

Reg # 56644-34

PM-14

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JUL 26 1993

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Ms. Beverly Randall
Security Products Company of Delaware, Inc.
P. O. Box 59084
Minneapolis, MN 55459

Dear Ms. Randall:

Subject: Security Brand Cygon 2-E Systemic Insecticide
EPA Registration No. 56644-34
Your Submission Dated April 30, 1993 in Response to the
Agency Letter of February 25, 1993

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

1. Move the statement "Do not apply this product through any type of irrigation system" so that it is located at the beginning of the DIRECTIONS OF USE immediately before "OUTDOOR ORNAMENTAL PLANTS".

2. Please note that since this product is intended for a homeowner market only a slightly different protective clothing statement may be use that reads:

"The following protective clothing must be worn during application:

- a. Impermeable gloves (for example: rubber or plastic covered reinforced gloves).
- b. Boots or boot covers.
- c. Long-sleeved shirt and long pants.
- d. Wide-brimmed hat."

Refer to page 22 of the March 1983 "DIMETHOATE Pesticide Registration Standard (035C01)".

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section

MADDEN TASK #3 7/23/93

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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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). Under the WPS labeling regulations at 40 CFR 156, subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS requirements after April 21, 1994, without amended labeling accepted by the Agency.

Sincerely yours,

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

enclosure

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

3 5 6

SECURITY BRAND
CYGON* 2-E Systemic Insecticide

For use on listed Ornamentals and Vegetables

Mites Aphid Scale Thrips

ACTIVE INGREDIENT:

Dimethoate: O,O-dimethyl S-[N- (methylcarbamoyl)	
methyl] phosphorodithioate	23.4%
INERT INGREDIENTS	<u>76.6%</u>
TOTAL	100.0%

This product contains 2 pounds Dimethoate per gallon
*Trademark of American Cyanamid Company

KEEP OUT OF REACH OF CHILDREN
WARNING

Manufactured For
Security Products Co.
of Delaware, Inc.
Minneapolis, MN 55459

EPA Reg. No. 56644-34
EPA Est. 769-GA-1 (A)
EPA Est. 1386-OH-1 (B)
EPA Est. 6720-FL-1 (C)

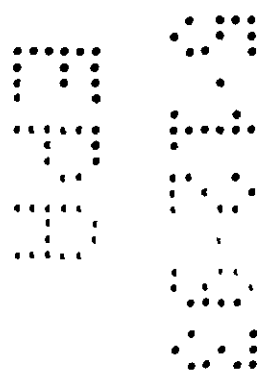
NET CONTENTS: 1 Pint

The letter following lot number
indicates Establishment location

ACCEPTED
with COMMENTS
in EPA Letter Dated
JUL 26 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

56644-34



STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 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 person.

IF INHALED: Remove victim to fresh air. Apply respiration if indicated.

IF ON SKIN: Wash immediately with soap and water.

IF IN EYES: Flush eyes for at least 15 minutes with plenty of water and get medical attention.

NOTE TO PHYSICIAN: This product may cause cholinesterase inhibition. Atropine is antidotal. Pralidoxime chloride (2-PAM, PROTOPAM Chloride) may be effective as an adjunct to atropine.

FOR EMERGENCY MEDICAL INFORMATION Call 1-800-228-5635, Extension 138.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

WARNING: HARMFUL OR FATAL IF SWALLOWED. VAPOR HARMFUL, CONCENTRATED MATERIAL CAUSES EYE IRRITATION. Avoid breathing vapor or spray mist. Use only with adequate ventilation. Avoid contact with skin and eyes. Wash thoroughly after handling. Do not contaminate food or feed products.

REQUIRED CLOTHING AND EQUIPMENT FOR APPLICATION: All applicators, including homeowners, flaggers and all personnel involved with the mixing, loading and transferring operations must wear the protective clothing and equipment enumerated below. The protective clothing and equipment to be worn is as follows: impermeable gloves (for example, rubber or plastic covered reinforced gloves), boots or boot covers, long-sleeved shirt and long pants and a wide-brimmed hat. Respirators must be worn by flaggers and mixer/loaders. This product is designed for ground application only.

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 equipment or disposal of wastes.

BEES: 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.

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PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not store below freezing temperatures.

