate may mar some sensitive surfaces. Cover or avoid sensitive surfaces. If spray gets on any sensitive surfaces, rinse with water and wipe off with clean cloth.

Dilute Essentria® Mosquito & Tick Concentrate with water and apply with conventional application equipment including, but not limited to, compressed air sprayers and power sprayers. When diluting with water, prepare only the amount needed for immediate use and maintain agitation. If the dilution is to be used over extended periods, maintain agitation throughout use. Make tank-mix applications in accordance with the more restrictive of label limitations and precautions. Do not exceed label dosages. Do not tank-mix this product with any product with label prohibitions against such mixing. Best results are achieved when used as part of a treatment protocol that includes physical, environmental, and other chemical pest control measures.

**PESTS INCLUDE:**

Mosquitoes, Ticks, House Flies and Lesser House Flies

Summary of Listed Uses and Rates				
	Listed Pests	Fluid Ounces product per gallon of water	Dilution application	Comments
Direct Spray	Mosquitoes	1 - 4	2 gal / 1,000 ft <sup>2</sup>	
Direct Spray	Ticks	1 - 8	1 - 3 fl oz / 1,000 ft <sup>3</sup>	Deer and similar sized ticks – 1 – 4 fl oz per gallon of water Lone Star and similar sized ticks – 4 – 8 fl oz per gallon of water Reapply as necessary
Direct Spray	House Flies and Lesser House Flies	1 - 4	2 gal / 1,000 ft <sup>2</sup>	Reapply as necessary
Fogging / Misting ULV and Thermal	Mosquitoes, House Flies and Lesser House flies	1 - 4	1 - 3 fl oz / 1,000 ft <sup>3</sup>	Reapply as necessary
Fogging / Misting ULV and Thermal	Ticks	1 - 8	1 - 3 fl oz / 1,000 ft <sup>3</sup>	Deer and similar sized ticks – 1 – 4 fl oz per gallon of water Lone Star and similar sized ticks – 4 – 8 fl oz per gallon of water Reapply as necessary
Automatic Spraying / Misting Systems	Mosquitoes, House Flies and Lesser House flies	1 - 4	1 fl oz / min max 2,000 ft <sup>3</sup>	Reapply as necessary

Automatic Spraying / Misting Systems	Ticks	1 - 8	1 fl oz / min max. 2,000 ft <sup>3</sup>	Deer and similar sized ticks - 1-4 fl oz per gallon of water Lone Star and similar sized ticks – 4 – 8 fl oz per gallon of water Reapply as necessary
Repellency	Mosquitoes	4 - 8	2 gal / 1,000 ft <sup>2</sup>	Reapply every 14 days
Repellency	House flies	8	2 gal / 1,000 ft <sup>2</sup>	Reapply every 2 days
Lower rates (1 fl oz – 4 fl oz) are for maintenance. Higher rates (6 fl oz – 8 fl oz) are for active infestations.				

**MOSQUITO, TICK, HOUSE FLY AND LESSER HOUSE FLY CONTROL:**

To control accessible, adult mosquitoes, exposed stages of ticks, adult house flies and adult lesser house flies in sites that include, but are not limited to, grassy areas, under shrubbery, around trees, etc., dilute at the rates of 1-8 fluid ounces of Essentria® Mosquito & Tick Concentrate per gallon of water (use lower rates for maintenance service and higher rates for active infestations). Thoroughly spray areas where these insects are usually found with special attention to cracks and crevices, niches, dark corners, drains and other harborage sites. Repeat as necessary. To prevent potential discoloring, test on non-visible areas (i.e., siding, decking, door frames, etc.) and wipe away excess.

**MOSQUITO AND HOUSE FLY SPATIAL REPELLENCY:**

For use as a spatial repellent against mosquitoes and suppression of house flies as a spatial repellent, mix 4-8 fluid ounces of Essentria® Mosquito & Tick Concentrate per gallon of water (use lower rates for maintenance service and higher rates for active infestations). Apply final dilution at 2 gallons per 1,000 square feet paying special attention to cracks and crevices, niches, dark corners, drains and other harborage sites. Repeat every 14 days for maximum efficacy against mosquitoes and every 2 days for maximum efficacy against house flies. To prevent potential discoloring, test on nonvisible areas (i.e., siding, decking, door frames, etc.) and wipe away excess.

