

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States Environmental Protection Agency Washington, DC 20460

Registration
Amendment
Other

OPP Identifier Number Notification 249029

Application for Pesticide - Section I

1. Company/Product Number 5481-54
2. EPA Product Manager Robert J. Forrest
3. Proposed Classification None Restricted
4. Company/Product (Name) ALCO CYGON 2E PM# 14 OPP ID # 249029
5. Name and Address of Applicant (Include ZIP Code) AMVAC CHEMICAL CORPORATION 4100 EAST WASHINGTON BLVD. LOS ANGELES, CA 90023
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. > N/A Product Name > N/A

Section - II

Amendment - Explain below. Resubmission in response to Agency letter dated. Notification - Explain below. WPS by Notification. Final printed labels in response to Agency letter dated EPA LTR 06-21-93. "Me Too" Application. Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
1. This Notification Amendment includes a WPS Exclusionary Statement found in
2. the Directions For Use paragraph on both the Basic and Correlative label.
3. This submission also serves as finished labeling which is in compliance with
4. paragraphs No. 1 & 2 in the Agency's last ACCEPTANCE Letter dated June 21,
5. 1993. If appropriate please stamp one copy of both labels and return. Thanks

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container: Metal, Plastic, Glass, Paper, Other (Specify) other Water Sol. PK
3. Location of Net Contents Information: Label, Container
4. Size(s) Retail Container: 1 pint; 1 Quart; 1 Gallon
5. Location of Label Directions: On Label, On Labeling accompanying product
6. Manner in Which Label is Affixed to Product: Litho, 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 H. R. MCLANE, INC. Title Authorized Agent Telephone No. (Include Area Code) 305 661 1706
By H. R. McLane; Amvac Chem. Corp. 213 526 2388
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 HRM McLane 3. Title Authorized Agent
4. Typed Name Rusty Millar, Mgr. Reg. Affairs 5. Date JAN 16 1996
6. Date Application Received (Stamped)

# CERTIFICATION STATEMENT

## WORKER PROTECTION STANDARD AMENDED LABELING FOR:

**CYGON® 2E**  
**EPA REG. NO. 5481-54**

**AMVAC CHEMICAL CORPORATION**  
**LOS ANGELES, CA 90023 U.S.A.**

*Certification when Supplement Three is followed exactly:*

I certify that the labeling being submitted for this product is in complete accordance with the labeling requirements of PR Notice 93-7, which reflects the requirements of EPA's labeling regulations for worker protection statements (40 CFR part 156, subpart K). Where exact language is specified in the PR Notice, I have used that language exactly, in the locations specified. I further certify that no revisions are being submitted other than those directed by PR Notice 93-7. I understand that it would be a violation of FIFRA if I or my supplemental registrants were to sell or distribute this product after April 21, 1994, without amended labeling complying with the requirements of 40 CFR part 156, Subpart K.

Signed: *H. R. McLane* Date JAN 16 1996  
H. R. McLane, Inc. By H. R. McLane, Authorized Agent  
for: Mr. Rusty Millar, Dir. Regulatory Affairs  
Amvac Chemical Corp.

The Acute toxicity categories for this product as entered in blocks 3 through 7 of the Product Worksheet are as follows:

Toxicity	Category
Acute oral	III
Acute dermal	III
Skin irritation potential	III
Eye irritation potential	III
Acute inhalation	III

Please Stamp "**ACCEPTED**" on one copy of submitted labeling and return for our further, immediate use.

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

**CAUTION:** Vapor harmful. Harmful if swallowed. Avoid breathing vapor or spray mist. Use only with adequate ventilation. Avoid contact with skin and eyes. Wash thoroughly after handling and before eating or smoking. Do not contaminate food or food products, drinking fountains, litter and feed troughs. Do not use in milk processing rooms including milk houses and milk storage rooms. Do not use in homes. Concentrated material causes eye irritation.

**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. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming crops or weed. Do not apply this product or allow it to drift to blooming crops or weeds, if bees are visiting the treatment area.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use, pour, spill or store near heat or open flame.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds. Do not apply this product through any type of irrigation system.

