

JUN 21 1993

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H. R. McLane, Inc.  
7210 Red Road, Suite 206  
Miami, Florida 33143-5321

Dear H. R. McLane:

Subject: Alco Cygon 2 E  
EPA Registration No. 5481-54  
Your Letter of April 16, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that the following changes are made to the label:

1. In accordance with PR Notice 93-3 the sentence under the ENVIRONMENTAL HAZARDS section, "Do not apply directly to water or wetlands." must be changed to read:

**"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."**

2. Please note, on the last accepted label, under the directions for use for boxwood the application rate was 2 tablespoons/ 3 gallons water.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). If any of your products are covered by the WPS, you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER of August 21, 1992 (57 FR 38102). Further guidance will be issued. According to 40 CFR 156 subpart K, specifically §156.200(c)(3):

MAILED DISK # 3 1/12/93

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"No product to which this subpart applies shall be distributed or sold without amended labeling by any registrant after April 21, 1994."

If you have any questions about this letter, contact Barbara Madden at (703) 305-5410 or (703) 305-6600.

Sincerely yours,

Robert A. Forrest  
Product Manager (14)  
Insecticide-Rodenticide Branch  
Registration Division (H7504C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

**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. Do not apply directly to water or wetlands. 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. 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.

(Continued on next column)

5481-54  
the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) under EPA Reg. No.

JUN 21 1993

ACCEPTED  
with COMMENTS  
EPA Letter Dated



**CYGNON® 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%

©CYGNON-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. 6481-64 EPA EST. NO. 6481-CA-1

**AMVAC CHEMICAL CORPORATION**

4100 EAST WASHINGTON BLVD.  
LOS ANGELES, CA 90023 U.S.A.

NET CONTENTS 1 PINT (16 FL.OZ.)

**PESTICIDE DISPOSAL:** hazardous. Improper spray mixture, or rinsing. If these wastes cannot be disposed of according to label instructions, contact your local or Environmental Conservation Agency Waste representative or Environmental Protection Agency Office for guidance. **CONTAINER DISPOSAL:** (See label for disposal instructions). Then dispose of in accordance with approved State and local regulations.

**THIS PRODUCT IS HARMFUL TO AQUATIC LIFE  
GROUND APPLICATORS**

**REQUIRED CLOTHING AND EQUIPMENT FOR APPLICATORS**

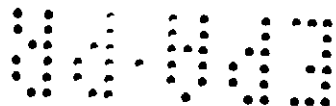
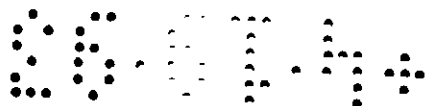
- All applicators, including personnel involved with transferring operations must wear the following clothing and equipment enumerated on the label:
- Impermeable gloves
  - plastic covered rain gear
  - Boots or boot covers
  - Long-sleeved shirt and pants
  - Wide-brimmed hat.
  - Respirators must be used when the label requires.

**NOTICE:** This product is a pesticide and is described on the label. The description and is registered with the EPA. The directions under normal conditions of use. The manufacturer is not responsible for any injury or damage caused by the use of this product under conditions, or under conditions of use, which are not specified on the label. The buyer assumes the risk of injury or damage.

(6481-64, PMM 03-25-83; Ref. EPA Reg. No. 6481-64)

Ornamental Plants	Pests Controlled	Amt/50 Gals water	Amt/3 Gals water
Azaleas (outdoor plants)	Lace Bugs Leaf Miners Mites Tea Scales White Flies	1 pint	2 tbsp. Injury may occur on certain varieties if applied in spray mixtures containing oil.
Camellias	Aphids Camellia Scale Mites Tea Scale	1 pint	2 tbsp. <b>Foliar Spray:</b> Apply 2 sprays 6 weeks apart the first year followed by annual applications soon after first growth begins in the spring. <b>Soil Drench:</b> Apply as a soil drench around the base of plants in early spring at the rate of 4 tbsp. per gallon of water per plant up to 6 feet tall. Increase this rate proportionately for larger plants. Injury may occur on certain varieties if applied in spray mixtures containing oil.
Camellions	Aphids Thrips Mites	1 pint	2 tbsp. <b>Soil Drench:</b> 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.
Cyperus	Bactra Moth Larvae	1 pint	2 tbsp. Apply as a drenching spray.
Day Lilies	Aphids Thrips	1 pint	2 tbsp. Do not use on Easter Lilies since injury may occur.
Roses (Outdoor Plants)	Aphids Leafhoppers Mites Thrips	1 pint	2 tbsp.
Arborvitae	Aphids Bagworms Mites	1 quart	4 tbsp.
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)			

Ornamental Plants	Pests Controlled	Amt/ 50 Gals water	Amt/ 3 Gals water
Boxwood	Leaf Miners Mealy Bugs Mites	1 pint	4 tbsp. For Leaf Miner, apply in spring when leaf miner flies first appear or in early summer for control of larvae in the infested leaves.
Cedar	Mites	1 quart	4 tbsp.
Euonymus	Aphids Scale	1 quart	4 tbsp.
Gardenias	Tea Scale White Flies	1 pint	2 tbsp.
Gerberas	Thrips	1 pint	2 tbsp.
Gladiolus	Aphids Thrips	1 pint	2 tbsp.
Iris	Aphids Iris Borer Thrips	1 quart	4 tbsp. For Borer control spray when new leaves are 5 to 6 inches tall.
Poinsettias (Outdoor plants)	Mites White Flies Mealy Bugs Aphids	1 pint	2 tbsp.
Ficus Nitida (Outdoor plants)	Thrips	1 pint	2 tbsp. Do not use on potted plants.
Hemlock	Mites Scale	1 pint	2 tbsp.
Juniper	Aphids Bagworms Midges Mites	1 quart	4 tbsp.
Oak	Golden Oak Scale	1 quart	4 tbsp.
Pine	Aphids Bagworms European Pine Shoot Moth Nantucket Pine Tip Moth Zimmerman Pine Moth	1 quart	4 tbsp.
Taxus	Fletcher Scale Mealy Bugs Mites	1 quart	4 tbsp.
Refer to label on container for Antidote and Complete Precautionary Statements.			



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