



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

67425-20

Date of Issuance:

FEB 2 2004

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

EcoPCO EC

Name and Address of Registrant (include ZIP Code):

EcoSMART Technologies, Inc.
318 Seaboard Lane, Suite 202
Franklin, TN 37067

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

a. Revise the EPA Registration Number to read, "EPA Reg. No.67425-20".

b. Change the Precautionary Statements to read:

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

c. Change the statement, ~~✘~~Aircraft (do not use in occupied aircraft cabins)~~✘~~, to read ~~✘~~Aircraft (do not use in aircraft cabins).

Signature of Approving Official:

See page 2

Date:

February 2, 2004

D. Delete ~~and~~ may be used in all areas of official establishments operating under the Meat, Poultry, Shell Egg Grading and Egg Programs ~~under~~ Directions For Use..

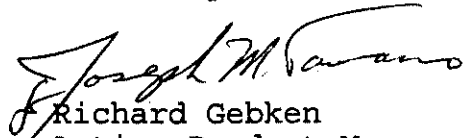
3. Submit two (2) copies of the revised final printed label for the record.

A copy of the Acute Toxicity review of the cocktail formulation is enclosed for your records.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Richard Gebken
Acting Product Manager 10
Insecticide Branch
Registration Division (7505C)



October 2003
(USA)

EcoPCO® EC

Emulsifiable Concentrate: Contact Insecticide

(LOGO)™

- Provides rapid knockdown and kill of insects
- May be tank- mixed with residual insecticides and IGR's
- May be applied as a wet spray while food plants are in operation
- Not for use on Turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes

Effective in the control of insects listed on this label if the applicator follows the label directions.

ACTIVE INGREDIENTS:

2-Phenethyl Propionate	10.0%
Piperonyl Butoxide, Technical	40.0%

OTHER INGREDIENTS:

50.0%
100%

EPA Reg. No. 67425-EN
EPA Est. No. xxxxxxxx

CAUTION
KEEP OUT OF THE REACH OF CHILDREN
See Back panel for Statement of Practical Treatment.

Net Contents: One Gallon

ACCEPTED
with COMMENTS
In EPA Letter Decision
FEB 2 2004
Under the Federal Insecticide, Fungicide, and Herbicide Act, as amended, for the purpose of registration under EPA Reg. No. 67425-20

FIRST AID

If Swallowed - Call a Poison Control Center or Doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the Poison Control Center or Doctor. Do not give anything by mouth to an unconscious person.

If In Eyes - 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 Poison Control Center or Doctor for treatment advice.

If Inhaled - Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a Poison Control Center or Doctor for further treatment advice.

If on skin or clothing - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or Doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a Poison Control Center or Doctor or going for treatment. You may also contact 1-800-INFOTRAC for emergency medical treatment information.

PRECAUTIONARY STATEMENTS Hazards To Humans & Domestic Animals

CAUTION

Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid breathing spray mist. Avoid contact with eyes or clothing. Wear protective clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not use in food areas of food-handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms but excluding areas where foods may be prepared or held. In the home, remove or cover all food processing surfaces and utensils during treatment or thoroughly wash before use. Remove or cover exposed food prior to treatment.

NON-FOOD/FEED AREAS include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

EcoPCO® EC is a highly versatile synergized insecticide concentrate for indoor or outdoor application as a surface, space, area or contact spray. EcoPCO® EC may be applied through mechanical, aerosol or ULV generators as well as thermal fogging equipment and conventional fogging or spraying equipment. EcoPCO® EC may be applied as a general surface, space, spot or crack and crevice treatment in both the non-food/non-feed areas of food/feed handling establishments and may be used in all areas of official establishments operating under the Meat, Poultry, Shell Egg Grading and Egg Programs.

