

# EcoVia® 3-in-1 emulsifiable concentrate

**Insecticide, Miticide and Fungicide**  
**Easy-Mixing, Low Odor Formula**  
**For Use on Ornamental & Consumable Plants**  
**For Use in Structural, Agricultural,**  
**Perimeter & Turf Pest Control**

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

Safe and Effective When  
Used and Stored as Directed

## Research-Based Botanical Insecticide

### Active Ingredients:

Thyme Oil.....12.0%  
Geraniol.....6.0%  
Cinnamon Oil.....2.0%  
Peppermint Oil.....2.0%

### Inert Ingredients:.....78.0%

Polyglyceryl Oleate, Acetyl Tributyl Citrate, Isopropyl alcohol, Isopropyl Myristate, Butyl Lactate

**Total**.....100.0%

FIFRA 25(b) exempt product



1257 Bedford Ave  
North Kansas City, MO 64116  
www.rockwelllabs.com  
816-283-3167  
Net Contents: 64 fl oz and 55 gals

### DIRECTIONS FOR USE

**READ ENTIRE LABEL — USE IN ACCORDANCE WITH LABEL**

### INSTRUCTIONS

### PRECAUTIONS AND NOTICES:

**-PERSONAL PROTECTIVE EQUIPMENT - WARNING:** Undiluted concentrate from the bottle can cause extreme eye irritation if eye contact occurs. Skin contact with the concentrate may cause skin irritation. Protective eyewear and chemical resistant gloves (eg. nitrile) are required when handling the concentrate. In the State of California, protective eyewear and chemical resistant gloves are required when handling the concentrate.

Applicator should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if the product gets inside. Wash thoroughly and put on clean clothing. Remove PPE after handling this product. Wash the outside of the gloves before removing.

-Do not use, pour, spill or store near heat or open flame.

-Do not use product in conduits, junction boxes, or other electrical equipment because of possible shock hazard.

-Product contains botanical oils that are inherently fragrant. When used indoors or in confined spaces, prolonged exposure to the scent may be objectionable to some individuals. Clean up residual product to diminish scent.

-Product diluted per the label may leave a slight oily stain when sprayed on porous surfaces such as unsealed/unpainted concrete, wood, brick or stone, and drywall, fabric or carpet. Essential oils can also damage certain plastics. If overspray lands on any sensitive surfaces simply rinse with water and wipe off with a clean cloth. Liquid soap may be used for clean up if needed. Concentrate will likely damage susceptible materials such as thin plastics.

-Do not apply to food contact surfaces. Wipe up any overspray that lands on food contact surfaces with a clean, damp cloth.

-Product has been used without damage on a large number of, but not all, plant types. Plants with known sensitivity to oils include basil, evergreens, maple trees and other plants that are burned by horticultural oils such as 435 oil. Apply in the early morning / late evening to minimize potential for leaf burn. Do not apply to wilted or stressed plants, or to sensitive or tender tissue plants without a small scale test for leaf burn.

-Do not apply directly to surface water.

-\*During times of high Japanese beetle pressure, beetles may be attracted to certain essential oil based pesticides. Do not spray on plants that are attractive to Japanese beetles, and discontinue outdoor use if significant Japanese beetle populations are present in the area.

Rockwell Labs Ltd represents that this product is exempt from registration pursuant to FIFRA 25(b). This product is not EPA registered.

**Pests:** Adelgids, ants, aphids, armyworms, Asian lady beetles, blow flies, bat bugs, bed bugs, boxelder bugs, cabbage loopers, cabbage worms, carpenter ants, caterpillars, cigarette beetles, cluster flies, cockroaches, crickets, cutworms, darkling beetles, dermestid beetles (carpet beetles, hide beetles, khapra beetles, larder beetles, warehouse beetles), dried fruit beetles, drugstore beetles, diamond back moth larvae, face flies, fall webworms, false mealworms, flat bark beetles, flea beetles, fleas, fruit flies, fruitworms, furniture beetles, goldenrain tree bugs, grain beetles (flat, foreign, merchant, sawtoothed), grasshoppers, ground beetles, house flies, horn flies, Japanese beetles\*, June bugs, lappet moths, leaf beetles, leaf-footed bugs, lesser mealworms, locusts, mealworms, mosquitoes, oriental beetles, pea weevils, phylloxerids, picnic beetles, pollen beetles, potato beetles, powdery mildew, red and confused flour beetles, red mites, red-shouldered bugs, sap beetles, sawtooth grain beetles, sow bugs, spider mites, squash bugs, stable flies, tent caterpillars, ticks, and other related pest species.

\*See notice regarding Japanese beetles.

**INDOOR SITES:** Commercial and residential buildings, warehouses, production and processing facilities (including federally-inspected), garages, outbuildings, basements, drains, vent stacks, sewers, pipe chases, agricultural buildings, kennels, chicken coops, silos and storage bins, ornamental and edible/consumable plants and landscapes, mushroom houses, greenhouses, hydroponic facilities and other man-made structures. Suitable for organic production.

