

Please read instructions on reverse before completing form.



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**  
2183-3

Application for Pesticide - Section I

1. Company/Product Number <b>100-1109</b>	2. EPA Product Manager George LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>CYPER® EC INSECTICIDE</b>	PM# Team #13	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. Registrations & Regulatory Affairs 410 Swing Road PO Box 18300 Greensboro NC 27409-8300  <input checked="" 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 _____	<b>NOTIFICATION</b> JUN 6 - 2001
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<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. The following changes are being made via this notification: 1) Company name and address have been updated to reflect Syngenta Crop Protection, Inc., 2) EPA Reg. No. changed to new Company number, 3) The copyright date reflects Syngenta., 4) Trademark statements have been updated to reflect Syngenta for those products for which Syngenta holds the trademark. 5) The internet address has been changed to reflect Syngenta. 6) Other places in the label which refer to the company name have been updated.

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" Unit Packaging wgt. No. per Container If "Yes" Unit Packaging wgt. No. per 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 Martina A. Haw		Title Regulatory Assistant II		Telephone No. (Include Area Code) 302 / 476-2372	
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 <i>Martina Haw</i>		3. Title Regulatory Assistant II			
4. Typed Name Martina A. Haw		5. Date May 29, 2001			



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PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

- 1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission. Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., sections I, II, and IV must be completed by the applicant.

Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

- 1. Company/Product Number - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. EPA Product Manager - If known, fill in the name and PM number of the EPA Product Manager.
3. Proposed Classification - Specify the proposed classification of this product.
4. Product Name - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. Name and Address of Applicant - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. Expedited Review - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

- 1. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III - (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with now registration or applicable amendments.

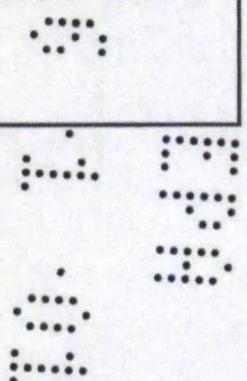
- 1. Type of Packaging - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. Type of Retail Container - Indicate type of container in which product will be marketed.
3. Location of Net Contents - Indicate the location of the net contents information for your product.
4. Size(s) of Retail Container - Specify the net contents of all retail containers for your product.
5. Location of Use Directions - Indicate the location of the use directions for your product.
6. Manner in which label is affixed to product - Indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., now products registration, resubmission, "me-too," reregistration, etc.

- 1-5. Self-explanatory.
6. EPA Use Only

NOTIFICATION

JUN 6 - 2001





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Registrations and Regulatory Affairs  
Syngenta Crop Protection, Inc.  
410 Swing Road  
PO Box 18300  
Greensboro NC 27409-8300  
Telephone: (336) 632-6000  
Fax: (336) 632-2356

**FEDERAL EXPRESS**

May 29, 2001

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (H7504C)  
U.S. Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue NW  
Washington DC 20460

Attn: Ms. Sherada Hobgood (RD)

Dear Ms. Hobgood:

**SUBJECT: CYPER® EC INSECTICIDE**  
**EPA REG. NO. 100-1109**  
**NOTIFICATION OF NAME CHANGE TO SYNGENTA CROP PROTECTION, INC.**

Enclosed is one copy of the subject product label which includes the following changes: [Note: Although a change in company name and address according to PR Notice 98-10 Part IV D. does not require a notification to the Agency as long as the ownership of the registration has been officially changed, Syngenta is submitting this notification to aid in state registration. In addition, the new EPA Reg. No., we believe, constitutes the need for a notification.]

1. Company name and address have been updated to reflect Syngenta Crop Protection, Inc.
2. The EPA Registration Number has been changed from 10182-431 to 100-1109 to reflect the new company number.
3. The copyright date reflects Syngenta.
4. Trademark statements have been updated to reflect Syngenta for those products for which Syngenta holds the trademark.
5. The Internet address has been changed to reflect Syngenta.
6. Other places in the label which refer to the company name have been updated.

To complete this notification, an EPA Form 8570-1 is included as well.

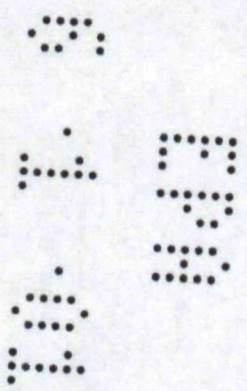
If you have any questions regarding this notification, please feel free to contact me at 302/476-2373.