**PERIMETER TREATMENTS AND RECREATIONAL AREAS:**

To control adult mosquitoes, exposed stages of ticks, adult house flies and adult lesser house flies with compressed air sprayers, dilute 1-8 fluid ounces of Essentria® Mosquito & Tick Concentrate per gallon of water depending on species being targeted (see above table). Apply final dilution at the rate of 2 gallons per 1,000 square feet or until area is thoroughly wet. Also apply to a band of soil and vegetation 6 to 10 feet wide around and adjacent to buildings. Treat the building foundation to a height of 2 to 3 feet with sufficient water for coverage. Make special efforts to spray areas where flying and crawling pest species congregate, including, but not limited to, waste receptacles, dumpsters, unoccupied picnic tables, the exterior of food handling establishments, and food pavilions. Additionally, apply around potential entry areas including, but not limited to, eaves, windows, doorways, porches, porch lights, and around utility boxes. For power sprayers, mix 1-8 fluid ounces of Essentria® Mosquito & Tick Concentrate per gallon of water (dependent on species and rate of infestation as per above) and apply until area is sufficiently covered (usually min. 2 gallons per 1,000 square feet). Use care and do not spray on sensitive plants. If not sure, test spray a few leaves 2 days before spraying entire plant. Exceeding rates may create potential phytotoxicity on turf surfaces. Maintain agitation. Repeat as necessary.

**OUTDOOR YARD OR BARRIER TREATMENT:**

Treat harborage areas such as shrubbery and vegetation where adult mosquitoes, exposed stages of ticks, adult house flies and adult lesser house flies may rest. Shrubby, vegetation and a 2–3-foot band of turf around

stagnant pools, marshy areas, ponds, and shorelines may be treated. Use care and do not spray on sensitive plants. If not sure, test spray a few leaves 2 days before spraying entire plant. Exceeding rates may create potential phytotoxicity on turf and vegetation surfaces. Maintain agitation. Repeat as necessary.

#### **ON AND AROUND BOAT DOCKS:**

To control or reduce; depending on species being targeted (see above table), dilute 1-8 fluid ounces of Essentria® Mosquito & Tick Concentrate per gallon of water and apply at the rate of 2 gallons per 1,000 square feet or until area is thoroughly wet. Since flying insects can migrate in and out of the treatment area, it is recommended to use this product as part of an Integrated Pest Management (IPM) program.

#### **INDOOR USE:**

Includes, but is not limited to areas such as where mosquitoes may rest or harbor, and not limited to, homes, apartments, restaurants, food processing facilities, car ports, sheds, shelters, canopies, garages, schools, commercial buildings, warehouses, public spaces/venues, barns, boat houses, dairy facilities, drains and sewers, greenhouses, hog barns, kennels, lathe houses, livestock facilities, loading docks, mink farms, poultry houses, schools, stables, and zoos. Not for aquatic use. Do not apply directly to water.

#### **FOGGING:**

To control adult mosquitoes, exposed stages of ticks, adult house flies and adult lesser house flies around sites that include, industrial installations, zoos, and warehouses, Essentria® Mosquito & Tick Concentrate may be applied as a space spray through conventional fogging equipment misting systems (including mist sprayers and mist blowers), automated spray systems, and/or related application technologies. Cover or remove exposed food and cover food-handling surfaces. Also cover sensitive surfaces (plastics, etc.). Depending on species being targeted (see above table), mix 1-8 fluid ounces of Essentria® Mosquito & Tick Concentrate with sufficient water to equal 1 gallon of diluted spray. Vacate treated area. Ventilate before reoccupying. Fogging may create slippery conditions on painted floor surfaces. Do not fog when people, pets or food are present. Do not apply this product in a way that will contact individuals either directly or through drift. Retreat if reinfestation occurs.

#### **AUTOMATIC SPRAYING SYSTEMS:**

Do not program automatic spraying systems to release pesticides where food or feed is directly exposed. To control adult mosquitoes, exposed stages of ticks, adult house flies and adult lesser house flies, add concentrate to tank and add water to obtain desired dilution. Agitate well while adding water and maintain thorough agitation while system is in use. In automatic spraying systems like, but not limited to, misting systems used to control adult mosquitoes, adult house flies and adult lesser house flies, solutions of Essentria® Mosquito & Tick Concentrate may be stored for extended periods of time, not to exceed one

week, only if the system has agitation, and the appropriate quantity of adjuvant is used. Dispense diluted concentrate through automatic spraying system. Set nozzles to deliver one fluid ounce liquid per minute. Locate nozzles to cover a maximum of 2,000 cubic feet of space per nozzle. Set timer to operate in accordance with equipment directions. Dilute Essentria® Mosquito & Tick Concentrate just prior to use at 1-8 fluid ounces per gallon of water depending on species being targeted (see above table). Misting may create slippery conditions on painted floor surfaces. Do not mist when people, pets or food are present.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage and disposal. **STORAGE:** Store in original container in a dry cool place inaccessible to children and pets. **DISPOSAL:** Do not reuse container. Recycle or discard in trash.

#### **Limitation of Liability**

To the fullest extent permitted by law, the manufacturer disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product. Buyer assumes all responsibility for safety and use not in accordance with label, directions, and precautionary statements.

This product qualified for exemption from EPA registration under Federal Insecticide Fungicide and Rodenticide Act (FIFRA).

For information, call 1-800-248-7763 or visit our Web site: [www.zoecon.com](http://www.zoecon.com)

Wellmark International, 1501 East Woodfield Road, 200W, Schaumburg, Illinois 60173

**NOTE:** This specimen label is for informational purposes only. All uses may not be approved in all states. See product labeling for use directions.

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