DIRECTIONS FOR USE

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

OUTDOOR ORNAMENTAL PLANTS

SECURITY® Cygon 2-E is generally effective in controlling aphids, thrips, leafminers, scale, leafhoppers, mites and certain other insect pests as listed. For proper timing of treatments for the control of specific pests, consult your State Agricultural Extension Service. Make adequate sprays when pests appear or when damage is first observed. Do not over-dose or overspray. Do not use on ornamentals not listed. Do not use on any ornamental stock plants grown as a source of propagation material such as cuttings, layers, root stock or scions for grafting or budding. Do not use in spray mixtures containing oil. Do not use on plants growing in greenhouses. The uses below are for foliar sprays unless otherwise indicated.

AZALEAS: To control lace bugs, leafminers, mites, whiteflies and tea scale apply 2 teaspoons per gallon of water.

CAMELIAS: To control aphids, camellia scale, mites and tea scale apply 2 teaspoons per gallon of water.

FOLIAR SPRAY: Apply 2 sprays 6 weeks apart the first year followed by annual application soon after growth begins in the spring. **SOIL DRENCH:** Apply 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.

CARNATIONS: To control aphids, thrips and mites, apply 2 teaspoons per gallon of water as a foliar spray. **SOIL DRENCH:** Apply as a soil drench at the rate of 4 fluid ounces per 500 square feet of bed or bench in sufficient water for even distribution. Water in thoroughly after application.

CYPRESS: To control aphids and thrips, apply 4 teaspoons per gallon.

ROSES: To control aphids, leafhoppers, mites and thrips, apply 1 teaspoon per gallon of water.

ARBORVITAE: To control aphids, bagworms and mites, apply 4 teaspoons per gallon of water.

BIRCH: To control aphids and leafminers, apply 1 teaspoon per gallon of water. For leafminers, apply when leaves are expanded (about mid-May) and repeat in early July.

PAINT METHOD: To control leafminers, undiluted **SECURITY® Cygon 2-E** may be painted on the bark of the tree. The chemical is then absorbed into the "system" of the tree and is carried by the sap to the leaves. Paint a band of undiluted **Cygon 2-E** around the trunk below the lowest branches. The width of this band must be equal to the thickness of the trunk at the location (maximum 6"). Make the first treatment when the buds break. Weather conditions are important for correct timing of treatment. If weather is warm and buds break fast, apply when green tips are visible. In cold weather it is better to wait until the leaves have almost completely unfurled. Make a second treatment 6 weeks after the first. Do not make more than two treatments per season. Newly planted trees and those with trunks less than 1 inch thick may be injured. Do not use on the trunk of any other trees or severe injury may result.

BOXWOOD: To control leafminers, mealybugs and mites, apply 2 teaspoons per gallon of water. For leafminers, apply in spring when leafminer flies first appear or in early summer for control of larvae on the infested leaves.

CEDAR: To control bagworms and mites, apply 4 teaspoons per gallon of water.

EUONYMUS: To control aphids and scale, apply 4 teaspoons per gallon of water.

GARDENIAS: To control tea scale and whiteflies, apply 2 teaspoons per gallon of water.

GERBERAS: To control thrips, apply 2 teaspoons per gallon of water.

GLADIOLUS: To control aphids and thrips, apply 2 teaspoons per gallon of water.

IRIS: To control aphids, iris borer and thrips, apply 2 teaspoons per gallon of water. For borer control, spray when new leaves are 5-6 inches tall.

POINSETTIAS: To control mites, whiteflies, mealybugs and aphids, apply 2 teaspoons per gallon of water.

FICUS RTIDA: To control thrips, apply 2 teaspoons per gallon of water. Do not use on potted plants.

HOLLY (English and American - do not use on Bedford variety): To control leafminers, mites and scale, apply 2 teaspoons per gallon of water. For leafminers, apply in spring when leafminer flies first appear or in early summer for the control of larvae in infested leaves.

HEMLOCK: To control mites and scale, apply 2 teaspoons per gallon of water.

JUNIPER: To control aphids, bagworms, midges and mites, apply 4 teaspoons per gallon of water.

OAK: To control golden oak scale, apply 4 teaspoons per gallon of water.

PIKE: To control aphids, bagworms, European pine shoot moth, Nantucket pine tip moth and Zimmerman pine moth, apply 4 teaspoons per gallon of water.

