

2393-377

10-29-1999

1/5

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

United States Environmental Protection Agency

Office of Pesticide Programs (H7505C)

Washington, DC 20460

Application for Pesticide:

EPA

- Registration
- Amendment
- Other

OPP Identifier Number

Section I

1. Company/Product Number 2393-377	2. EPA Product Manager PM# 04	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Hopkins Cygon 2 E Systemic Insect		
5. Name and Address of Applicant (Include ZIP Code) Platte Chemical Company 419 18 <sup>th</sup> St. Greeley, CO 80631 <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

Amendment - Explain Below

Resubmission in response to Agency letter dated \_\_\_\_\_

Notification - Explain below

Final printed labels in response to Agency letter dated \_\_\_\_\_

"Me Too" Application

Other - explain below

**NOTIFICATION**  
OCT 29 1999

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

Notification adding pest to label.

Section III

1. Material This Product Will Be Packaged In:

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	2. Type of Container <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 Package Wt.      No. Per Container	If "Yes," Package Wt.      No. Per Container

3. Location of Net Contents Information  
 Label  Container

4. Size(s) of Retail Container

5. Location of Label Directions  
 On Label  
 On Labeling accompanying product

6. Manner In Which Label Is Affixed To Product  
 Lithograph  
 Paper Glued  
 Stenciled  
 Other ( \_\_\_\_\_ )

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Glenda Haage	Title Registration Manager	Telephone No. (Include Area Code) (712) 548-5213
----------------------	-------------------------------	---

Certification  
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.

2. Signature  
*Glenda Haage*

3. Title  
Registration Manager

4. Typed Name  
Glenda Haage

5. Date  
October 13, 1999

6. Date Application Received  
(Stamped)

**NOTIFICATION**

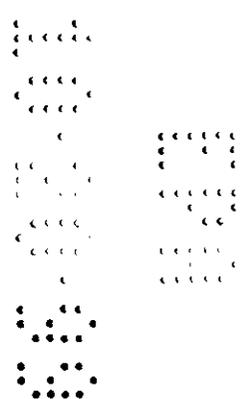
OCT 29 1999

Notification of adding a pest per PR-Notice 98-10.

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 99-10 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.

*Glenda Haage*  
Glenda Haage, Registration Mgr.

*October 13, 1999*  
Date





# Platte Chemical Co.

419 18th Street (80631-5852)

P.O. Box 667

Greeley, CO 80632-0667

Ph. 970-356-4400

Fax 970-356-4418

3/5  
**P**  
c/c

October 13, 1999

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
1921 Jefferson Davis Highway, Crystal Mall 2  
Arlington, VA 22202  
Attn: Sherada Hobgood

Subject: Hopkins Cygon 2E Systemic Insecticide (EPA Reg. No. 2393-377)  
Notification adding another pest to label

Dear Ms. Hobgood:

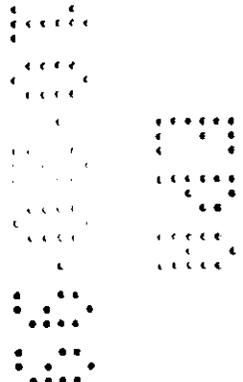
Enclosed please find Platte Chemical's notification adding another pest, Litter (Darkling) beetle to the subject label. The notification is allowed under PR-Notice 98-10. The rate is the same as for "Residual Wall Sprays", which is already on the label. We have just put the new pest (Litter Beetle) in a paragraph by itself. Houseflies has also been changed to just flies.

Please find one (1) copy of revised labeling (highlighted). Also enclosed please find the notification certification statement.

Should you have any questions during your review, please call me at 712-548-5213 or email me at [ghaage@frontiernet.net](mailto:ghaage@frontiernet.net).

