


100-1004

8-20-2002

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	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number NOTIFICATION
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Application for Pesticide - Section I

1. Company/Product Number 100-1004	2. EPA Product Manager George LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Demon® EC Insecticide	PM# team 13	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	AUG 20 2002
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

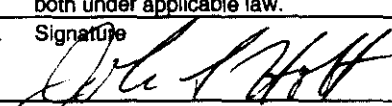
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Submission of labeling for Demon EC (EPA Reg.No. 100-1004) with the addition of a California restriction (by footnote in the "Recommended Application Rates" table) for Chiggers and Elm Leaf Beetles. In addition, we are correcting a typo in the "General Information" section to read "noncabin" instead of "noncargoo".

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
*Certification must be submitted		If "Yes" No. per Unit Packaging wgt. Container	If "Yes" No. per Unit Packaging wgt. container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name John L. Hott, Ph.D.	Title Regulatory Product Manager	Telephone No. (Include Area Code) 386-632-7567	
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Product Manager		
4. Typed Name John L. Hott, Ph.D.	5. Date August 13, 2002		

NOTIFICATION

AUG 20 2002

Demon® EC

Insecticide

A crack and crevice and/or spot application for residual and contact control of ants, carpenter ants, cockroaches, crickets, spiders and certain other insect pests.

For Use by Individuals/Firms Licensed or Registered by the State to Apply Pesticide Products. States May Have More Restrictive Requirements Regarding Qualifications of Persons Using This Product. Consult the Pest Control Regulatory Agency of Your State Prior to Use of This Product.

Active Ingredient:

Cypermethrin ¹ : (±)α-cyano-(3-phenoxyphenyl)methyl(±)- <i>cis,trans</i> -3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate*	25.3%
Other Ingredients ²	74.7%
Total:	100.0%

* *Cis/trans* ratio: 45/55 ± 10

¹Synthetic pyrethroid

²Contains petroleum distillates

Demon® EC Insecticide contains 2 lbs. active ingredient per gal.

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

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.)

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1004

EPA Est.

SCP 1004A-M

1 pint

U. S. Standard Measure

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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 poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Do not give any liquid to the person.• 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 inhaled	<ul style="list-style-type: none">• 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.
NOTE TO PHYSICIAN	
Contains petroleum distillate – vomiting may cause aspiration pneumonia	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER	
For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372	

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING

May be fatal if swallowed. Causes skin irritation. Harmful if absorbed through skin or inhaled. Causes moderate eye irritation. May cause allergic skin reactions. Do not get on skin or clothing. Avoid contact with eyes. Avoid breathing vapor or spray mist. Wear protective clothing and impermeable gloves when spraying, handling or mixing concentrate. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

Environmental Hazards

This product is extremely toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash water. Apply this product only as specified on this label. Care should be used when making applications to avoid household pets, particularly fish and reptile pets.

For Treatment of Preconstruction Lumber and Logs: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

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CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials, or other influencing factors in the use of the product, which are beyond the control of Syngenta Crop Protection, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Syngenta and Seller harmless for any claims relating to such factors.

Syngenta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Syngenta, and Buyer and User assume the risk of any such use. **SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

In no event shall Syngenta or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Syngenta and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Syngenta.

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DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Prohibitions

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

Storage

Keep container closed when not in use. Do not store near food or feed. Protect from freezing. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Disposal

Completely empty bottle into application equipment. Triple rinse (or equivalent). Then puncture and offer for recycling or dispose of empty bottle in a sanitary landfill, or, by other procedures allowed by state and local authorities.

GENERAL INFORMATION

For residual pest control in and on buildings and structures and their immediate surroundings and on modes of transport. Permitted areas of use include but are not limited to industrial buildings, houses, apartment buildings, laboratories, buses, greenhouses and the nonfood/feed areas of stores, warehouses, vessels, (ships, boats) railcars, trucks, trailers, aircraft (cargo and noncabin areas only), schools, nursing homes, hospitals (non-patient areas), restaurants, hotels, and food manufacturing, processing and servicing establishments.

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Do not use in commercial greenhouses or nurseries. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. Do not use on food or feed crops.

Demon EC Insecticide is intended for dilution with water for spray application.

Fill sprayer with the desired volume of water and add Demon EC Insecticide. Close and shake before use in order to insure proper mixing. Shake or re-agitate sprayer before use if spraying is interrupted. Make up only as required; repeat treatments when needed.

CAUTION ON APPLICATION TO VINYL SIDING

EACH YEAR PRIOR TO AN APPLICATION TO VINYL SIDING, TREAT A SMALL AREA ON ALL SIDES OF THE STRUCTURE WHERE WEATHERING IS MOST SEVERE, AND ALLOW TO DRY. OBSERVE FOR STAINING. SOME TYPES OF VINYL SIDING, PARTICULARLY IF AGED OR WEATHERED, MAY SHOW SOME STAINING AFTER APPLICATION OF AN EMULSIFIABLE CONCENTRATE PRODUCT. TO REDUCE THE POTENTIAL RISK OF STAINING VINYL SIDING, IT IS SUGGESTED THAT AN ALTERNATIVE PRODUCT, SUCH AS DEMAND® CS, BE USED.

