

PM

14

59639-31

NOV 23 1993

Page 1 of 3



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

5441241

5453403

325
38
326
17

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr Mark Herbst
Registration Assistant
Valent U.S.A. Corporation
1333 N California Blvd. Suite 600
Walnut Creek, CA 94596-8025

Dear Mr. Herbst:

Subject: Orthene PCO Formula II
EPA Registration No. 59639-31
Your Application of May 14, 1993, and Revised Labeling
Submitted November 10, 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 you:

- o Submit two(2) copies of your final printed labeling before you release the product for shipment.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of this condition.

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

This labeling does not bear the required Worker Protection statements as outlined in PR Notices 93-7 and 93-1. We note that you have submitted labels in accordance with the instructions in those Notices. The new protective language in those submissions must be incorporated into this label for any shipments released after the deadlines that have been established. You may opt to do so immediately if you are electing the self-verification option, or after acceptance by the special Agency Worker Protection Standard review group. Finished printed labels must be submitted after acceptance by the WPS group and in accordance with their instructions.

Sincerely yours,

Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (7504C)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing dust, spray, or vapors. Wash thoroughly with soap and water after handling. Remove and launder contaminated clothing before reuse. Do not allow children or pets to come into contact with treated surfaces until sprays have dried.

STATEMENT OF PRACTICAL TREATMENT

If swallowed drink 1 or 2 glasses of water (or milk) and induce vomiting by touching the back of the throat with finger. If possible contact a physician, Poison Control Center, or emergency center before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to the nearest emergency treatment center. In case of eye contact, wash eyes immediately with fresh water for at least 15 minutes. See a doctor if irritation persists. If inhaled, remove person from exposure area. For skin contact, wash skin with plenty of soap and water.

Note to Physicians: Emergency Information - call 1-800-892-0099. Acephate is a cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition appear, atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine but should not be used alone.

WORKER SAFETY

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR, AND CLEANING OF MIXING, LOADING AND APPLICATION EQUIPMENT, AND DISPOSAL OF THE PESTICIDE: Chemical-resistant gloves, long sleeved shirt, long legged pants, shoes and socks.

SAFETY: Always wash hands, face and arms with soap and water before smoking, eating, drinking, or toileting. AFTER WORK: Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Personal and protective clothing worn during work must be laundered separately from household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use.

ENVIRONMENTAL HAZARDS

Keep out of any body of water.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

STORAGE

Store in original container. Do not store or transport near feed or food. Do not store or transport near feed or food. Do not store or transport near feed or food. Do not store or transport near feed or food. Do not store or transport near feed or food.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER DISPOSAL

After ensuring that both used packets and outer containers are empty, crush and dispose of in trash container.

General Information: Use ORTHENE PCO Formula II for residual pest control in the areas listed by application as a 0.75% or 1.0% spray. Use the 0.75% rate for control of light infestations on nonporous surfaces and the 1.0% spray to quickly reduce heavy infestations. Activity on porous surfaces may be limited. Repeat treatment as needed.

Use for use in feed processing areas in feed handling establishments.

Use only within Residential Buildings including Homes and Apartments; and within Industrial, Institutional, and Commercial Buildings including Restaurants, Warehouses, Stores, Hospitals, Hotels, Manufacturing Plants and Offices.

Desired Concentration WT./WT.	Grams Product In 1 Gal. Water	Ounces Product In 1 Gal. Water	No. of Packets In 1 Gal. Water
1/2%	19.5	0.7	1/2
3/4%	29.3	1.0	3/4
1%	39.0	1.4	1

Orthene, Aats, Crickets and Firebrats: Apply as a coarse, low pressure spray, crack and crevice spray or with a paint brush to local areas where these pests are found or normally occur including mats of rooms and closets; around television sets and radios; along and behind baseboards; around and under sinks, dishwashers, washing

ACCEPTED
with COMMENTS
in EPA Letter Dated

NOV 23 1993



Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 59639-31

**ORTHENE®
PCO Formula II**

(INSECTICIDE)

For Use Only By
Professional Applicators

Active Ingredient
Acephate (O,S-Dimethyl acetylphosphoramidothioate).....96%
Inert Ingredients 4%
ORTHENE® - Reg. TM of Chevron Chemical Company for acephate insecticide.

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

Manufactured for
Valent U.S.A. Corporation
Walnut Creek CA 94596-8025
Made in U.S.A.
EPA Est. 239-CA-1
EPA Reg. No. 59639-31-AA

**NET WEIGHT 14 OUNCES
(10/1.4 OUNCE PACKETS)**

machines, refrigerators, stoves and cabinets; areas where plumbing enters or leaves the room; or other areas inhabited by these pests.

Note: A period of 3 to 7 days may be necessary for ORTHENE PCO Formula II to reach its maximum effect on cockroaches.

Earnings, Pillsbugs and Sawbugs: Apply as a coarse, low pressure spot spray to areas around doors and windows, storage areas, baseboards and other areas where these pests may enter or be found.