EcoPCO® EC is intended for use in and around buildings and structures as well as modes of transport. **INDOOR USE AREAS:** Apartment buildings, bakeries, beverage plants, bottling facilities, breweries, cafeterias, candy plants, canneries, cereal processing and manufacturing plants, dairies and dairy product processing plants, flour mills, food processing plants, frozen food plants, grain elevators, grain mills, granaries, homes, hospitals, hotels, houses, industrial buildings, kennels, kitchens, laboratories, manufacturing facilities, mausoleums, meat processing and packaging plants, meat and vegetable canneries, motels, nursing homes, office buildings, restaurants, schools, spice plants, stores, supermarkets,

warehouses, wineries and similar structures.

OUTDOOR AREAS: Drive-in restaurants, drive-in theaters, golf courses, parks, playgrounds, recreational areas, urban areas and zoos.

MODES OF TRANSPORT: Aircraft (do not use in occupied aircraft cabins), buses, trucks, trailers, rail cars and marine vessels.

Do not apply this product in such a manner as to directly or through drift expose workers and other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried.

EcoPCO® EC may be diluted with water or oil and applied with conventional application equipment including, but not limited to, compressed air sprayers, power sprayers, mechanical aerosol generators (ULV or cold foggers) and thermal foggers (oil dilutions only.) When diluting with water, prepare only the amount needed for immediate use and agitate during use. Holding a water dilution for more than 24 hours is not recommended. For oil dilutions that are applied in food handling establishments, a deodorized petroleum oil which conforms with CFR 21 (especially section 172.884) is required (such as Exxon Isopar M, Ashland Low Odor Base Solvent or the equivalents).

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.

INDOORS USE AS A CONTACT AND SURFACE SPRAY

GENERAL PEST CONTROL: To control accessible, exposed stages of crawling insects including, but not limited to, *Ants, Cockroaches, Cadelles, Cigarette Beetles, Dark Mealworms, Dried Fruit Beetles, Drugstore Beetles, Confused Floor Beetles, Grain Mites, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Spider Beetles, Yellow Mealworms* in sites that include, but are not limited to, apartments, homes, restaurants, food processing plants, industrial installations and warehouses, dilute at the rate of up to 8.5 fluid ounces of EcoPCO® EC per gallon of water and apply at the rate of 1 gallon to 750 square feet. Thoroughly spray the surfaces where these insects are usually found including walls, baseboards, moldings, doors, cabinets, shelves, sinks and pipes with special attention to cracks and crevices, niches, dark corners, drains and other harborage sites.

IN USDA INSPECTED FACILITIES: To control accessible, exposed stages of crawling insects including, but not limited to, *Ants, Cockroaches, Cadelles, Cigarette Beetles, Confused Flour Beetles, Dark Mealworms, Dried Fruit Beetles, Drugstore Beetles, Grain Mites, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Spider Beetles, Yellow Mealworms*, dilute 4.25 fluid ounces of EcoPCO® EC per gallon of water and apply at the rate of 1 gallon to 750 square feet. Thoroughly spray the surfaces where these insects are usually found including walls, baseboards, moldings, doors, cabinets, shelves, sinks and pipes with special attention to cracks and crevices, niches, dark corners, drains and other harborage sites.

IN COMBINATION WITH RESIDUAL INSECTICIDES (including, but not limited to, Baygon, Commodore, Conquer, Cynoff, Demon, Diazinon, Dursban, Empire, Ficam, Pyrid, Saga, Safrotin, and Tempo)

To provide flushing and quick knockdown of insects: EcoPCO® EC may be tank-mixed with other insecticides at the rate of ¼ to ½ ounce (equivalent to ½ to 1 tablespoon or 7.4 to 14.8 ml) per gallon of finished spray.

Prior to tank mixing, a small jar compatibility test should be conducted using the proper proportions of chemicals and water to ensure the physical compatibility of the mixture. When tank-mixing EcoPCO® EC with wettable powder formulations, first add the wettable powder to the diluent and agitate to thoroughly suspend it in solution and then add the desired amount of EcoPCO® EC to the diluted wettable powder. Tank-mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. This product cannot be tank-mixed with any product with label prohibitions against such mixing.