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APPLICATION PROCEDURES

Recommended Application Rates:

Pests	Concentration of Active Ingredient	Dilution Rate
Ants Boxelder Bugs Centipedes Chiggers ^{2,3} Cockroaches (Maintenance) Crickets Earwigs Elm Leaf Beetle ³ Firebrats Fleas ² Flies ¹ Millipedes Mosquitoes ² Pillbugs Silverfish Sowbugs	0.1%	½ fl. oz. (1 tbsp.) per 1 gal. water
Bees Cockroaches (Clean-out) Scorpions Spiders Ticks Wasps Wood Infesting Beetles	0.2%	1 fl. oz. (2 tbsp.) per 1 gal. water

¹ Not for indoor use in California for fly control.
² Outdoor use only.
³ Not approved for use in California.

Cockroaches, Spiders, Crickets, Scorpions, Silverfish, Ticks and Firebrats

Apply as a coarse, low pressure spray to areas where these pests hide, such as baseboards, corners, storage areas, closets, around water pipes, doors and windows, attics and eaves, behind and under refrigerators, cabinets, sinks, furnaces, and stoves, the underside of shelves, drawers and similar areas. Pay particular attention to cracks and crevices; also see **Outdoor Surfaces on and Around Buildings.**

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Ants

Apply to any trails, around doors and windows and similar areas where ants (including carpenter ants) may be found. Refer to barrier treatment directions to prevent infestation; also see **Outdoor Surfaces on and Around Buildings**.

Wasps and Bees

Application to nests should be made late in evening when insects are at rest. Thoroughly spray nest and entrance and surrounding areas where insects alight; also see **Outdoor Surfaces on and Around Buildings**.

Boxelder Bugs, Sowbugs, Pillbugs, Millipedes, Elm Leaf Beetle and Centipedes

Apply around doors and windows and similar areas where these pests may be found or where they may enter premises. Spray baseboards, storage areas and other locations. Refer to barrier treatment directions to prevent infestation; also see **Outdoor Surfaces on and Around Buildings**.

Flies

Apply directly to walls, ceilings, window screens, and other fly resting areas as a residual surface treatment. May be used inside residential buildings as well as in and around carports, garages, and storage sheds; also see **Outdoor Surfaces on and Around Buildings**.

Scorpions

Treat and remove accumulations of lumber, firewood, and other materials which serve as harborage sites. Apply as a coarse spray thoroughly but not to the point of drip; also see **Outdoor Surfaces on and Around Buildings**.

Control of Wood Infesting Beetles

To control wood infesting insects such as powderpost beetle (Lyctidae), false powderpost beetles (*Bostrichidae*), deathwatch beetles (*Anobiidae*), old house borers (*Cerambycidae*) and ambrosia beetles (*Scolytidae*) in homes and other structures, apply as an emulsion containing 0.2% Demon EC Insecticide. For treatment of small areas, apply by brushing the emulsion evenly on wood surfaces. For large or overhead areas, apply as a coarse spray to the point of runoff. When spraying overhead interior areas of homes, apartment buildings, etc. spray to the point of runoff, cover all surfaces below the area being sprayed with plastic sheeting or other material which could be disposed of by placing in trash if contamination from dripping occurs. Sprayed surfaces should

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be avoided until spray has totally dried. Do not use in structures occupied by animals to be used for food purposes or which produce products for human consumption.

Food Handling Establishments

(Places other than private residences in which food is held, processed, prepared or served)

Nonfood Areas

Demon EC Insecticide may be used as a general, spot or crack and crevice treatment in nonfood areas. Similar areas where insects hide or through which insects may enter should be treated.

Examples of nonfood 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).

Food Areas

Demon EC Insecticide is not labeled for use in food areas. 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 all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.

Examples of food areas are areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation) also would be considered a food area.

Outdoor Surfaces on and Around Buildings

Apply Demon EC Insecticide using a 0.1% emulsion as a residual treatment to outside surfaces of buildings including, but not limited to, exterior siding, foundations, porches, window frames, eaves, patios, garages and other similar areas. Also may be used on lawns and ornamentals in landscaped areas around private homes, duplexes, townhouses, condominiums, house trailers, apartment complexes, carports, garages, fence lines, storage sheds, barns, and other residential structures and commercial, industrial, institutional and public buildings. Treatment may also be made to soil, trunks of woody ornamentals and other similar areas where pests congregate or are active. Repeat treatment as necessary to maintain effectiveness.

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Let treated surfaces/areas dry before allowing humans and pets to contact treated surfaces/areas.