Sincerely,

Glenda Haage  
Registration Manager



4/5

# Hopkins®

# CYGON® 2-E

## Systemic Insecticide

**Organophosphate Insecticide**  
**CONTROLS FLIES**  
 For control of Insects and  
 Mites on Ornamental Plants  
 (1 gallon contains 2 pounds of dimethoate)

**ACTIVE INGREDIENTS:**

Dimethoate (0,0-Dimethyl S-[(methylcarbamoyl)methyl] phosphorodithioate) .....	23.4%
<b>INERT INGREDIENTS:*</b> .....	<b>76.6%</b>
<b>TOTAL</b>	<b>100.0%</b>

\* This product contains Xylene-Range Aromatics

**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 this label, find someone to explain it to you in detail.)

See Below for Statement of Practical Treatment and Additional  
 Precautionary Statements

NET CONTENTS \_\_\_\_\_ GAL. ( \_\_\_\_\_ L)  
 EPA REG. NO. 2393-377 EPA EST. NO. 34704-MS-1  
 TM-American Cyanamid Co. IHT 09/99

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

**VAPOR HARMFUL—Harmful or Fatal if Swallowed**  
**Concentrated Material Causes Eye Irritation**  
 Avoid breathing vapor or spray mist. Avoid contact with skin or eyes. Use only with adequate ventilation. Do not contaminate food. Do not use in homes. Rinse spills on outside of container after use. Do not contaminate feed and foodstuffs, drinking fountains, litter and feed troughs. Do not use in milk-processing rooms, including milk houses and milk storage rooms.  
**AERIAL APPLICATION: AUTOMATIC FLAGGING DEVICES SHOULD BE USED WHENEVER FEASIBLE. IF HUMAN FLAGGERS ARE EMPLOYED, THEY MUST WEAR THE PROTECTIVE CLOTHING AND RESPIRATOR SPECIFIED ON THIS LABEL.**  
**Personal Protective Equipment:**  
 Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on the EPA chemical resistance category selection chart.  
**Applicators and other handlers must wear:** coveralls over shortsleeved shirt and short pants, chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton, chemical-resistant footwear plus socks, protective eyewear and chemical-resistant headgear for overhead exposure. For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TG-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). For exposures outdoors, a dust/mist filtering respirator (MSHA/NIOSH approval

number prefix TC-21C). Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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

**Engineering controls statements:**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

**Users should:**  
 Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.  
 Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.  
 Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to wildlife and aquatic invertebrates. For terrestrial uses, 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 by cleaning equipment or disposal of wastes.  
 This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**CHEMICAL HAZARDS**

COMBUSTIBLE. DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

**STATEMENT OF PRACTICAL TREATMENT**

**If Swallowed:** Call a physician or Poison Control Center immediately. Gastric lavage is usually indicated. Do not induce vomiting. Vomiting may cause aspiration pneumonia. Do not induce vomiting or give substances by mouth to an unconscious person.  
**If Inhaled:** Remove victim to fresh air. Assist respiration if indicated.  
**If on Skin:** Promptly wash contaminated skin with soap and water.  
**If in Eyes:** Immediately flush eyes with plenty of water. Get medical attention if irritation persists.  
**NOTE TO PHYSICIANS:** This product may cause cholinesterase inhibition. Atropine is antidotal. **FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-228-5635, EXT. 136, OR CALL COLLECT, 612-851-8180, EXT. 136.**

**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 workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.  
 For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**NOTIFICATION**

OCT 29 1999

8/5

**AGRICULTURAL USE REQUIREMENTS**

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

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls over short-sleeved shirt and short pants, chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton, chemical-resistant footwear plus socks, protective eyewear and chemical-resistant headgear for overhead exposure.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses. Keep children and pets out of the treated area until sprays have dried.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal. Storage: Do not store near heat or open flame. Do not store below 40°F. Mix as needed, do not store diluted material.

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 at the nearest EPA Regional Office for guidance.

Container Disposal: Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning, if burned, stay out of smoke.

**DIRECTIONS**

**OUTDOOR ORNAMENTAL PLANTS**

CYGNON 2-E is generally effective in controlling aphids, thrips, leaf miners, scales, leafhoppers and mites. For proper timing of treatments for the control of specific pests on ornamental plants, consult your State Agricultural Experiment Station or State Agricultural Extension Service.

Make adequate sprays when pests appear or when damage is first observed. Do not overdose or overspray. Do not use on ornamental plants not listed. Do not use on any ornamental stock plants grown as a source of propagation material, such as cuttings, layers, root stocks or scions for grafting or budding. Do not use in spray mixtures containing oil. Do not use on plants growing in greenhouses.