Baygon¹, Commodore², Conquer³, Cynoff⁴, Demon², Dursban⁵, Empire⁵, Ficam⁶, Pyrid³, Saga⁵, Safrotin⁷, and Tempo¹ are Registered Trademarks of Bayer Corp¹, Zeneca², Paragon Professional Pest Control Products³, FMC Corp.⁴, DowElanco⁵, AgrEvo USA Company⁶, and Zoecon Corp./Sandoz⁷.

FLEA AND TICK CONTROL IN BUILDINGS: Dilute 4.25 to 8.5 fluid ounces of EcoPCO® EC per gallon of water and apply the spray thoroughly to infested areas such as pet beds and resting quarters, nearby cracks and crevices, rugs and floor coverings (including under their edges) between and under the cushions of upholstered furniture and other areas where these pests may be present. Entire rugs and furniture should be treated at the rate of 1 gallon of dilute spray per 750 square feet of surface. In combination with conventional residual insecticides: To provide quick knockdown of adult fleas, tank-mix 1.0 to 2.0 fluid ounce of EcoPCO® EC with the appropriate amount of companion insecticide per finished gallon and apply per the Directions for Use on the companion insecticide label.

Prior to tank mixing, a small jar compatibility test should be conducted using the proper proportions of chemicals and water to ensure the physical compatibility of the mixture. Tank-mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. This product cannot be mixed with any product with label prohibitions against such mixing.

In combination with Insect Growth Regulators: To provide quick knockdown of adult fleas, tank-mix 4.25 to 8.5 fluid ounces of EcoPCO® EC with the appropriate amount of companion insecticide per finished gallon and apply per the Directions for Use on the companion insecticide label.

Prior to tank mixing, a small jar compatibility test should be conducted using the proper proportions of chemicals and water to ensure the physical compatibility of the mixture. Tank-mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. This product cannot be mixed with any product with label prohibitions against such mixing.

Pet bedding should be removed and replaced with fresh bedding after treatment of pet areas. The pets should also be treated with an EPA registered product before they are allowed to enter the treated area.

PANTRY PEST CONTROL: To control exposed adult and immature stages of Stored Product Insects including, but not limited to, Almond Moths, Angoamois Grain Moths, Cadelles, Cigarette Beetles, Confused Flour Beetles, Drugstore Beetles, Flat Grain Beetles, Granary Weevils, Indianmeal Moths, Lesser Grain Borers, Maize Weevils, Mediterranean Flour Moths, Merchant Grain Beetles, Red Flour Beetles, Rice Weevils, Rusty Grain Beetles, Saw-toothed Grain Beetles and Squarenecked Grain Beetles, dilute 2.125 to 4.25 fluid ounces of EcoPCO® EC per gallon of water and apply to cupboards, shelves and storage areas. Remove all utensils, unprotected foodstuffs (or any with original packaging that has been opened), shelf paper and other objects before treatment. Allow treated surfaces to dry and then cover shelves with clean paper before replacing any utensils, foodstuffs or other items. Discard any foodstuff that was accidentally contaminated with the spray solution.

PREMISE PEST CONTROL: Termite swarmers: To control swarming termites, dilute 4.25 to 8.5 fluid ounces of EcoPCO® EC per gallon of water and apply as a surface spray at the rate of 1 gallon per 750 square feet. Apply as a crack and crevice treatment to the locations from which the termites are emerging.

CARPET BEETLES: To control *Carpet Beetles* (black, furniture and varied), dilute 8.5 fluid ounces of EcoPCO® EC per gallon of water and apply to the entire carpet at the rate of 1 gallon per 750 square feet. Make localized applications under the edge of carpets, floor coverings and furniture as well as along baseboards, in closets and to infested areas of shelving.

BED BUGS: To control *Bedbugs*, dilute 4.25 fluid ounces of EcoPCO® EC per gallon of water and apply thoroughly to the top, ends, sides and bottoms of mattresses paying special attention to tufts, seams and folds. Treat bedsprings and frames, including all cracks and joints. Apply as a crack and crevice treatment to all baseboards, moldings, flooring, closets, shelves, furniture and picture frames that may provide harborage to bedbugs.

