

5481-531

5/23/2013

1/8



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 23, 2013

Ms. Kelly Rahn
Amvac Chemical Corporation
4695 MacArthur Court, Suite 1250
Newport Beach, CA 92660

Subject: Amended Reregistration Label
Product Name: ALCO Large Pest Strip
EPA Registration Number: 5481-531
EPA Decision Number: 393475

Dear Ms. Rahn:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the reregistration of the referenced product in connection with the Dichlorvos RED and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 10/31/2011

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Dana Pilitt, Ph.D. at (703) 305-7071 or via e-mail at pilitt.dana@epa.gov .

Sincerely,

Dana R. Pilitt
for Mark Suarez
Product Manager (13)
Insecticide Branch
Registration Division (7504P)

*Enclosures: Label stamped "Accepted", dated May 23, 2013
Acute Toxicity Reviews, dated October 8, 2008 and March 21, 2013
Product Chemistry Review, dated August 9, 2012*

5481-531



LARGE PEST STRIP

ACCEPTED
MAY 23 2013
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5481-531

3/8

*Alternate descriptive words that may be used for "strip" on this label are "unit" and/or "bar".

Kills Flying and Crawling Insect Pests as Listed. Long-Lasting, 'Round-the-Clock' Protection. Solid Strip Formula Kills Flies, Moths, Mosquitoes, Gnats, Cockroaches, Silverfish, Spiders and Other Insects as Listed.

For use in unoccupied areas; not for use in homes except garages, attics, crawl spaces, and sheds occupied by people for less than 4 hours per day. Also for use in boathouses, museum collections, animal buildings, and milk rooms, or enclosed areas thereof, occupied by people for less than 4 hours per day. For use in unoccupied areas such as trash dumpsters, catch basins, bulk raw grain bins, storage bins, enclosed utility boxes, and storage units. Also for use in non-perishable packaged and bagged and bulk stored processed and raw agricultural commodities (such as soybeans, corn, grains, cocoa beans and peanuts). Also for use in the following unoccupied structures, provided they are unoccupied for more than 4 months immediately following placement of a pest strip: vacation homes, cabins, mobile homes, boats, farm houses, and ranch houses.

"A Clothes Moth Killer" – "Use as a Moth Killer"

"A Fly Killer" – "Use as a Fly Killer"

(Optional or Alternate wording)

Controlled release (technology) ♦ Continuous (slow) release technology (action) ♦ Sustained release (technology) ♦ Moth Killer ♦ Kills Flying and Crawling Insects as listed ♦ Long-Lasting, Round-the-Clock Protection ♦ Convenient, Ready To Use ♦ Simply remove from package to begin controlling action ♦ Solid Unit Formula Kills Flies, Moths, Cockroaches, Silverfish, Spiders, and Other Insects as listed ♦ Unscented - No Unpleasant Odor ♦ Leaves No Odor ♦ Clean, Odorless, deep penetrating vapor (action) ♦ No-mess vapor technology ♦ Leaves no mess (residue) ♦ Kills Moths ♦ A Clothes Moth Killer ♦ Non-staining ♦ Will not damage natural or synthetic materials ♦ Use as a Moth Killer ♦ Keeps protecting (insects out) for up to 4 months ♦ Works up to 4 months ♦ Long term (enclosed) space protection ♦ Continuous (insect) protection for up to 4 months ♦ Keeps killing up to 4 months ♦ Lasts up to 4 months ♦ Kills up to 4 months ♦ One strip treats up to 1200 cu ft (A space 8'x 10' x 15') ♦ Just hang or stand up in garages - Sheds - Attics

How it works: The Alco Large Pest Strip utilizes controlled release technology to slowly diffuse a deep penetrating vapor in enclosed spaces for up to 4 months. The clean, odorless vapor is evenly distributed throughout the enclosed treatment area, killing visible and hidden insects on contact and preventing new insect infestations (while you're away).

ACTIVE INGREDIENT:

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate).....18.6%
Related Compounds.....1.4%

INERT INGREDIENTS:.....80.0%

Total 100.0%

This product contains the toxic inert ingredient Bis (2-ethylhexyl) adipate (DEHA) at 19.8%.

