

100-1004

07/19/2012

4/16

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D C 20460 0001



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Tom Parshley
Syngenta Crop Protection, Inc
P O Box 18300
Greensboro, NC 27419

JUL 19 2012

Subject Amended Reregistration Label
Product Name Demon EC Insecticide
EPA Registration Number 100-1004
EPA Decision Numbers 397726

Dear Mr Parshley

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the referenced product in connection with the **CYPERMETHRIN RED**, and has concluded that your submission is acceptable

NOTE This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time

Please be reminded that 40 CFR Part 156 140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10

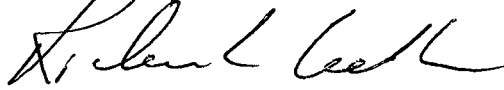
Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below Any previously dated CSFs are superseded

- Basic CSF, dated October 25, 2007

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e)

If you have any questions about this letter, please contact Samantha Hulkower at 703-603-0683 or hulkower_samantha@epa.gov

Sincerely Yours,



Richard J Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

Enclosures

*Label stamped Accepted
Acute Toxicity Review, dated June 14, 2012
Product Chemistry Review, dated October 28, 2010*

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OFFICE OF
CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mr Thomas Parshley
Syngenta Crop Protection, Inc
PO Box 18300
Greensboro, NC 27419

Subject Demon ^{EC} Insecticide, EPA Reg No 100 1004
Date of Registrant Submission February 28, 2012
Decision 461874

JUL 19 2012

Dear Mr Parshley

The labeling referred to above, submitted in connection with registration under the Federal insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable

Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment A stamped copy of the label is enclosed for your records If you have any questions, you may contact Samantha Hulkower at (703) 603-0683 or Hulkower Samantha@epa.gov

Sincerely,

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

Enclosure Copy of Label Stamped "Accepted"

4/16

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

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

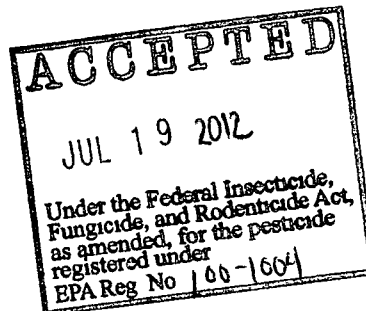
EPA Reg No 100-1004

EPA Est

SCP 1004-M(draft-rereg-b)

1 pint

Net Contents



FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor • Do not induce vomiting unless told to do so by the poison control center or doctor • Do not give any liquid to the person • Do not give anything by mouth to an unconscious person
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 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
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
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	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals**WARNING/AVISO**

May be fatal if swallowed Harmful if absorbed through skin Harmful if inhaled Avoid contact with eyes skin or clothing Causes moderate eye irritation Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet Wear long-sleeved shirt and long pants socks shoes, and gloves Remove and wash contaminated clothing before reuse Avoid breathing spray mist Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals

Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear the following

- Coveralls worn over short-sleeved shirt and short pants,
- Socks and chemical-resistant footwear
- Chemical-resistant gloves made of barrier laminate, butyl rubber nitrile rubber or Viton® and
- A chemical-resistant apron when mixing, loading or cleaning equipment

Follow manufacturer s instructions for cleaning/maintaining PPE If no such instructions for washables exist, use detergent and hot water Keep and wash PPE separately from other laundry

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate Do not reuse them

User Safety Recommendations

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
- Users should remove clothing/PPE immediately if pesticide gets inside Then wash thoroughly and put on clean clothing
- Users should remove PPE immediately after handling this product As soon as possible, wash thoroughly and change into clean clothing

Environmental Hazards

This product is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run-off to water bodies or drainage systems.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

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.

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 must 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, LLC or Seller. To the extent permitted by applicable law, 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. To the extent permitted by applicable law, (1) this warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, 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.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact any person or pet either directly or through drift Keep people and pets out of the area during application Exit area immediately and remain outside the treated area until sprays have dried

GENERAL RESTRICTIONS AND PRECAUTIONS

For best results, thoroughly wash out sprayer and screen with water and detergent before using Demon EC Insecticide

INDOOR USE RESTRICTIONS

Do not use water-based sprays in or on conduits, motor housings junction boxes switch boxes or other live electrical equipment because of possible shock hazard

During indoor surface application, do not allow dripping or run-off to occur
During any application to overhead interior areas of structure, cover surface below with plastic shielding or similar material

Do not apply this product in any room being used as a living, eating 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 areas of institutions (including libraries, sports facilities etc) when occupants are present in the immediate treatment area

Do not use as a space spray Use only in well-ventilated areas

Do not use concentrate or emulsion in fogging equipment

Do not use in food areas of food-handling establishments, which includes areas for receiving, serving, storage (dry cold, frozen, raw), packaging (canning, bottling, wrapping, boxing) preparing (cleaning slicing cooking, grinding) edible waste storage, and enclosed processing systems (mills dairies, edible oils, syrups)

Do not use in warehouses while raw agricultural commodities for food or feed and/or raw or cured tobacco are being stored Do not use in greenhouses where crops for food or feed are grown

Do not apply to pets Remove birds and other pets before application Cover any water inhabited by fish (such as aquariums and ornamental fish ponds) during treatment, and turn aquarium systems off

OUTDOOR USE RESTRICTIONS

All outdoor applications must be limited to spot or crack-and-crevice treatments only except for the following permitted uses

- Treatment to soil or vegetation around structures
- Applications to lawns turf, and other vegetation
- Applications to building foundations up to a maximum height of 3 feet

Other than applications to building foundations all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches, and structural surfaces (such as windows, doors, and eaves) are limited to spot treatments or crack-and-crevice applications only

Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur except as directed by this label

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 non-cabin areas only), schools, nursing homes hospitals (non-patient areas), restaurants, hotels, and food manufacturing processing and servicing establishments

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 ensure 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

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**

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, covering 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 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

Do not use in food areas of food-handling establishments, which include areas for receiving, serving, storage (dry, cold, frozen, raw), packaging (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups).

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. The maximum application rate on lawns and other turfgrass is 0.44 lb a.i./A (0.0101 lb a.i./1,000 ft²). 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.

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 ensure 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

Applications around Swimming Pools

Do not apply directly to swimming pools or swimming pool systems

This product may be applied as a broadcast treatment to lawns and other vegetated areas around swimming pools or as a spot treatment or crack-and-crevice treatment to impermeable surfaces (such as tiled walkways) around pools

Application in and on Boats and Ships

Do not apply to boat surfaces which contact water Broadcast applications to exterior surfaces of boats are prohibited Spot treatments may be made to exterior surfaces that do not contact water

Use inside boats ships and other vessels is permitted Do not allow product to drain or wash off into water bodies or other aquatic habitat

STORAGE AND DISPOSAL

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

Pesticide 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

Open dumping is prohibited 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 Handling

Non-refillable container Do not reuse or refill this container Offer for recycling if available Triple rinse container (or equivalent) promptly after emptying Triple rinse as follows Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip Fill the container ¼ full with water and recap Shake for 10 seconds Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal Drain for 10 seconds after the flow begins to drip Repeat this procedure two more times Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities by burning If burned stay out of smoke

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

Manufactured for
Syngenta Crop Protection, LLC
P O box 18300
Greensboro North Carolina 27419-8300

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