(Continue on next column)



**CYGON® 2E**

**FOR CONTROL  
OF HOUSE FLIES AND  
INSECTS AND MITES ON  
ORNAMENTAL PLANTS**

**ACTIVE INGREDIENT:**

Dimethoate: [ O,O-dimethyl S-(N-carbamoyl methyl) phosphorodithioate] - - - - - 23.4%

**INERT INGREDIENTS\*\*:** - - - - - 76.6%

Total 100.0%

©CYGON-Reg. T.M. American Cyanamide Co. \*\*Contains xylene-range aromatic solvent - (1 Gallon contains 2 pounds of dimethoate)

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENTS OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Give victim 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. **IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated. **IF ON SKIN:** In case of contact, remove contaminated clothing and immediately wash skin with plenty of soap and water. **IF IN EYES:** Flush eyes with plenty of water for at least 15 minutes. Get medical attention. **NOTE TO PHYSICIAN:** This product is a cholinesterase inhibitor. Treat symptomatically. Atropine is antidotal. **SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

REFER TO ATTACHED SUPPLEMENTAL LABEL BOOKLET FOR COMPLETE USE DIRECTIONS.

EPA REG. NO. 5481-54 EPA EST. NO. 5481-CA-1

**AMVAC CHEMICAL CORPORATION**  
4100 EAST WASHINGTON BLVD.  
LOS ANGELES, CA 90023 U.S.A.

NET CONTENTS 1 PINT(16 FL.OZ.)

**STORAGE**

Do not contaminate disposal. **STORAGE:** Store cool, dry, locked place. **NOT STORE BELOW PESTICIDE DISPOSAL** hazardous. Improper spray mixture, or rinsing. If these wastes cannot be disposed of according to label instructions or Environmental Control Agency Waste representative Office for guidance. **CONTAINER DISPOSAL:** (See label for disposal instructions). Then dispose of in approved State and local regulations.

**THIS PRODUCT IS FOR USE ON GROUND**

**REQUIRED CLOTHING FOR OPERATOR**

- All applicators, including personnel involved with mixing and transferring operations and equipment enclosure, must wear the following clothing and equipment:
- Impermeable gloves
  - plastic covered boots or boot covers
  - Long-sleeved shirt
  - Wide-brimmed hat
  - Respirators must be worn

**NOTICE:** This product description and its use is stated on the label, directions under no circumstances are to be used in a manner contrary to the label conditions, or under conditions not foreseeable to the manufacturer. The user assumes the responsibility for proper use.

(5481-54, PM51EPA cont'd accpt)



# CYGNON® 2E

## FOR CONTROL OF HOUSE FLIES AND INSECTS AND MITES ON ORNAMENTAL PLANTS

### SUPPLEMENTAL LABEL BOOKLET USE DIRECTIONS

**ACTIVE INGREDIENT:**

\*Dimethoate (O,O-dimethyl S-(N-methylcarbamoyl methyl) phosphorodithioate) . . . . . 23.4%

INERT INGREDIENTS: \*\* . . . . . 76.6%

Total 100.0%

\*CYGNON Trademark of American Cyanamide Company; \*\* Contains xylene-range aromatic solvent. 1 Gallon Contains 2 pound of Dimethoate

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

EPA Reg. No. 5481-54 EPA Est. No. 5481-CA-1  
AMVAC CHEMICAL CORPORATION  
4100 E. WASHINGTON BLVD.  
LOS ANGELES, CA 90023 U.S.A.

**Refer to label on container for  
Complete Precautionary Statements**

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

**CAUTION:** Vapor harmful. Harmful if swallowed. Avoid breathing vapor or spray mist. Use only with adequate ventilation. Avoid contact with skin and eyes. Wash thoroughly after handling and before eating or smoking. Do not contaminate food or food products, drinking fountains, litter and feed troughs. Do not use in milk processing rooms including milk houses and milk storage rooms. Do not use in homes. Concentrated material causes eye irritation.

**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. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of 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.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use, pour, spill or store near heat or open flame.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds. Do not apply this product through any type of irrigation system.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original container in a cool, dry, locked place out of reach of children. DO NOT STORE BELOW FREEZING TEMPERATURES.

