



- Broad spectrum essential oil based insecticide
- Kills and repels listed flying and crawling insects
- Low/pleasant fragrance
- Indoor & outdoor use
- Safe when used as directed

SPECIMEN LABEL

ACTIVE INGREDIENTS:

Sodium Lauryl Sulfate	11.0%
Geraniol	10.0%
Clove Oil	3.0%
Cornmint Oil	1.5%

INERT INGREDIENTS*: 74.5%

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 concentrate are recommended to wear:

- Protective eyewear
- Chemical resistant gloves made of neoprene, nitrile, or natural rubber

In California, persons handling concentrate 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: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

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® IC Pro is intended for use in and around buildings and structures as well as modes of transport.

INDOOR USE AREAS:

Includes, but is not limited to, apartment buildings, agricultural buildings and other manmade structures, bakeries, barns, beverage plants, bottling facilities, breweries, cafeterias, candy plants, canneries, cereal processing and manufacturing plants, child care facilities, daycare, food trucks, frozen food plants, furniture and bedding (see Note for sensitive indoor/outdoor surfaces), garages, greenhouses, grower facilities, homes, hospitals, health care, hotels,

houses, indoor plantscapes, industrial buildings, jail cells, kennels, kitchens, laboratories, lavatories, manufacturing facilities, mausoleums, meat processing and packaging plants, meat and vegetable canneries, military barracks, motels, multifamily homes, museums, nursing homes, outbuildings, prison facilities, research facilities, storage closets, storage sheds, office buildings, rest rooms, retail stores, schools, stores, supermarkets, warehouses, and similar structures.

OUTDOOR AREAS:

Includes, but is not limited to, 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, mushroom houses, 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

MODES OF TRANSPORT:

Boats, buses, trucks, trailers, rail cars, marine vessels, and cargo vessels.

NOTE: For sensitive indoor/outdoor 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® IC Pro 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® IC Pro 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 during use. Do Not Store Spray Solution Overnight. 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..

INDOOR USE

Do not apply directly to house plants. Avoid or cover any pools or aquaria prior to spraying.

PESTS INCLUDE:

American cockroach nymphs, ants (including fire ants, big headed ants, carpenter ants), aphids, armyworms, beetles, billbugs, blue/green bottle flies, box elder bugs, carpet beetles, cigarette beetles, clothes moths, cluster flies, crickets, cutworms, darkling beetles, dermestids, drain flies, dung flies, drugstore beetles, earwigs, flour beetles, face flies, firebrats, fruit flies, German cockroaches, grasshoppers, gnats, hemp aphids, house flies, Indian meal moths, Japanese beetles, kudzu bugs, lace bugs, mealybugs, midges, millipedes, mites, mosquitoes, multi-color Asian lady beetles, mole crickets, pill bugs, phorid flies, scale insects, sod webworms, sciarid flies, silverfish, sowbugs, spiders (including brown recluse [on non-porous surfaces] and cellar spiders), spider mites, springtails, stable flies, stink bugs, tent caterpillars, thrips, white flies, western conifer seed bugs, other true bugs (including brown marmorated stink bugs, boxelder bugs, *Jadera* bugs).

PEST CONTROL:

To control accessible, exposed stages of crawling insects including, ants (including fire ants, big headed ants, carpenter ants), cockroaches, including German cockroaches and aids in the control of American cockroach nymphs, spiders (including brown recluse [on non-porous surfaces] and cellar spiders), earwigs and true bugs (including brown marmorated stink bugs, boxelder bugs, *Jadera* bugs) in sites that include, but are not limited to, apartments, homes, industrial installations and warehouses, dilute at the rate of up to 1 to 8 fluid ounces of Essentria® IC Pro per gallon of water (use lower rate for maintenance service and higher rates for active infestations). Thoroughly spray non-visible 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 nonvisible areas (i.e.,

baseboards, door frames, walls, etc.) and wipe away excess.

COCKROACH HARBORAGE REPELLENCY:

For use as a harborage repellent against German cockroaches, mix 4-8 fluid ounces of Essentria® IC Pro per gallon of water (use lower rate 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 14-21 days. To prevent potential discoloring, test on non-visible areas (i.e., baseboards, door frames, walls, etc.) and wipe away excess.

FOGGING:

To control crawling and flying insects (including house flies, mosquitoes, gnats, fruit flies, phorid flies) in sites that include, industrial installations, zoos, and warehouses), Essentria® IC Pro 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.). Close and shut off air conditioning or ventilating equipment. Mix 1 to 8 fluid ounces of Essentria® IC Pro with sufficient water to equal 1 gallon of diluted spray. Apply at a rate of 1 to 8 fluid ounces per 1,000 cubic feet, filling the room with mist (or fog if thermal equipment is used). Keep area closed for at least 15 minutes. Vacate treated area. Ventilate before occupying. Fogging may create slippery conditions on painted floor surfaces. Retreat if reinfestation occurs.