Each year prior to an application to vinyl siding, treat a small area on all sides of the structure where weathering is most severe, and allow to dry. Observe for staining. Some types of vinyl siding, particularly if aged or weathered, may show some staining after application of an emulsifiable concentrate product. To reduce the potential risk of staining vinyl siding, it is suggested that an alternative product such as Demand® CS be used.

Barrier Treatment (except cockroaches)

Apply 0.1% solution to a band of soil and vegetation 6 - 10 ft. wide around and adjacent to the structure. Also, treat the foundation of the structure to a height of 2 - 3 ft. Use a treatment volume of 2 - 10 gal. per 1,000 sq. ft. Higher volumes of water may be needed if mulch or leaf litter is present or dense foliage. House siding may be treated if boxelder bugs, elm leaf beetles, earwigs or silverfish or other similar pests are present.

Treatment of Preconstruction Lumber and Logs

To protect unseasoned lumber and logs from wood destroying insects, such as Termites, Carpenter Ants and Beetles (Ambrosia, Powder-post, Old house borers and others), totally treat wood with a 0.25% - 0.5% solution of Demon EC Insecticide. This solution can be applied by various methods including spraying, brushing, dipping, and pressure treatment. Frequent monitoring of dip and pressure systems are necessary to insure that the desired level of Demon EC Insecticide is maintained. Wood can be handled after treatment when dry.

1. For dip treatments, the wood should be totally submersed in the solution until thoroughly wet and then allowed to dry in a suitable location. Dipping solutions to which Demon EC Insecticide has been added should be agitated before use if left unused for long periods of time. Sediment, debris and other deposits should be periodically cleaned from the tank.
2. For pressure treatments, the wood should be placed in the treatment chamber, the Demon EC Insecticide solution added and the system pressurized up to 250 psi for up to one hour depending on the density and type of wood treated. After the pressure is released and the system drained, the wood should be placed in a suitable location for drying.
3. For spray treatments, the wood should be sprayed thoroughly including back and ends.
4. For brush treatments, all parts of wood surfaces should be thoroughly treated.

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GENERAL RESTRICTIONS AND PRECAUTIONS

Do not use water base sprays of Demon EC Insecticide in conduits, motor housings, junction boxes, switch boxes, or other live electrical equipment because of possible shock hazard. Let surfaces dry before allowing children and pets to contact surfaces. Protect aquariums from spray mist. For best results, thoroughly wash out sprayer and screen with water and detergent before using Demon EC Insecticide.

DO NOT APPLY THIS PRODUCT TO EDIBLE CROPS.

During any application to overhead interior areas of structure, cover surface below with plastic shielding or similar material.

Do not use as a space spray.

Use only in well ventilated areas.

Do not apply this product in any room being used as living, eating, sleeping or recovery area by patients, the elderly, or infirm when they are in the room.

Do not apply to classrooms when in use.

Do not apply to institutions (including libraries, sports facilities, etc.) in the immediate area when occupants are present.

Do not use in warehouses where raw or cured tobacco is stored.

Do not use in warehouses while raw agricultural commodities for food or feed are being stored.

Do not apply to aircraft cabins.

Demand® CS, Demon® EC and the Syngenta logo are trademarks of a Syngenta Group Company.

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For non-emergency (e.g., current product information) call
Syngenta Crop Protection at 1-800-334-9481

Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

SCP 1004A-M

Z:LABELD-W/DEMEC1004A-M – lg – 7/15/02

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Chron

2/27/02 – Revised First Aid – PR Notice 2001-1, revised statement limiting use to commercial applicators per PR Notice 96-7; add Spanish signal word and warning statement; revised disposal language; made technical word changes per professional products technical specialist; syngenta format; revised Environmental Hazards.

7/15/02 – Corrected typo in General Informatoin section to read “noncabin” instead of “noncargo”; added footnote “Not for use in California” to Chiggers and Elm Leaf Beetles.

15/15



August 13, 2002

Document Processing Desk (NOTIF)
Office of Pesticide Programs (H7504C)
U.S. Environmental Protection Agency
Room 266A, Crystal Mall
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

SUBJECT: DEMON® EC INSECTICIDE
EPA REG. NO. 100-1004
NOTIFICATION OF ADDITION OF CALIFORNIA RESTRICTION FOR CERTAIN PEST

Dear Ms. Hobgood,

Syngenta Crop Protection Inc., is submitting 2 copies of labeling for Demon EC (EPA Reg.No. 100-1004) with the addition of a California restriction (by footnote in the "Recommended Application Rates" table) for Chiggers and Elm Leaf Beetles. In addition, we are correcting a typo in the "General Information" section to read "noncabin" instead of "noncargo".

The label code is SCP 1004A-M (dated 7/15/02 on last page of the label).

If you have any questions please contact me at (336) 632-7096.

Sincerely,

John L. Hott, Ph.D.
Regulatory Product Manager
Regulatory Affairs

Enclosures: 2 copies of labeling (1 highlighted with changes)

