INSECTICIDE / MITICIDE

ECOTROL® EC

A BROAD SPECTRUM INSECTICIDE/MITICIDE FOR USE IN AGRICULTURE, FRUITS, NUTS AND VEGETABLE CROPS

OMRI Listed
Organic Materials Review Institute

- **EMULSIFIABLE CONCENTRATE**
- **NO REENTRY INTERVAL**

Ingredients in this product meet the requirements of the USDA National Organic Program

Active Ingredients:

Rosemary Oil	10.00%
Peppermint Oil	2.00%
Other Ingredients*	88.00%
Total	100.00%

*Wintergreen Oil, Vanillin, Lecithin, Butyl Lactate

KEEP OUT OF REACH OF CHILDREN
CAUTION – PRECAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

Use only according to label instructions. Read the entire label before using this product.

This product has not been registered by the US Environmental Protection Agency. EcoSMART Technologies, Inc. represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide, and Rodenticide Act.

First Aid

IF IN EYES: Flush with water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician if irritation persists.

IF ON SKIN: Wash exposed area with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Get medical attention if irritation persists.

IF INHALED: Remove person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF SWALLOWED: Rinse mouth out with water. Call a doctor or get medical attention as soon as possible. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

EcoSMART® Technologies, Inc.

NET CONTENTS:
2.5 GALLONS

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

CAUTION

Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or spray mist. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Persons applying this product should wear:

- Long sleeve shirts and long pants, shoes and socks
- Protective eyewear
- Chemical resistant gloves made of neoprene, nitrile or natural rubber.

User Safety Recommendations

Users 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 gloves before removing. As soon as possible, wash thoroughly and change into clean clothes.

Physical or Chemical Hazards

Do not use, pour, spill or store near heat or open flames. Store only in original container.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It also contains specific instructions and exceptions pertaining to statements on this label about personal protective equipment (PPE). The requirements of this box only apply to uses of this product that are covered by the Worker Protection Standard.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and involves contact with anything treated such as plants or soil is: Long sleeved shirt, long pants, shoes and socks, chemical resistant gloves.

GENERAL INFORMATION

EcoTrol®EC is a broad spectrum, contact insecticide/miticide. It controls pests such as aphids, thrips, white flies, mites, diamondback moth, cabbage looper, fall armyworm, beet armyworm, and Colorado potato beetle.

DIRECTIONS FOR USE

Only protected handlers may be in the application area. Do not apply this product in a way that will contact workers or other persons either directly or through drift.

THE USE OF SPREADER AND/OR PENETRANT ADJUVANT IMPROVES THE PERFORMANCE OF ECOTROL® EC

EcoTrol®EC can be applied through most standard or field type sprayers after dilution and mixing with water in accordance with label instructions. For best results, spray coverage should be uniform and complete. Always read and follow label directions for adjuvants.

PREHARVEST INTERVAL: EcoTrol®EC may be applied to crops at any time up to and including the day of harvest.

Use lower rates for light to moderate insect infestations and higher rates for heavy infestations. Repeat application as required to maintain the desired level of control.

Mixing and Application Instructions

SHAKE WELL BEFORE USING. TO MAINTAIN A HOMOGENEOUS SPRAY MIXTURE, CONSTANT AGITATION OR RECIRCULATION IS REQUIRED.

Apply spray solutions in properly maintained and calibrated equipment capable of delivering the desired volumes. Always clean tank, pump and lines thoroughly with water after use.

Mixing

Add EcoTrol® EC to one-half (1/2) tank under agitation containing water of 45° F or greater before filling to desired level. When combining with other products, such as adjuvants, insecticides, fungicides, or fertilizers, add these products first when the tank is approximately 1/2 full. Ensure that there is good agitation while mixing for complete emulsification. Maintain agitation during spray application.

Application Equipment and Techniques

Spray droplet size should be adjusted to minimize drift and allow application to the intended exposure area only.

Boom Equipment

For best insect control using hydraulic or hydraulic air assist equipment, use the recommended rate of this product in sufficient gallons of spray solution per acre as a broadcast spray. Spray should thoroughly wet foliage but not run off.

Hand-held and High Volume Equipment

Spray-to-wet applications of this product may be made with knapsack and backpack sprayers, pump-up pressure sprayers, handguns, hand wands, and other hand-held spray equipment and vehicle mounted high volume spray equipment. For the most efficient use of spray mixture, spray all leaf surfaces uniformly and completely to wetness.

AERIAL APPLICATIONS

• Prior to application, check the aircraft/helicopter spray equipment for uniformity of spray pattern, spray width and output.

• Apply a minimum of 15 gallons per acre of diluted product.

• Optimum results are obtained when plant foliage is not too dense.

• Use an output that will ensure optimum product penetration and coverage.

• Make aerial applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph.

• Low humidity and high temperature increase the evaporation rate of spray droplets and therefore the likelihood of good coverage.

• Use the largest droplet size consistent with good pest control. Formulation of very small droplets may be minimized by appropriate nozzle selection, by orientating nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.

• Spray should be released at the lowest height consistent with pest control and flight safety. Applications more than 10 feet above the crop canopy is not recommended.

Storage and Disposal

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

Storage: Keep container tightly closed when not in use. Store only in the original container in a cool dry place away from children and pets.

Container Disposal: Do not reuse empty container. Triple rinse empty container then puncture and dispose of container in a sanitary landfill, or incinerator, or if allowed by state and local regulations, by burning. If burned, stay out of smoke. Triple rinsed containers may be offered for recycling.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on-site or at an appropriate waste disposal facility.