**OUTDOOR SITES:** Lawns, gardens, structural exteriors and perimeters, livestock yards, fence lines, trees, bushes and shrubs, landscape beds, nurseries, ornamental plants and turf, parks, pastures, playgrounds, recreational areas, right-of-ways, and golf courses.

**CROP SITES:** Cannabis (where cultivation is allowed by state and/or local law), edible plants, fruit bearing plants and trees, vineyards, cotton, lumber and other cultivated commodities. May also be applied to raw agricultural commodities after harvest. Suitable for organic production.

**MIXING INSTRUCTIONS AND APPLICATION EQUIPMENT:** Shake well before using. Mix with water or oil and apply with a hand pressurized compressed air sprayer, backpack sprayer or mist blower, power sprayer, mechanical aerosol misting/fogging equipment, cold/ULV foggers or other conventional application equipment. Thermal foggers are not recommended. Clean spray equipment before use. Add approximately half of the required amount of water or oil to the tank and then add the appropriate amount of product, agitate and add the remaining water or oil. Apply the solution until surfaces are wet, but not to the point of run-off. Product requires only light agitation in spray systems after concentrate has been diluted. After applications, rinse the tank with clean water, pressurize the tank and flush the valve and hose.

Mix Rate	0.1 fl oz/gal	0.25 fl oz/gal	2 fl oz/gal	3 fl oz/gal	4 fl oz/gal
Active Ingredient Concentration	0.017%	0.043%	0.34%	0.52%	0.69%

### INDOOR USE

Apply sparingly (crack, crevice, spot) in indoor enclosed occupied areas such as offices, residences and dining establishments due to fragrance potential. A rate of not more than 2 oz/gal is recommended if people are present, or will be present shortly after treatment, or ventilate the area after treatment. When sprayed on porous/unsealed surfaces, product may leave a slight oily stain.

**Structural use:** Apply to cracks, crevices, corners, edges, pipe chases, where pipes or wires enter buildings and other areas where pests may harbor or travel. Do not apply to food contact surfaces.

**Plant use:** Dilute product and apply with spray or misting equipment until foliage is thoroughly wet. A small-scale test is recommended to verify safety prior to broad plant treatment, particularly when treating plants with known sensitivity to oils, and/or young, tender plants or wilted/distressed plants.

**Space Spray/Fogging:** Close and shut off air conditioning and ventilating equipment. Vacate persons from the area. Dilute product with water or oil and apply through cold fogging or ULV equipment or misting systems at the rate of 1 to 3 fluid ounces per 1000 cubic feet, filling the area with mist or fog. Ventilate treated areas before reoccupying. If an oily residue is left on any sensitive surfaces after treatment, wipe up with a clean, damp cloth. Fogging oils may create slippery conditions on surfaces.

### OUTDOOR USE

**Perimeter Treatment:** Dilute product and apply until area is thoroughly wet. For perimeter treatment, apply product to a band of soil and vegetation up to 10 feet wide around and adjacent to buildings. Make specific efforts to spray areas where pest species congregate such as, but not limited to, landscape timbers, mulch, waste receptacles, dumpsters, under decks and porches and to the soil in crawlspaces. Product may be applied on building foundations, siding, around window and doorframes, eaves and potential pest entry points. See notice regarding potential for staining porous/unfinished surfaces. Reapply as needed.

**Ornamental Turf, Plants, Trees and Shrubs, and Garden/Crop Use:** Dilute product and apply until foliage is thoroughly wet. A small-scale test is recommended to verify safety prior to broad plant treatment, particularly when treating plants with known sensitivity to oils, and/or young, tender plants. To minimize burn potential on delicate plants, apply in the early morning or evening.

See table for dilution rates for common pests/sites. Use higher rates for active infestations and lower rates for maintenance. Use lower rates for power sprayer application versus compressed air sprayers and misters. Exceeding rates may result in phytotoxicity of treated plants.

Outdoor perimeter and turf use, including, ants, roaches, crickets, fleas, ticks, earwigs, sow bugs, pill bugs	2-4 fl oz/gal, or in sufficient water to cover 1000 sq ft	Compressed air sprayer, mist blower, or power sprayer
Cabbage worms, cabbage loopers, cutworms, armyworms, fruitworms, caterpillars, tent caterpillars, fall webworms, diamondback moth larvae	2-4 fl oz/gal, or in sufficient water to cover 1000 sq ft Mixing 10-20% light mineral oil is recommended for severe infestations of late-stage larger larval forms. Do not add oil on sensitive plants	Compressed air sprayer, mist blower, or power sprayer
Early-stage larvae	2-3 fl oz/gal	
Picnic beetles, sap beetles, pollen beetles, dried fruit beetles, ground beetles, squash bugs, leaf-footed bugs, potato beetles, Japanese beetles, leaf beetles, pea weevils, flea beetles, Oriental beetles, June bugs, darkling beetles, false mealworm beetles	2-4 fl oz/gal, or in sufficient water to cover 1000 sq ft Use higher rates for larger species	Compressed air sprayer, mist blower, or power sprayer
Adelgids, aphids, phylloxerids, red mites, spider mites	2-3 fl oz/gal, or in sufficient water to cover 1000 sq ft With oil-sensitive plants, use lower rates and repeat application in 24 hours	Compressed air sprayer, mist blower, or power sprayer
Grasshoppers, locusts	2-4 fl oz/gal, or in sufficient water to cover 1000 sq ft	Compressed air sprayer, mist blower, or power sprayer
Asian lady beetles, boxelder bugs, cluster flies, red-shouldered bugs, goldenrain tree bugs	2 fl oz/gal, or in sufficient water to cover 1000 sq ft	Compressed air sprayer, mist blower, or power sprayer
Powdery mildew	0.1-0.25 fl oz/gal, or in sufficient water to cover 1000 sq ft. Reapply weekly as needed for management	Compressed air sprayer, mist blower, or power sprayer
Greenhouse misting and fogging (low volume and ULV cold fogging)	2-4 fl oz/gal in oil or water	Apply 1-3 fl oz of finished solution per 1000 cu ft
Stored product beetles and larvae, general indoor structural use	2-4 fl oz/gal Use lower rates for larval stages and soft-bodied insects	Compressed air sprayer