Sincerely,

Martina A. Haw  
Regulatory Assistant II

Enclosures

cc: George LaRocca, US EPA Insecticide Product Manager, Team 13 (letter only)





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**CYPER EC Insecticide**

For outdoor use as a residual and contact control of termites, carpenter ants, carpenter bees and wood infesting beetles and borers.

Only for Sale to, Use and Storage by Professional Pest Control Operators

**ACTIVE INGREDIENT:**

<b>CYPER:</b> ( $\pm$ ) $\alpha$ -cyano-(3-phenoxyphenyl)methyl( $\pm$ )- <i>cis,trans</i> -3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate*	25.3%
<b>INERT INGREDIENTS</b>	<u>74.7%</u>
<b>TOTAL</b>	100.0%

\**Cis/trans* ratio: 45/55  $\pm$  10

CYPER EC contains approximately 0.25 ounces a.i. per fl. oz.

EPA Reg. No. 100-1109  
EPA Est. No.

Net Contents: 1 fl. oz. (30 mL)

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

Made in U.S.A.

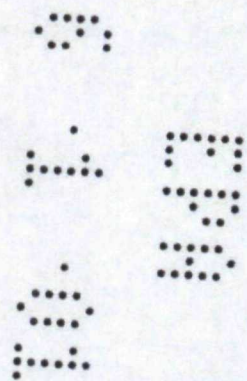
Syngenta Professional Products, Inc.  
Greensboro, North Carolina 27409  
[www.syngenta.us-com](http://www.syngenta.us-com)

SCP 100-xxxx

NET WEIGHT/U.S. Standard Measure

**NOTIFICATION**

JUN 6 - 2001





**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** If victim is alert and not convulsing, rinse mouth out and give 200-300 mL (1 cup) of water to dilute material. **IMMEDIATELY** contact your local Poison Control Center. Vomiting should only be induced under the direction of a physician or a Poison Control Center. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. **IMMEDIATELY** transport victim to an emergency facility.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention if breathing difficulty persists.

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**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).**

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

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**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS****WARNING**

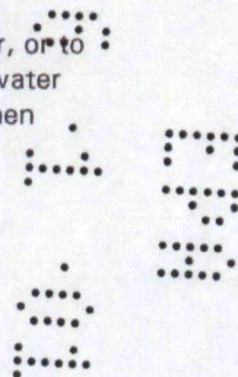
MAY BE FATAL IF SWALLOWED. CAUSES SKIN IRRITATION. HARMFUL IF ABSORBED THROUGH SKIN OR INHALED. CAUSES MODERATE EYE IRRITATION. PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC SKIN REACTIONS IN SOME INDIVIDUALS. Do not get on skin or clothing. Avoid contact with eyes. Avoid breathing vapors 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 contaminate water when cleaning equipment or disposing of equipment washwaters. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.





**CONDITIONS OF SALE  
AND LIMITATION OF WARRANTY AND LIABILITY**

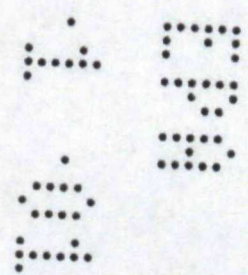
**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product 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 of 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.

For outdoor use as a residual and contact pest control on exterior surfaces of buildings and structures and their immediate surroundings. Permitted areas of use include residential, public, industrial, and commercial buildings such as houses, apartment buildings, laboratories, greenhouses and the nonfood/feed areas of stores, warehouses, hospitals, museums and offices.

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.

CYPER EC Insecticide is intended for dilution with water for application.

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**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. Dispose of absorbent material in trash.

**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:**

Wrap empty container in newspaper and discard in trash.

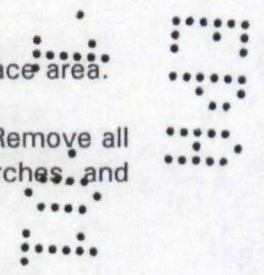
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**MIXING INFORMATION**

CYPER EC Insecticide is designed for ease of use. One bottle of concentrate should be used in one gallon of water. This results in a 0.2% emulsion of cypermethrin. Fill sprayer with one gallon of water. Add one 1 fl. oz. bottle of CYPER EC Insecticide and shake before use to obtain an emulsion. If mixture is allowed to stand, shake before use.

Use this spray at a rate of 1 gallon of diluted spray per 1,000 square feet of surface area.

**IMPORTANT:** Do not apply into exterior electrical fixtures, switches, or sockets. Remove all wood and cellulose containing debris in contact with soil from crawl spaces, porches, and





around foundations. Do not permit humans or pets (particularly fish and reptiles) to contact treated surfaces until the spray has dried.