**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:** Triple rinse (or equivalent). Then dispose of in a sanitary landfill, or by other approved State and local procedures.

USE ONLY AS DIRECTED. READ ENTIRE LABEL BEFORE USING.

Alco Cygon 2E is an emulsifiable concentrate to be mixed with water.

DO NOT USE THIS PRODUCT FOR ANY USES OTHER THAN THOSE SPECIFIED ON THIS LABEL.

**DIRECTIONS FOR USE - HOUSE FLIES**

**Residual Wall Sprays:** For the control of houseflies, 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, and stanchions. Prepare the spray by mixing 2 quarts of Alco Cygon 2E in 12 1/2 gallons of water. Thoroughly wet all fly resting areas to the point of run-off. One gallon of spray will cover 500 to 1,000 square feet of surface. Repeat applications should be made when necessary.

**REMOVE DAIRY ANIMALS, CALVES UNDER ONE MONTH OF AGE, AND POULTRY FROM BUILDING WHEN APPLYING RESIDUAL WALL SPRAYS.**

**SPOT SPRAYS**

For localized housefly control, apply a spray containing 1/2 pint of Alco Cygon 2E in 5 quarts of water with a knapsack or similar type sprayer to areas frequented by flies, such as doorways, or around windows. Repeat application should be made when necessary. Good sanitation is a necessary part of any effective fly control program.

**MAGGOT SPRAYS**

As a spot treatment for the control of housefly maggots, mix 1/2 pint of Alco Cygon 2E 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.

**GENERAL OUTSIDE USE**

For the control of houseflies around homes, and recreation areas, garbage cans, animals quarters, food processing plants, warehouses, loading docks and refuse areas, thoroughly spray exposed surfaces, such as walls, fences, garbage and refuse containers with 1 pint of Alco Cygon 2E in 3 gallons of water. Repeat application should be made when necessary.

**DIRECTIONS FOR USE  
ON ORNAMENTAL PLANTS**

Alco Cygon 2E is generally effective in controlling Aphids, Thrips, Leaf miners, Scale, Leafhoppers and Mites.

For proper timing of treatment 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 over-dose or over-spray. Do not use on ornamental plants not listed. Do not use in sprays containing oils as injury may result. The uses listed on following pages are foliage sprays unless otherwise indicated.

(5481-54S.PM5 \ EPA cont'd acctpt'd copy 06-21-93 prtr's date of acctpt'd copy 01-15-96)

**DIRECTIONS FOR USE ON ORNAM**

Ornamental Plants	Pests Controlled	Amt/50 Gals water	Amt/3 Gals water	Ornamenta Plants
Azaleas (outdoor plants)	Lace Bugs Leaf Miners Mites Tea Scales White Flies	1 pint	2 tbsp.	Boxwood
Camellias	Aphids Camella Scale Mites Tea Scale	1 pint <u>Foliar Spray:</u> Apply 2 sprays 6 weeks apart the first year followed by annual applications soon after first growth begins in the spring. <u>Soil Drench:</u>	2 tbsp.	Cedar Euonymus Gardenias Gerberas Gladiolus lris
Carnations	Aphids Thrips Mites	1 pint <u>Soil Drench:</u> Apply as a soil drench at the rate of 4 fluid ozs./500 sq.ft. of bed or bench; (5 quarts per 1/2 acre) in sufficient water for even distribution. Water in thoroughly after application.	2 tbsp.	Poinsettias (Outdoor plants) Ficus Nitida (Outdoor plants) Hemlock
Cyperus	Bactra Moth Larvae	1 pint	2 tbsp. Apply as a drenching spray.	Juniper
Day Lilies	Aphids Thrips	1 pint	2 tbsp. Do not use on Easter Lilies since injury may occur.	Oak Pine
Roses (Outdoor Plants)	Aphids Leafhoppers Mites Thrips	1 pint	2 tbsp.	Taxus
Arborvitae	Aphids Bagworms Mites	1 quart	4 tbsp.	Refer to Com
Birch	Aphids Leaf Miners	1/2 pint	1 tbsp. For leaf miners apply when leaves are expanded (about mid May) and repeat in early July.	

(tbsp. = tablespoonful)