**Mosquito and Fly Control:** A heavy, wet mist delivered from a backpack mister, cold/ULV fogger or other portable misting device capable of producing droplet sizes in the 50-100+ micron range is the preferred application method for mosquito and fly control. Adjust mister settings so that the flow rate penetrates all foliage to the point of run-off. Coverage should be no greater than 2500 sq ft per gallon of finished solution. See table next panel.

**Mosquitoes:** Dilute product at a rate of 2 fl oz per gallon (or in sufficient water to cover 1000 sq ft). Treat areas such as shrubbery, ground cover or other heavy vegetation, and other areas that don't see sunlight, such as under porches/decks where mosquitoes may rest, harbor or breed. Treat terrestrial areas that intermittently hold standing water. Apply deep into heavy vegetation, versus just over the top, and thoroughly treat the underside of leaves, where mosquitoes are most likely to harbor. Ensure that the solution is applied to the ground as well as vegetation. May also be used to treat abandoned buildings and basements, sewers or storm drains and underground drainage pipes that drain into water treatment facilities, and other areas where adult mosquitoes find harborage.

**Flies:** Dilute product at the rate of 2-4 fl oz per gallon (or in sufficient water to cover 1000 sq ft) and apply until area is thoroughly wet. Apply to areas where flies congregate, rest or breed such as patios and decks, exterior trash cans, dumpsters, livestock paddocks or holding areas, and other open spaces.

Fl oz of concentrate per gallon of solution	Gallons of water (tank size)	Percent actives in solution	Coverage not to exceed
5	1	0.88	2500 sq ft
7.5	1	1.29	2500 sq ft
10	1	1.72	2500 sq ft
15	3	0.88	7500 sq ft
22.5	3	1.29	7500 sq ft
30	3	1.72	7500 sq ft

**Flea and Tick Control:** Dilute product at the rate of 2-4 fl oz per gallon (or in sufficient water to cover 1000 sq ft). A heavy, wet spray delivered from a backpack sprayer, power spray rig or other coarse spray pattern is the preferred application method for fleas and ticks. Apply until area is thoroughly wet. Apply to grassy areas and under plants, bushes, shrubs, trees and other shaded, damp areas. If there is a pet dog, also apply along the outer edges of lawns, under porches, and other areas where the dog travels or rests.

#### Conditions of Warranty and Limitations of Liability

**IMPORTANT: READ BEFORE USE** Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Manufacturer. All such risks shall be assumed by the user or buyer. **DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Manufacturer makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Manufacturer is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Manufacturer disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Manufacturer's election, the

replacement of product.

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emulsifiable concentrate



#### STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Soak up with an absorbent material such as purpose made socks or pads, or use sand, sawdust, corncob grit, soil, fuller's earth, etc. Dispose of in accordance with local/state/federal regulations.

**STORAGE:** Store upright in original container in an area inaccessible to children and pets. Avoid exposure to extreme temperatures.

**CONTAINER DISPOSAL:** This container may be refilled with EcoVia 3-in-1 by the end user. Do not reuse container for any other purpose. Dispose of in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP which is managed as a public private partnership.

#### PERSONAL PROTECTIVE EQUIPMENT - WARNING:

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#### Active Ingredients:

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Geraniol..... 6.0%  
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**Total..... 100.0%**

FIFRA 25(b) Product

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Creating the future of pest control

1257 Bedford Ave, North Kansas City, MO 64116  
www.rockwelllabs.com 816-263-3167

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> <li>*Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>*Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>*Call a physician if irritation persists.</li> </ul>
IF ON SKIN:	<ul style="list-style-type: none"> <li>*Wash exposed area thoroughly with soap and water.</li> </ul>
IF INHALED:	<ul style="list-style-type: none"> <li>*Move exposed person(s) to fresh air.</li> <li>*If breathing problems persist, get medical attention.</li> </ul>
IF INGESTED:	<ul style="list-style-type: none"> <li>*Rinse mouth out with water.</li> <li>*Do not induce vomiting.</li> <li>*Obtain medical attention if feeling sick or nauseous.</li> <li>*Seek medical attention if necessary.</li> </ul>