Poultry Plants—Exposed Stages (Cooked Poultry, Indian Meal Meal, and Trogodermis): Apply ORTHENE PCO Formula II at 1.0% as a spot application to poultry and cupboard shelves where food containers suspected of being infested are stored. Prior to spraying, remove all foodstuffs, shelving paper and utensils. Do not replace the food packages until the surface has dried. Replace shelving paper. Infested food packages should be destroyed.

Wasps: Apply ORTHENE PCO Formula II as a spot application at 0.5% to 1.0% to the nest, nest entrance, and surrounding areas where the wasps alight. Wasps are generally less active early and late in the day, so it is advisable that nests should be treated during these times.

Preventive Treatment: To control Cockroaches, Ants, Pillsbugs, and Earwigs apply ORTHENE PCO Formula II at 0.5% to 1.0% to a band of soil 6 to 10 feet adjacent to the structure, also to a height of 2 to 3 feet on the foundation where pests may be active or may find entrance. Also, apply as a residual spray or with a paint brush to surfaces of buildings, window frames, shutters, entry ways, screens, eaves, porches, garages, carpets, around garbage areas and other areas where these pests congregate.

For Application as Spot Treatment—Spot treatments may be applied at moderate pressures (up to 35 psi) using a coarse fan tip. For spot treatments, no individual spot will exceed two (2) square feet.

Mix ORTHENE PCO Formula II according to dilution chart. Apply as a SPOT TREATMENT using coarse fan spray to areas inhabited by cockroaches. Treat areas such as baseboards, under and behind refrigerators, stoves, dishwashing and other equipment, as well as in storage areas, closets, sinks, cabinets, around windows, doors and water pipes. Spot treatment should also include underside of drawers, shelves and other sites where cockroaches frequent or travel.

Food Handling Establishments: For use in Federally Inspected Meat and Poultry Plants and places other than private residences in which exposed food is held, processed, prepared or served.

Feed Areas - Application Limited to Spot and/or Crack and Crevice Treatment Only: Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing) preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Spray concentration shall be limited to a maximum of 1.0% active ingredient. Apply in small amounts directly into cracks and crevices using equipment capable of delivering a pin-stream of insecticide in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases, where labeled insects hide. Care should be taken to avoid depositing this product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces. Applications of This Product in the Feed Areas of Food Handling Establishments, Other than as a Spot and/or Crack and Crevice Treatment are not Permitted.

Non-Feed Areas - Includes garbage rooms, lavatories, floor drains (to sewer entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage). Spray concentration shall be limited to a maximum of 1.0% active ingredient. Apply to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets and similar areas where insects hide or through which they may enter.

Serving Areas - Facilities where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held: Apply as a spot treatment to selective surfaces such as baseboards, under elements of construction into cracks and crevices. Avoid treating surfaces likely to be contacted by food. (Do not apply when facility is in operation or foods are exposed). Do not allow spray or mist to contact food, foodstuffs or water supplies. Dishes and food handling utensils should be thoroughly washed in soap and water if exposed to contamination by the application of this product. Do not allow children or pets to contact treated surfaces until spray has dried.

Caution: Do not apply directly to carpet as discoloration may occur. Do not treat unpainted masonry floors in poorly ventilated areas such as garages or basements, especially where moisture or high humidity exists since persistent odor could develop.

IMPORTANT INFORMATION: READ BEFORE USING PRODUCT.
LIMITED WARRANTY: 1. Valent U.S.A. Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Valent does not make nor authorizes any agent or representative to make, any other warranty, guarantee or representation, express or implied, concerning this product. Specifically, NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.

2. Critical and unforeseeable factors beyond Valent's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Valent under 1 above) resulting from handling, storage, and use of the product.
3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

Copyright© 1993 by Valent U.S.A. Corporation

ORTHENE PCO FORMULA II revised Imported Fire Ants Label Text

COPY A

Apply as an outdoor treatment for control of ants, including imported fire ants and other listed pests.

COPY B

Ants (including Imported Fire Ants) in Mounds within a treated perimeter or other non-crop areas - In order to control a mound or nest, a drench treatment is necessary. For mound drench treatment, dissolve one (1) packet (1.4 oz.) of ORTHENE PCO FORMULA II in nine (9) gallons of water. Apply one (1) gallon of mix to each mound by sprinkling the mound until it is wet and treat a four (4) foot diameter circle around the mound.

For best results, apply ORTHENE PCO FORMULA II in the early morning or late afternoon when ants are most active. Mound drench applications made under prolonged hot and dry conditions may be ineffective due to the location of ants deep within the nest.

NOTE: Grass in treated areas may be injured. **DO NOT** treat a mound more than once per season.

COPY C

If swallowed: Drink 1 to 2 glasses of water (or milk) and induce vomiting by touching the back of the throat with finger. If possible contact a physician, Poison Control Center, or emergency center before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to the nearest emergency treatment center.

If in eyes: Wash eyes immediately with fresh water for at least 15 minutes. See a doctor if irritation persists.

If inhaled: Remove person from exposure area.

If on skin: Wash skin with plenty of soap and water.

COPY D

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.

COPY E

Ants (including Imported Fire Ants),

COPY F

NOTE: When making Perimeter Treatments, only foraging ants will be controlled.