WEBBING CLOTHES MOTHS: To control *Clothes Moths*, remove infested articles from storage, brush them thoroughly and air-dry them in sunlight for several hours. Dilute 4.25 fluid ounces of EcoPCO® EC per gallon of water and apply as a crack and crevice treatment to empty chests, bureaus and storage sites. After airing, infested articles may be lightly treated with the spray solution (keep the nozzle at least three feet from the fabric to avoid staining).

FOR INDOOR APPLICATIONS: Remove pets (including birds) from the area being treated and cover fish aquaria before spraying.

INDOOR USE: To control crawling and flying insects in sites that include, but are not limited to industrial

installations and warehouses, EcoPCO® EC may be diluted with water and applied as a space spray. For best results, close doors and windows before spraying and keep them closed for 30 minutes after treatment. The applicator must vacate the area after treatment and ventilate before reoccupying. Where oil residues are not undesirable, EcoPCO® EC can be diluted in deodorized base oil instead of water and applied with mechanical, thermal or ULV applicators.

CRAWLING AND FLYING INSECTS: For control of accessible, exposed stages of CRAWLING INSECTS including, but not limited to, Ants, Cockroaches, Cadelles, Cigarette Beetles, Confused Flour Beetles, Dark Mealworms, Dried Fruit Beetles, Drugstore Beetles, Grain Mites, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Spider Beetles, Yellow Mealworms and FLYING INSECTS including, but not limited to, Angaumois Grain Moths, Cheese Skippers, Fruit Flies, Fungus Gnats, Gnats, House Flies, Indianmeal Moths, Mosquitoes, Mediterranean Flour Moths, Small Flying Moths, Tobacco Moths, dilute 21.33 fluid ounces of EcoPCO® EC per gallon of water or oil and apply at the rate of 1 ounce per 1,000 cubic feet of space. Direct the spray towards the ceiling and upper corners of the area and behind obstructions. Vacate the treated area and keep the area closed for at least 30 minutes after treatment. Ventilate the area before reoccupying. Repeat treatment as necessary.

FLYING INSECTS: For control of accessible, exposed stages of flying insects including, but not limited to, Angoumois Grain Moths, Cheese Skippers, Fruit Flies, Fungus Gnats, Gnats, House Flies, Indianmeal Moths, Mosquitoes, Mediteranean Flout Moths, Small Flying Moths, Tobacco Moths, dilute 5.33 fluid ounces of EcoPCO® EC per gallon of water or oil and apply at the rate of 1 ounce per 1000 cubic feet of space. Direct the spray toward the ceilings and upper corners of the area and behind obstructions. Vacate the treated area and keep the area closed for at least 30 minutes after treatment. Ventilate the area before reoccupying. Repeat treatment as necessary.

VOID AREA TREATMENT: Undiluted ULV treatment: To treat inaccessible voids including, but not limited to, attics, false ceilings, wall and equipment voids, calculate the volume of the void and apply EcoPCO® EC through ULV equipment adjusted for crack and crevice application at the rate of 0.66 fluid ounces per 1,000 cubic feet of space.

OUTDOORS USE

PERIMETER TREATMENTS: To control Ants, Bees, Centipedes, Cockroaches, Crickets, Firebrats, Fleas, Ground Beetles, Millipedes, Pilibugs, Silverfish, Sowbugs, Spiders, Ticks and Wasps, dilute 4.25 to 8.5 fluid ounces of EcoPCO® EC per gallon of water and apply at the rate of 1 gallon per 750 square feet 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 at the rate of 1 gallon per 750 square feet.

TICK CONTROL: To control *Brown Dog Ticks* around residential areas, rural fields, woods, lots, roadsides, pathways and coastal vegetation areas, dilute 8.5 fluid ounces of EcoPCO® EC per gallon of water and apply with a mist blower (or other similar equipment) calibrated to deliver 3 gallons per acre. Apply during the peak of infestation and repeat as necessary to maintain control. Thorough applications should be made to the vegetation upon which the ticks rest.

