

EcoVia® EC

emulsifiable concentrate



Broad Spectrum Insecticide

Easy Mixing, Low Odor Formula

Research-Based Botanical Insecticide

Keep Out of Reach of Children

CAUTION

Safe and Effective When Used and Stored as Directed
FIFRA 25(b) Product

Active Ingredients:

Thyme oil.....20.0%
2-Phenylethyl propionate.....14.0%
Rosemary oil.....8.0%

Inert Ingredients.....58.0%

Polyglyceryl oleate, Isopropyl alcohol,
Wintergreen oil, Isopropyl myristate
Total.....100.0%
FIFRA 25(b) Product

Net Contents: 16 fl oz or 64 fl oz

Manufactured by:



North Kansas City, MO 64116

816-283-3167

www.rockwelllabs.com

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. 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 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 has not stained, discolored or caused damage to painted or varnished surfaces, fabrics, or other surfaces in testing. However, test treat a small non-visible area and allow to dry, to determine whether staining or discoloration will occur. If overspray lands on any sensitive surfaces (particularly plastics), 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.

-Product has not shown phytotoxicity in testing when used as directed, but all plant types have not been tested, so if concerned about particular plant sensitivity, test treat a small area first and wait 48 hours to determine if burning occurs.

-Do not apply directly to surface water.

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

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, Asian lady beetles, blow flies, bat bugs, bed bugs, blue/green bottle flies, boxelder bugs, carpenter ants, centipedes, cluster flies, cockroaches, fall webworms, flesh flies, flour beetles (red and confused), crickets, face flies, fleas, firebrats, goldenrain tree bugs, hornets, horn flies, house flies, lappet moths, leaf hoppers, mealworms (yellow, lesser, false), mosquitoes, phylloxerids, pill bugs, red-shouldered bugs, silverfish, spiders, sow bugs, springtails, stable flies, tent caterpillars, termites*, ticks, wasps, weevils (granary, maize, rice), woodlice, yellowjackets and other related pest species.

*This product is not recommended as sole protection against termites and is not approved as a pre-construction treatment for subterranean termites.

USE SITES: In and around structures, including but not limited to: residential, multi-family, commercial, industrial, municipal, institutional, retail, research, recreational, health care, educational, daycare, hospitality and agricultural buildings and other man-made structures; furniture and bedding (see notice below regarding staining), feed lots, fence lines, garages, greenhouses, sheds, outbuildings, indoor plantscapes, mausoleums, boat houses and boat docks; around and over, waterways, lakes, ponds, stagnant and ornamental water (see Mosquito and Fly Control); vent stacks, drains and sewers, urban areas, animal rearing and handling establishments, food service, mushroom houses, kennels and zoos. Turf sites include but are not limited to: lawns, trees, bushes and shrubs, landscape beds, ornamental turf, parks, playgrounds, recreational areas, right-of-ways, and golf courses. Transport vehicles including: trucks, trailers, trains, rail cars, buses, boats, marine vessels and other cargo vessels. Do not use on food or feed commodities, or on food contact surfaces in food handling establishments.

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	2 fl oz/gal	3 fl oz/gal	4 fl oz/gal
Active Ingredient Concentration	0.66%	0.98%	1.31%

Mix at a rate of 2-4 fl oz per gallon, or in sufficient water to cover 1000 sq ft. Use lower mix rates for maintenance service and lighter infestations, and higher rates for active/heavier infestations and larger insects.

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.

General Crawling Insect Control: Treat areas where pests are present, or where pests normally feed, find shelter, or travel. Spray cracks and crevices where insects may hide or enter the building. Some of these areas include baseboards, floorboards, corners, around water and utility pipes, behind and under refrigerators, cabinets, sinks, behind and beneath equipment and appliances, around floor drains, window and door frames and other possible pest harborage sites. Do not apply directly to house plants. Cover/avoid any pools or aquaria prior to spraying.

Ant Control: Apply to ant trails, nests, cracks, and crevices where ants are entering the structure, feeding or travelling. Remove food sources.

Flying Insect Control: Apply as a spot treatment in areas where insects rest, mate, or enter the structure such as window frames, doors, light fixtures, and other surfaces that attract flying insects.

Ticks and Fleas: Treat infested areas such as pet beds and resting areas, carpeted floors, cracks, voids, crevices, and other harborage areas nearby the infested areas. Do not spray this product directly on pets. Thoroughly clean, or replace, all pet bedding after infestation is eliminated. Pets in infested quarters should be treated with an appropriately labeled on-animal treatment.