TAXUS: To control Fletcher scale, mealybugs and mites, apply 4 teaspoons per gallon of water.

VEGETABLES

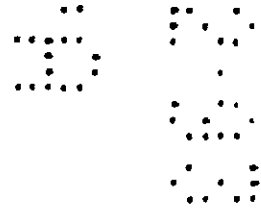
In the garden apply **SECURITY® Cygon 2-E** as a foliage spray when insects or their damage is first noticed and repeat as necessary for control. Follow the recommended application timing and intervals for the vegetables listed. Do not apply to any crop not listed on this label. Rates are expressed by teaspoons per gallon of water. Consult the chart below for the amount of diluted spray to apply for specific row spacing. All rates are based on a broadcast rate of 150 gallons per acre. During early stages of growth, proportionately less spray will be required. Always spray for thorough coverage. Follow the time interval between last application and harvest indicated by the number in () following each vegetable. A (0) indicates product can be used through day of harvest. Do not graze treated area or feed treated plant parts or ensilage to livestock.

Amount of Dilute Spray per 100 Feet of Row When Spacing Is:

12" - 1/3 gallon	24" - 2/3 gallon
36" - 1 gallon	48" - 1 1/3 gallon

BEANS (Dry, Green, Lima and Snap) (0): To control aphids, leafhoppers, leafminers, lygus bugs and mites, apply 2/3 to 1 1/3 teaspoons per gallon of water (1 to 2 pints per acre).

This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom.



BROCCOLI (7), CABBAGE (7) and CAULIFLOWER(7):

To control aphids, apply 2/3 to 1 2/3 teaspoons per gallon of water (1 to 2 pints per acre).

COLLARDS (14), ENDIVE (Escarole) (14), KALE (14), LETTUCE (HEAD 7, LEAF 14) MUSTARD GREENS (14) SPINACH (14), SWISS CHARD (14) and TURNIPS(14):

To control aphids, leafhoppers and leafminers, apply 2/3 teaspoon per gallon of water (1 pint per acre).

MELONS (3): To control aphids, leafhopper, leafminers and thrips, apply 1 1/3 teaspoons per gallon of water (1 quart per acre).

PEPPERS (8): To control aphids, leafminers and pepper maggots, apply 2/3 to 1 1/3 teaspoons per gallon of water (1 to 2 pints per acre).

POTATOES (8) and TOMATOES (7): To control aphids, leafhoppers and leafminers, apply 2/3 to 1 1/3 teaspoons per gallon of water (1 to 2 pints per acre)

HOUSEFLIES

RESIDUAL WALL SPRAYS: For the control of houseflies,

in any resistant strains, in dairy barns, hog pens, calf barns, poultry houses and other farm buildings, apply a 1% residual spray to the ceiling walls, stanchions, etc.

Prepare the spray by mixing 1 pint Cygon 2-E in 3 gallons of water. Thoroughly wet all fly-resting areas to the point of runoff. One gallon of spray will cover 500 to 1000 square feet of surface. Repeat applications should be made when necessary. Remove all animals from building when applying residual wall sprays. CYGON 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. DO NOT USE IN EDIBLE PRODUCT AREAS OF FOOD PROCESSING PLANTS, RESTAURANTS OR OTHER AREAS WHERE FOOD IS COMMERCIALY PREPARED OR PROCESSED. DO NOT USE IN SERVING AREA WHILE FOOD IS EXPOSED.

SPOT SPRAY: For localized housefly control, apply a spray containing 1/2 pint Cygon 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 housefly maggots, mix 1/2 pint Cygon 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 applications as additional manure or garbage is added.

GENERAL OUTSIDE USE: For the control of houseflies 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 1 pint Cygon 2-E in 3 gallons of water. Repeat applications should be made when necessary. DO NOT CONTAMINATE FEED AND FOODSTUFFS, DRINKING FOUNTAINS AND LITTER AND FEED TROUGH. DO NOT USE IN MILK-PROCESSING ROOMS INCLUDING MILK HOLJES AND MILK STORAGE ROOMS. DO NOT USE IN HOMES

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. Store pesticide in original container and place in a locked storage area. Do not reuse container. Rinse thoroughly and securely wrap original container in several layers of newspaper and discard in trash.

Warranty and Limitation of Damages

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.