**THE USES LISTED BELOW ARE FOLIAR SPRAYS UNLESS OTHERWISE INDICATED**

Ornamental Plants— Outdoor Plants Only	Pest Controlled	PINTS Per 50 Gals. Water or Teaspoons per ½ Gal. Water	Tablespoons per per 3 Gals. Water
Azaleas	Lace Bugs, Leaf Miners Mites, Tea Scale, Whiteflies	1	2
Carnelias	Aphids, Carnelia Scale, Mites, Tea Scale	1	2
		Foliar Spray: Apply 2 sprays 6 weeks apart the first year followed by annual applications soon after first growth begins in the spring. Soil Drench: Apply CYGNON 2-E as a soil drench around the base of plants in early spring at the rate of 4 tablespoons per 1 gallon of water per plant up to 6 feet tall. Increase this rate proportionately for larger plants.	
Roses	Aphids, Leafhoppers, Mites, Thrips	1	2
Birch	Aphids, Leaf Miners	½	2
		For leaf miners apply when leaves are expanded (about mid-May) and repeat in early July.	

Plants— Outdoor Plants Only	Pest Controlled	PINTS Per 50 Gals. Water or Teaspoons per ½ Gal. Water	Tablespoons per per 3 Gals. Water
Boxwood	Leaf Miners, Mealy Bugs, Mites	1	2
		For leaf miners, apply in spring when leaf miner flies first appear or in early summer for control of larvae in the infested leaves.	
Euonymus	Aphids, Scale	2	4
Glaucolus	Aphids, Thrips	1	2
Hemlock	Mites, Scale	1	2
Juniper	Aphids, Bagworms, Midges, Mites	2	4
Pine	Aphids, Bagworms, European Pine Shoot Moth, Nantucket Pine Tip Moth, Zimmerman Pine Moth	2	4

**CHEMIGATION:**

Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION SYSTEMS—CHEMIGATION" for use directions for chemigation. Do not apply this product through any irrigation systems unless the supplemental labeling on chemigation is followed.

Fly control: Apply as a spray containing ½ pint of CYGNON 2-E in 5 quarts of water with a knapsack or similar type sprayer to areas frequented by flies, such as doorways, around windows, etc. Repeat applications should be made when necessary. Good sanitation is a necessary part of any effective fly control program.

Maggot Sprays: For the control of fly maggots, mix ½ pint of CYGNON 2-E in 5 quarts of water and apply as a coarse spray or with a sprinkling can to fly-breeding areas, such as poultry droppings in caged-layer houses, garbage dumps and manure piles. Repeat application as additional manure or garbage is added.

Residual Wall Sprays: For the control of flies including resistant strains, in dairy barns, hog pens, calf barns, poultry houses and other farm buildings, apply a 1% residual spray to the ceilings, walls, stan-chions, etc. Prepare the spray by mixing ½ pint of CYGNON 2-E in 1½ gallons of water. Thoroughly wet all fly resting areas to the point of runoff. One gallon of spray will cover 500 to 1,000 square feet of surface. Repeat applications should be made when necessary. Remove all animals from buildings when applying residual wall sprays.

Litter (Darkling) Beetle: To control Litter Beetles, mix ½ pint of Cygnon 2E in 1½ gallons water and apply as a surface treatment to walls, floors, ceilings and the general surface area after depopulation. Animals must be removed from buildings when applying product.

CYGNON 2-E IS ACCEPTABLE FOR USE AS A RESIDUAL-TYPE INSECTICIDE IN AND AROUND FEDERALLY INSPECTED MEAT PACKING PLANTS EXCEPT WHERE MEAT FOOD PRODUCTS ARE PROCESSED OR HANDLED.

CYGNON 2-E controls flies up to 8 weeks or longer.

General Outside Use: For the control of flies around homes and recreation areas, garbage cans, animal quarters, food-processing plants, warehouses, loading docks and refuse areas: thoroughly spray exposed surfaces such as walls, fences, garbage and refuse containers with ½ pint of CYGNON 2-E in 1½ gallons of water.

Repeat applications should be made when necessary.

**DISCLAIMER**

HACO, Inc. warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use.

Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc.

HACO, Inc. makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY.

Buyer assumes the risk of any use contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable by HACO, Inc.



MANUFACTURED FOR  
**HACO, inc.**  
BOX 7190  
MADISON, WISCONSIN 53777 U.S.A.