The product does contain plant oils that are inherently fragrant. When used in confined spaces, prolonged exposure to the fragrance may be objectionable to some individuals.

OUTDOOR USE

PERIMETER TREATMENTS AND RECREATIONAL AREAS:

To control ants (including fire ants, big headed ants, carpenter ants), cockroaches, including German cockroaches and aid in the control of American cockroach nymphs, crickets, pill bugs, silverfish, sowbugs, and spiders (including brown recluse [on non-porous surfaces] and cellar spiders), true bugs (including brown marmorated stink bugs, boxelder bugs, *Jadera* bugs) in compressed air sprayers, dilute 1 to 8 fluid ounces of Essentria® IC Pro per gallon of water (use lower rate for maintenance service and higher rates for active infestations) and apply 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 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 to 8 fluid ounces of Essentria® IC Pro per gallon of water (use lower rate for maintenance service and higher rates for active infestations) 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.

MOSQUITO AND FLY SPATIAL REPELLENCY

For use as a repellent against mosquitoes and flies as a spatial repellent, mix 4-8 fluid ounces of Essentria® IC Pro per gallon of water (use lower rate 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 4 days for maximum efficacy. To prevent potential discoloring, test on non-visible areas (i.e., baseboards, door frames, walls, etc.) and wipe away excess.

MOSQUITO CONTROL AND OTHER FLYING INSECTS - OUTDOOR YARD OR BARRIER TREATMENT:

To control mosquitoes and flies using ground application, dilute 1 to 8 fluid

ounces of Essentria® IC Pro per gallon of water. Treat harborage areas such as shrubbery and vegetation where mosquitoes/flyes 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. Repeat every four days for maximum efficacy.

MOSQUITO CONTROL AND OTHER FLYING INSECTS—AUTOMATIC SPRAYING SYSTEMS:

Do not program automatic spraying systems to release pesticides where food or feed is directly exposed. To control flies, including house flies, lesser house flies, mosquitoes, and gnats, 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 for mosquito and other flying insect control, solutions of Essentria® IC Pro may be stored for extended periods of time, not to exceed one month, as long as 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® IC Pro just prior to use at 1 to 8 fluid ounces per gallon of water (use lower dilution rates for preventative applications).

TO CONTROL SPIDERS, FLYING INSECTS, AND OTHER LISTED NUISANCE PESTS ON AND AROUND BOAT DOCKS:

To control or reduce pests; dilute 1 to 8 fluid ounces of Essentria® Pro 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.

FOR USE ON CANNABIS, HEMP OR UNSPECIFIED FOOD CROPS: Approved in Florida for use on low-THC cannabis or medical marijuana

To control hemp aphid and spider mites, mix 1 to 8 fluid ounces of Essentria® IC Pro 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.

PREMISE USE DIRECTIONS FOR LIVESTOCK FACILITIES (When animals are not present)

To control ants (including fire ants, big headed ants, carpenter ants), cockroaches, including German cockroaches and aid in the control of American cockroach nymphs, earwigs, mosquitoes, and spiders (including brown recluse [on non-porous surfaces] and cellar spiders) mix 1 to 8 fluid ounces of Essentria® IC Pro per gallon of water (use lower rate for maintenance service and higher rates for active infestations) and apply at a rate of 2 gallons per 1,000 square feet. Thoroughly cover walls, ceilings, or other areas where pests rest or congregate in dairy barns, horse barns, poultry houses, swine buildings, livestock sheds, and other farm buildings. Maintain agitation. Repeat as necessary.

Summary of Listed Uses and Rates					
	Section	Listed Pests	Fluid Ounces product per gallon of water	Dilution application	Comments
Indoor	General	Crawling insects and spiders	1 - 8	2 gal / 1,000 ft ²	8 oz / gallon for fire ants
Indoor	Harborage repellency	Cockroaches	4 - 8	2 gal / 1,000 ft ²	Reapply 14-21 days
Indoor	Fogging / Misting ULV and Thermal	Crawling and flying insects and spiders	1 - 8	1 - 3 fl oz / 1,000 ft ³	Reapply as necessary
	Mosquito repellency	Mosquitoes	4 - 8	2 gal / 1,000 ft ²	Reapply every 4 days
Outdoor	Perimeter	Crawling insects	1 - 8	2 gal / 1,000 ft ²	Band 6" – 10" wide around adjacent buildings
Outdoor	Automatic Spraying / Misting Systems	Mosquitoes and other flying insects	1 - 8	1 fl oz / min	
Outdoor	Boat docks	Spiders, crawling and flying insects	1 - 8	2 gal / 1,000 ft ²	
	Cannabis, hemp, or unspecified food crops	Aphids and spider mites	1 - 8	2 gal / 1,000 ft ²	Test plants first
	Livestock facilities	Crawling and flying insects, spiders	1 - 8	2 gal / 1,000 ft ²	
Low rate is for maintenance (1 – 4 fl oz). Higher rates (6 fl oz – 8 fl oz) are for active infestations.					

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