**TREATMENT OF WOOD DESTROYING PESTS SUCH AS TERMITES, CARPENTER ANTS, CARPENTER BEES AND WOOD INFESTING BEETLES**

CYPER EC may be used for treating insect infesting wood surfaces on the outside of buildings and other structures. The diluted material can be applied to wood using a coarse fan spray or crack and crevice tool. Also, to treat wood trim and exposed wood beams you can apply by brushing only onto the wood surfaces requiring treatment to control wood infesting insect pests.

**CONTROL OF WOOD INFESTING BEETLES:**

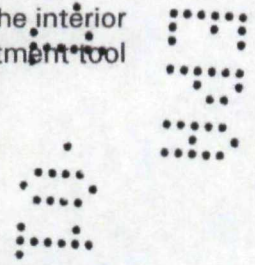
To control wood infesting insects such as powderpost beetle (Lyctidae), false powderpost beetles (*Bostrichidae*), deathwatch beetles (*Anobiidae*), old house borers (*Cerambycidae*) and ambrosia beetles (*Scolytidae*) on exterior surfaces of homes and other structures, apply as an emulsion containing 0.2% CYPER EC. For large or overhead areas, apply as a coarse spray to the point of runoff. Treated 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.

**TERMITES ABOVE GROUND:** For control of termites, subterranean aerial colonies, Formosan aerial colonies or drywood termites in localized areas of infested wood on exterior surfaces, on and around building and other structures, apply a 0.2% emulsion to voids and galleries in damaged wood and in spaces between wooden members of a structure and between wood and foundations where wood is vulnerable. Treatment is intended to kill workers and winged productive forms of termites in the treated areas and to provide temporary protection from infestation. This type of application is not intended to be a substitute for soil treatment for extensive infestation of drywood termites or other wood-infesting insects.

For termites active inside trees, utility poles and/or fence posts, drill to find the interior infested cavity and inject 0.2% emulsion using treatment tool with a splashback guard.

**CARPENTER ANTS:** For control of carpenter ants on exterior surfaces on and around buildings and other structures, apply as a 0.2% emulsion for protection up to 5 weeks, with retreatment semiannually as needed, around doors and windows and other places where carpenter ants enter the premises and where they crawl. Spray into cracks and crevices or through openings or small drilled holes into voids where these ants or their nests are present. Use no more than a sufficient amount of coarse spray to cover the area to the point of runoff. Do not exceed 1 gallon of dilute emulsion per 1000 square feet of treated surface.

For carpenter ants active inside trees, utility poles and/or fence posts, drill to find the interior infested cavity and inject 0.2% emulsion, for protection up to 1 week, using a treatment tool with a splashback guard. Reapply under heavy reinfestation pressure.





**FIREWOOD PROTECTION FROM CARPENTER ANTS:** Prior to laying in firewood, soil beneath the cord(s) may be treated with a 0.2% emulsion at 1 gallon per 10 square feet to prevent carpenter ant infestation.

**CARPENTER BEES:** Use a 0.2% emulsion for control of carpenter bees. Liquid may be sprayed directly into gallery entrance holes. Following treatment, the entrance holes may be left open 24 hours to be certain that returning adult bees are killed. When there is no activity, the hole may be closed with wood putty.

**POSTS, POLES AND OTHER CONSTRUCTIONS**

Application may be made to create a chemical barrier in the soil around wooden construction such as signs and landscape ornamentation by applying a 0.2% emulsion. Treat on all sides to create a continuous barrier around posts and poles.

Use 1 gallon of emulsion per foot of depth for poles and posts less than six inches in diameter. For larger poles, use 1 1/2 gallons of emulsion per foot of depth. For larger constructions, use 4 gallons per 10 linear feet per foot of depth.

For treatments made during installation, the emulsion may be applied to the soil as it is replaced around the pole or post. Previously installed poles and posts may be treated by subsurface injection or treated by gravity-flow through holes made from the bottom of a trench around the pole or post. Treat on all sides to create a continuous chemical barrier. Apply to a depth of six inches below the bottom of the wood.

**NOTE:** Do not use water base sprays of CYPER EC in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard. Let treated areas of surfaces dry before allowing children and pets to contact surfaces. For best results, thoroughly wash out sprayer and screen with water and detergent before using CYPER EC insecticide. Do not use this product with oil.

Do not apply this product to edible crops.

Do not allow applications to contact water inhabited by fish, such as in ornamental fish ponds that are around structures being treated.

Do not use as a space spray.

Use only in well ventilated areas.

