

66330-355

9-13-2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:
66330-355

Date of Issuance:
SEP 13 2007

NOTICE OF PESTICIDE:
 Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:
Acephate PCO SP Insecticide

Name and Address of Registrant (include ZIP Code):
Arysta Lifescience North America Corporation
15401 Weston Parkway, Suite 150
Cary, NC 27513

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Decision (RED) for Acephate, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Generic data requirements that have been identified in the IRED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The labeling for the subject product submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided you make the label revisions listed below and submit one (1) copy of your final printed labeling incorporating the changes before you release the product for shipment. Products shipped after 12 months from the date of this Notice must bear the new revised label. A stamped copy of the label is enclosed for your records.

1. Revise the indoor general ant claim to read as follows: ants (except fire, harvester, carpenter and pharaoh). Only the mound treatment for fire ants and harvester ants is supported by the efficacy data.

Signature of Approving Official:

Date:

SEP 13 2007

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2. Either remove the reference to the use on cockroaches (page 4 under INDOOR USE) or reinstate cockroaches in the list of indoor insects as it appears on the previous label submitted for the product. As specified in the Agency's letter of May 20, 2005, the referenced efficacy data are supportive of the indoor use of this product as a spot or crack and crevice treatment for controlling cockroaches.

3. Clarify the first sentence under the OUTDOOR USE heading (page 5) so it is clear that the ants controlled as a non-mound treatment in the perimeter areas is limited to ants other than fire, harvester, carpenter and pharaoh and that the ant mound treatment in the perimeter areas exclude carpenter and pharaoh.

4. Add the following statement to the non-mound perimeter treatment directions: Do not use on residential turf.

5. Add "and harvester ant" to the turfgrass use restriction on page 6 ("This product may not be used ___."

6. Remove the following listed examples of methods of application from the spray drift management section (page 3) as such methods do not appear on the label: "e.g., ground, aerial, airblast, chemigation".

Confidential Statement of Formula (CSF)

Your revised basic CSF dated March 5, 2007 is acceptable, subject to the correction cited below and has been incorporated into our files for the subject product. It is understood that this CSF replaces all previously submitted CSFs for the product.

Provide your updated CSF reflecting the percentage of the active ingredient contained in the current registered source product.

**ACEPHATE PCO SP
INSECTICIDE**

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Low Odor

For Use Only By Professional Applicators

Not for use in areas where crops, timber, or other plants are being and/or will be grown for sale or other commercial use, or for commercial seed production, or for research purposes.

ACTIVE INGREDIENT: By Wt.
 Acephate (O,S-Dimethyl acetylphosphoramidothioate) 96%
 OTHER INGREDIENTS: 4%
 TOTAL: 100%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
Acephate is an organophosphate, cholinesterase inhibitor.	
IF SWALLOWED	<ul style="list-style-type: none"> • 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 do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF IN EYES	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
NOTE TO PHYSICIAN	
Acephate is a cholinesterase inhibitor. If signs of cholinesterase inhibition appear, atropine is antidotal. 2-PAM may also be used in conjunction with atropine but should not be used alone.	
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
EMERGENCY NUMBERS:	
FOR 24- HOUR EMERGENCY MEDICAL ASSISTANCE CALL: 1-866-303-6952	
FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300	

EPA Reg. No. 66330-355
Net Contents:

EPA Est. No. 51036-GA-1

Manufactured For:
 Arysta LifeScience North America Corporation
 15401 Weston Parkway, Suite 150
 Cary, NC 27513

ACCEPTED
 with COMENTS
 in EPA Letter Dated:
 SEP 13 2007
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 As amended, for the pesticide
 Registered under EPA Reg. No.
66330-355

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

CAUTION

Harmful if swallowed.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber and Viton. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators and other handlers using engineering controls must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical-resistant gloves for all mixers and loaders and for applicators using hand-held application equipment.

In addition, applicators using low-pressure hand-held wand application equipment must wear:

- A NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N, R, P, or HE filter.

See Engineering Controls for additional requirements.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENGINEERING CONTROLS

Water-soluble packets when used correctly qualify as a closed mixing/loading system under the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(4)]. Mixers and loaders using water-soluble packets must:

- wear the personal protective equipment required above for mixers/loaders, and
- be provided, must have immediately available and must use in an emergency, such as broken package, spill, or equipment breakdown the following PPE: coveralls, chemical-resistant footwear and NIOSH-approved respirator with any N, R, P, or HE filter.

This pesticide 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. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

This product and its degradate are highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NDPES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It 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

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

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.

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

Do not reuse outer container. Dispose of outer bag in a sanitary landfill or by incineration if allowed by state and local authorities.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions, (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

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For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-424-9300.

GENERAL INFORMATION: Use ACEPHATE PCO SP 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 except where otherwise indicated.

Desired Concentration Wt./Wt.	Gallons of Water per 1 Packet of Acephate PCO
1/2%	2.0
3/4%	1.5
1%	1.0

INDOOR USE:

Directions: Apply within Industrial, Institutional, and Commercial buildings including Restaurants, Warehouses, Stores, Hospitals, Hotels, Manufacturing Plants and Ships.

Ants, Crickets and Firebrats: Apply as a coarse, low pressure spot spray, crack and crevice spray or with a paint brush to localized areas where these pests are found or normally occur including corners of rooms and closets, along and behind baseboards, around and under sinks, dishwashers, washing 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 ACEPHATE PCO SP to reach its maximum effect on cockroaches.

Earwigs, Pillbugs and Sowbugs: 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 ACEPHATE PCO SP at 1.0% as a spot application 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.

For Application as Spot Treatment in the listed structures- 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 ACEPHATE PCO SP according to

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dilution chart. Apply as a spot treatment using coarse fan spray. 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.

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.

Non-Food Areas - Includes garbage rooms, lavatories, floor drains (to sewer entries), 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 sprays 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 sprays have dried.

NOTE: 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.

OUTDOOR USE:

Apply as an outdoor treatment for control of ants, including imported fire ants (in mounds within a treated perimeter, pillbugs (perimeter treatment), and earwigs (perimeter treatment).

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Perimeter Treatment: To control Ants (excluding fire, harvester, carpenter and pharaoh ants), Pillbugs, and Earwigs apply ACEPHATE PCO SP 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, entryways, screens, eaves, patios, garages, carports, around garbage areas and other areas where these pests congregate. Do not apply using low-pressure hand wand equipment.

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

Ants (excluding carpenter and pharaoh ants) in Mounds within a treated perimeter - 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 ACEPHATE PCO SP 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 ACEPHATE PCO SP 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.

USE RESTRICTIONS:

Not for use in feed processing areas in feed handling establishments.

Do not enter or allow others to enter until sprays have dried.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not apply to indoor residential sites. For use indoors at commercial, institutional, and industrial sites only.

This product may not be used on residential turfgrass areas with the exception of fire ant mound or spot treatment.

The use of low-pressure hand wand equipment for perimeter treatments is prohibited.

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CONDITIONS OF SALE

1. It is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America Corporation ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer.

2. Arysta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

3. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF ARYSTA IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN.

4. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF ARYSTA, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT ARYSTA'S ELECTION, THE REPLACEMENT OF THE PRODUCT.