FLEA CONTROL: To control fleas around residential areas, dog houses, kennels, paths, patios and under plants, shrubs, trees or other shaded, moist areas where pets may rest, dilute 8.5 fluid ounces of EcoPCO® EC per gallon of water and apply at the rate of 1 gallon per 750 square feet.

In combination with other insecticides: To provide quick knockdown of insects when used with a residual insecticide, tank-mix 2.0 to 4.5 fluid ounces of EcoPCO® EC with the proper amount of companion insecticide and apply per the Directions for Use on the companion insecticide label.

Prior to tank mixing, a small jar compatibility test should be conducted using the proper proportions of chemicals and water to ensure the physical compatibility of the mixture. Tank-mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. This product cannot be mixed with any product with label prohibitions against such mixing.

USE ON TURF AND GRASS: Used alone as a contact spray: To control Ants, Armyworms, Billbugs, Chinch Bugs, Chiggers, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Hyperodes Weevils (adults), Japanese Beetles (adults), Mole Crickets, Sod Webworms and Ticks, dilute and apply per the instructions in the following table:

Treatment Area (Sq. Feet)	Fluid Ounces of EcoPCO® EC	Suggested Volume of Water ¹ (Gal.)
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1000	0.5 to 1.0	2.5 to 5.0
5000	2.5 to 5.0	12.5 to 25.0
20000	10.0 to 20.0	50.0 to 100.0
43560 ^b	24.0 to 48.0	110.0 to 220.0

^a Dilute with enough water to obtain thorough coverage

^b 43560 square feet = 1 acre

In combination with other insecticides: To provide quick knockdown of insects when used with a residual insecticide, tank-mix EcoPCO® EC at the rate listed above with the proper amount of companion insecticide and apply per the Directions for Use on the companion insecticide label.

Prior to tank mixing, a small jar compatibility test should be conducted using the proper proportions of chemicals and water to ensure the physical compatibility of the mixture. Tank-mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. This product cannot be mixed with any product with label prohibitions against such mixing.

As a turf pest diagnostic aid: To detect turf insects prior to making an insecticide application or to evaluate control from previous treatments, dilute 1.0 fluid ounces of EcoPCO® EC per gallon of water and apply evenly with a sprinkling can over one square yard of turf. Record the species and number of insects present ten minutes after application. Sample 3 to 5 sites per 5000 square feet. Note: This procedure does not bring white grubs or bilibug grubs to the surface. Use other methods to sample for these pests.

ON ORNAMENTALS: May be used on Ornamentals (outdoors or in greenhouses) up to and including day of harvest. Especially desirable as a clean-up or pre-harvest spray where other materials may not be used due to residual restrictions. When applied according to accepted use cautions and directions this concentrate may be used in combination with other insecticides where resistant insects are a problem, or as an "exciter", to flush insects out of hiding and into contact with spray residues.

On the following ornamentals to control named insects, use 0.04 to 1.2 ounces in 10 gallons of water to allow thorough coverage. Coverage of upper and lower leaf surfaces is essential for good control.

Ornamentals: (African violets, Asters, Azaleas, Begonias, Camellias, Carnations, Chrysanthemums, Dahlias, Dogwood, Geraniums, Gladioli, Marigolds, Roses, Rubber Plants, Wandering Jew, Etc.): Aphids, Flea Beetles, Leafhoppers, and White Flies.

STORAGE AND DISPOSAL

FOR CONTAINERS ONE GALLON AND LARGER: Do not contaminate water, food, or feed by storage or disposal.

Pesticide storage and Spill Procedures: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

Container Disposal: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

FOR CONTAINERS SMALLER THAN ONE GALLON:

Storage: Store in original container in a dry cool place inaccessible to children and pets.

Disposal: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

Question or Comments: Call 1-888-326-7233 weekdays, 9:00 a.m. to 5:00 p.m. CST.

Chemical Safety Information: Call 1-800-535-5053 anytime (InfoTrac Chemical Response System)

Limitation of Liability: EcoSMART Technologies, Inc. makes no warranties of merchantability, or of fitness for a particular purpose, nor any other expressed or implied warranty except as stated above.

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