Bed Bugs: Dilute product at the rate of up to 2 fluid ounces per gallon. Remove bedding and take the bed apart. Treat the interior framework, joints and cracks in the bed frame. Treat the mattress and box spring, paying particular attention to tufts, folds and edges, and the interior framework of the box spring. Remove wall-mounted head boards and treat the back side. Treat picture frames, moldings, hollow furniture legs, cracks and crevices, along baseboards, and any areas with visible signs of infestation, including rugs and carpet. Treat upholstered furniture by removing or lifting (if possible) the cushions and treating the undersurface. Treat the interior framework, cracks and joints of the furniture, and the folds, tufts and edges of cushions and other upholstered areas. Do not treat toys and stuffed animals with product. No label dosages may be exceeded. See notice regarding fragrance and be mindful of treatment volumes in rooms that will be reoccupied shortly after treatment.

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.

Food Processing Plants, Including Federally Inspected: All food and food products should be removed or covered during treatment when using product as an area space spray/fog in food processing plants. Do not apply as a space spray/fog while facility is in operation. Cover all food processing surfaces and equipment during treatment or clean with detergent and rinse thoroughly with potable water before facility operations commence. Also cover any sensitive surfaces (plastics, storage containers, vinyl, etc). Close and shut off air conditioning and ventilating equipment. All persons must vacate the treated area. Ventilate treated areas before reoccupying. Food processing operations may continue when this product is applied as a crack and crevice treatment only, with care and in accordance with the directions and precautions provided herein. Treat all accessible cracks and crevices using a compressed air sprayer at the rate of 2 fluid ounces per gallon directly before fogging for maximum effect.

Note: For oil dilutions that are applied in food handling establishments, a deodorized petroleum oil which conforms to CFR 21 (especially section 172.884) is required (such as Exxon Isopar M, Ashland Low Odor Base Solvent or equivalent). Tank mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label dosages may be exceeded. This product cannot be tank mixed with any product with label prohibitions against such mixing. Fogging oils may create slippery conditions on surfaces. Retreat if reinfestation occurs.

OUTDOOR USE

Perimeter and Turf 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.

Ant Mounds: Dilute at 2 fluid ounces of product per gallon. Apply up to 1 to 2 gallons directly to each mound until it is wet. In addition, apply product in a 2 to 4 foot diameter circle around the mound to control foraging workers and newly mated queens. Use the higher volume for mounds larger than 12 inches. For best results, apply in the early morning or during late evening hours.

Stinging Insects: Dilute product at the rate of 2 to 4 fluid ounces per gallon (use lower rate for maintenance service and higher rates for active infestations) and apply until area is thoroughly wet. Treat nest, nest entrances, harborage sites, and areas where stinging insects, land, walk, or rest. Applicators should wear protective equipment if applications are made when stinging insects are active. For best results, apply in the early morning or during late evening hours.

Ornamental Trees and Shrubs: Dilute product at the rate of up to 2 fluid ounces per gallon or 2 fluid ounces in sufficient water to treat 1000 sq ft and apply until foliage is thoroughly wet. Exceeding rate may result in phytotoxicity of treated plants. A small-scale test is recommended to verify safety to ornamental plants. While phytotoxicity testing has been carried out on ornamental plants under various environmental conditions, and no

phytotoxicity has been observed, certain cultivars may be sensitive to the final solution. To minimize burn potential on delicate plants, apply in the early morning or evening.

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 below:

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	1.64	2500 sq ft
7.5	1	2.46	2500 sq ft
10	1	3.28	2500 sq ft
15	3	1.64	7500 sq ft
22.5	3	2.46	7500 sq ft
30	3	3.28	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.

Boat Houses and Boat Docks:

For spiders, flying insects and other nuisance pests, dilute product at the rate of 2-4 fl oz per gallon and apply to surfaces until damp, but not running off. Do not apply directly to water.

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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STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

SPILL PROCEDURES: In case of significant spill or leakage, 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 EC 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:

Thyme oil..... 20.0%
 2-Phenylethyl propionate..... 14.0%
 Rosemary oil..... 8.0%

Inert Ingredients..... 58.0%

Polyglyceryl oleate, Isopropyl alcohol,
 Wintergreen oil, Isopropyl myristate
 Total..... 100.0%

FIFRA 25(b) Product

KEEP OUT OF REACH OF CHILDREN

CAUTION

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1257 Bedford Ave, North Kansas City, MO 64116
 www.rockwelllabs.com 816-283-3167

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