Valent U.S.A. Corporation

Orthene® PCO Pellets
INSECTICIDE
KILLS ROACHES
For Use Only By Professional Applicators

Active Ingredient By Wt.)
Acetate (O,S-Dimethyl acetylphosphoramidothioate) 97.4%
Other Ingredients 2.6%

U.S. Patent No. 6,013,272
EPA reg. # 59639-31
EPA Est. # 39578-TX-01

KEEP OUT OF REACH OF CHILDREN
CAUTION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION
Harfmalifswallowed. Avoid contact with eyes, skin and clothing. Avoid breathing dust, sprays 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.

FIRST AID

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Rinse skin immediately with plenty of water for 15-20 minutes. 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 clean clothes. Clean or launder protective clothing after each use.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-892-0099 for emergency medical treatment information.

NOTE TO PHYSICIANS
Acetate 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

WORK 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
This product is toxic to birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or soil-incorporate spills.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds if bees are visiting the treatment area.

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

DISCLAIMER, RISKS OF USING THIS PRODUCT, LIMITED WARRANTY AND LIMITATION OF LIABILITY

IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT
The Buyer and User (referred to collectively herein as “Buyer”) of this product is hereby made aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil.

Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that the inherent unintended risks may reduce the harvest or yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND AGREES THAT ALL SUCH RISKS AS SOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY
Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY
In no event shall Valent or Seller be liable for any incidental, consequential or indirect or special damages resulting from the use of handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges on absent finance ratings, emotional distress and/or exemplary damages. THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE OPTION OF VALENT OR SELLER, THE REPLACEMENT OF THIS PRODUCT.

PROMPT NOTICE OF CLAIM
Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is later, so that an immediate inspection of the affected property and growing crops can be made. If Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS
Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

TANK MIXES
NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by this label shall be the exclusive risk of user, applicator and/or application advisor.

Read and follow the entire label of each product to be used in the tank mix with this product.

GENERAL INFORMATION
Use Orthene PCO Pellets for residual pest control in the areas listed by application and/or tank mix. Use 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 of porous surfaces may be limited. Repeat treatment as needed. Not for use in feed processing areas in feed handling establishments.

**DIRECTIONS**

Apply within Industrial, Institutional, and Commercial Buildings including Restaurants, Warehouses, Stores, Hospitals, Hotels, Manufacturing Plants and Ships. Apply as an outdoor treatment for control of ants, including imported fire ants and other listed pests. **Note:** Outdoor applications made to turfgrasses are restricted to treatment of fire ant and harvester ant mounds. Agitate or shake spray container to ensure thorough dissolution.

### Cockroaches, Ants, Crickets and Firebrats:

Apply as a coarse, low pressure spot spray, crack and crevice spray or with a paintbrush to localized areas where these pests are found or normally occur including corners of rooms and closets, around television sets and radios; and behind baseboards, around and underneath sinks, dishwasher, 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 Pellets to reach its maximum effect on cockroaches.

### Earwigs, Pillbugs 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.

### Pantry Pests—Exposed Stages (Confused Flour Beetle, Indian Meal Moth and Trogoderma):

Apply Orthene PCO Pellets at 1.0% as a spot treatment to pantry 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.

### Wasp:

Apply Orthene PCO Pellets 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.

### Perimeter Treatment:

To control Cockroaches, Ants (including Imported Fire Ants), Pillbugs and Earwigs, apply Orthene PCO Pellets 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 there may be active or may find entrance. Also, apply as a residual spray or with a paintbrush to surfaces of buildings, window frames, shutters, entry ways, screens, eaves, patios, garages, carports, around garbage areas and other areas where these pests congregate. **Note:** When making Perimeter Treatments, only foraging ants will be controlled.

### Non-Food Areas:

Includes garbage rooms, lavatories, floor drains (to sewer or septic), equipment, as well as in storage areas, closets, sinks, cabinets, around windows, doors and water pipes. Spot treatment should also include undersides of drawers, shutters, entry ways, screens, eaves, patios, garages, carports, around garbage areas and other areas where these pests congregate. **Note:** When making Perimeter Treatments, only foraging ants will be controlled.

### 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 Pellets in nine (9) gals. of water. Apply one (1) gal. 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 Pellets 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.

**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 Pellets 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 undersides 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.

**Food 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 Food Areas of Food Handling Establishments, Other than as a Spot and/or Crack and Crevice Treatment are Not Permitted.**

### Storage and Disposal

**Prohibitions**

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

**Storage**

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in cool, dry place. Protect from excessive heat. Do not store or transport near feed or food. For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099.

**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.

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