LIMIT OF WARRANTY AND LIABILITY:
EcoSMART Technologies, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify EcoSMART of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of EcoSMART including, but not limited to, incompatibility with other products other than those set forth in Directions, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time periods when the product is applied, as well as weather conditions which are outside the applications ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop, or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF ECOSMART OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF ECOSMART OR SELLER, THE REPLACEMENT OF SUCH QUANTITY OR IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL ECOSMART OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY, which may not be varied by any verbal or written agreement.

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U.S. and Foreign patents pending.

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APPLICATION RATES

Crops Including but not limited to…	**Insects / Mites Including but not limited to…**	**Application Rate and Spray Volume Per Acre[1] for Ground Applications[2].**
Legume & Fruiting Vegetables: Beans, Eggplants, Lentils, Peas, Peanuts, Peppers and Tomatoes	Aphids, Whiteflies, Two-Spotted, Spider Mite, Plant Bugs, Stink Bugs, Small Larvae of Armyworms, Cutworms, Loopers, Beetles, and Weevils	1.0 - 1.5 Pints. Apply in a minimum of 25 gallons of spray volume. For spray volumes exceeding 75 gallons, use the rate of 1.5 Pints.
Bulb, Cole & Leafy Vegetables: Broccoli, Cabbage, Cauliflower, Celery, Garlic, Lettuce, Onions and Spinach	Aphids, Whiteflies, Leafhoppers, Thrips, Plant Bugs, Stink Bugs, Small Larvae of Armyworms, Cutworms, Loopers, Beetles and Weevils	1.0 - 1.5 Pints. Apply in a minimum of 25 gallons of spray volume. For spray volumes exceeding 75 gallons, use the rate of 1.5 Pints.
Curcurbits: Cantaloupes, Cucumbers, Melons, Squashes and Watermelons	Aphids, Whiteflies, Plant Bugs, Stink Bugs, Small Larvae of Armyworms, Cutworms, Loopers, Beetles, and Weevils	1.0 - 1.5 Pints. Apply in a minimum of 25 gallons of spray volume. For spray volumes exceeding 75 gallons, use the rate of 1.5 Pints.
Root & Tuber Vegetables: Potatoes, Radishes, Sweet Potatoes and Turnips	Aphids, Plant Bugs, Potato Leafhoppers and Two-Spotted Spider Mite	1.0 - 1.5 Pints. Apply in a minimum of 25 gallons of spray volume. For spray volumes exceeding 75 gallons, use the rate of 1.5 Pints.
Alfalfa:	Aphids, Leafhoppers, Plant Bugs, Stink Bugs, Thrips, Weevils, Cutworms and Armyworms	0.5 - 1.0 Pint. Apply in a minimum of 25 gallons of spray volume. For spray volumes exceeding 75 gallons, use the rate of 1.0 Pints.
Herbs & Spices: Anise, Basil, Dill, Mint, Peppermint, Spearmint, Thyme and Wintergreen	Aphids, Leafhoppers, Whiteflies, Two-Spotted Spider Mite and Small Larvae of Caterpillars	0.5 - 1.0 Pint. Apply in a minimum of 25 gallons of spray volume. For spray volumes exceeding 75 gallons, use the rate of 1.0 Pints.
Small Fruits & Berries: Blackberries, Blueberries, Cranberries, Raspberries and Strawberries	Aphids, Leafhoppers, Mealybugs, Whiteflies, Two-Spotted Spider Mite, Pacific Spider Mite, McDaniel Mite, European Red Mite and Small Larvae of Caterpillars	1.5 - 2.0 Pints. Apply in a minimum of 50 gallons of spray volume. For spray volumes exceeding 100 gallons, use the rate of 2.0 Pints.
Grapes:	Leafhoppers, Sharpshooters, Two-Spotted Spider Mite, Pacific Spider Mite, Willamettes Mite, Mealbugs and Small Larvae of Caterpillars	1.5 - 3.0 Pints. Apply in a minimum of 50 gallons of spray volume. For spray volumes exceeding 100 gallons, use the rate of 3.0 Pints.
Citrus, Pome & Stone Fruits: Apples, Apricots, Cherries, Lemons, Grapefruits, Oranges, Peaches, Nectarines, Pears, Plums and Prunes	Aphids, Thrips, Leafhoppers, Psylla, Scales, Two-Spotted Spider Mite, Pacific Spider Mite, McDaniel Mite, European Red Mite, Citrus Red Mite, Citrus Rust Mite, Small Larvae of Leafrollers and Caterpillars	2.0 - 4.0 Pints. Apply in a minimum of 50 gallons of spray volume. For spray volumes exceeding 100 gallons, use the rate of 4.0 Pints.
Nuts: Almonds, Cashews, Pecans, Pistachios and Walnuts	Aphids, Two-Spotted Spider Mite, Pacific Spider Mite, McDaniel Mite and European Red Mite	2.0 - 4.0 Pints. Apply in a minimum of 75 gallons of spray volume. For spray volumes exceeding 100 gallons, use the rate of 4.0 Pints.
Field Crops: Corn, Cotton, Sorghum, Soybeans, Sweet Corn and Tobacco	Aphids, Soybean Aphid, Whiteflies Two-Spotted Spider Mite, Plant Bugs, Stink Bugs, Small Larvae of Armyworms, Cutworms, Loopers, Beetles, and Weevils	2.0 - 4.0 Pints. Apply in the minimum of 25 gallons of spray volume. For spray volumes exceeding 100 gallons, use the rate of 4.0 Pints.

[1] Low application rates are recommended for low to moderate infestations and low spray volumes as outlined in the table. Applications should be made once the pest is observed. High application rates are recommended for high infestations and high spray volumes as outlined in the table. [2] **For aerial applications use a minimum of 15 gallons of spray volume per acre. Complete foliage coverage is important to achieve control. The use of spreader and/or penetrant adjuvant improves product performance.**