KEEP OUT OF REACH OF CHILDREN WARNING

See Back Panel for Additional Precautions/See Back for Additional Precautionary Statements
EPA Reg. No. 5481-531 EPA Est. No. 68643-GBR-001

Net Weight:

Two Sizes Available - See Chart for Space Treated with Each Size.
65 g (2.29 oz), 80 g (2.82 oz)

AMVAC Chemical Corporation
4100 East Washington Boulevard
Los Angeles, California 90023, USA
1-888-462-6822

4/8

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: May be fatal if swallowed. Do not get in mouth. Harmful if inhaled. Causes moderate eye irritation. Avoid breathing vapors. Avoid contact with eyes or clothing. After prolonged storage, a small amount of liquid may form on strip. Do not get liquid in eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Do not use in hospitals or clinic rooms, such as patient rooms, wards, nurseries, operating or emergency areas. Do not use in kitchens, restaurants or areas where food is prepared or served. Do not use in homes except for garages, attics, crawl spaces, and sheds occupied by people for less than 4 hours per day. Not to be taken internally by humans or animals.

FIRST AID	
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 by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
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.
NOTE TO PHYSICIAN	
<p>Probable mucosal damage may contraindicate the use of gastric lavage. POISONING SYMPTOMS: This product is a cholinesterase inhibitor. Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps. TREATMENT: Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, atropine sulfate should be injected at 10 minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. 2-PAM is also antidotal and may be administered in conjunction with atropine. Clear chest by postural drainage.</p>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p>FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:</p>	
<p>For Medical Emergencies phone:.....1-888-681-4261</p>	
<p>For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC.....1-800-424-9300</p>	
<p>For Product Use Information phone : AMVAC.....1-888-462-6822</p>	

Assembly Instructions for Non-Assembled Strip

1. Gently squeeze edges of holder to open ends of unit.
2. Press in bottom locking tabs to prevent strip from sliding out of holder.
3. Without damaging the strip inside, carefully cut open the envelope with scissors. Slide bar into the holder at the top.
4. Press in top locking tabs to secure strip inside holder.
5. To hang, attach metal hook through hold of unit.

STOP! READ ENTIRE LABEL BEFORE USE

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Remove pre-assembled ALCO Large Pest Strip from sealed bag when ready to use. Do not allow children to handle new or used strips. Place (*Hang*) in desired location away from windows and out of reach of children and pets. (*To apply strips to vertical surfaces, use the enclosed stickers*). Drafts, weather and other conditions may affect the performance, but treatment usually lasts for four (4) months. (*One ___g strip will treat ___ cu. ft.*) Record the date of installation and replace with a new, fresh, full-strength strip at the end of four (4) months or when effectiveness diminishes. Do not use in food/feed areas of food/feed processing or food/feed manufacturing or food/feed service establishments. Non-food/feed areas of these establishments where the product can be used are areas such as garbage rooms, lavatories, floor drains (to sewer) entries and

5/8

vestibules, areas of office buildings occupied for less than 4 hours per day, locker rooms, machine rooms, boiler rooms, utility equipment, garages, mop closets, and product storage (after canning or bottling). This product controls flies, gnats, mosquitoes, moths, silverfish, cockroaches, spiders, beetles, and earwigs and other insects as listed.

Only available in 65 gram and 80 gram pest strip sizes.

For use in unoccupied areas; not for use in homes except garages, attics, crawl spaces, and sheds occupied by people for less than 4 hours per day.

Also for use in bathhouses, museum collections, animal buildings, reptile houses, motor control rooms, and milk rooms, or enclosed areas thereof, occupied by people for less than 4 hours per day.

For use in unoccupied areas such as trash dumpsters, catch basins, bulk raw grain bins, storage bins, enclosed utility boxes, and storage units. Also for use in areas where non-perishable packaged and bagged and bulk stored processed and raw agricultural commodities (such as soybeans, corn, grains, cocoa beans and peanuts) are stored.

Also for use in the following unoccupied structures, provided they are unoccupied for more than 4 months immediately following placement of a pest strip: vacation homes, cabins, mobile homes, boats, farm houses, and ranch houses.

HOUSEHOLD, INDUSTRIAL, AND COMMERCIAL USES

Vacation Homes, Ranch Houses, Farm Houses, Cabins, Mobile Homes, Boats that are unoccupied for more than 4 months immediately following placement of pest strip.

Garages, Storage Units, Attics, Crawl Spaces, Bathhouses, Sheds, Museum Collections Occupied by People for Less than 4 Hours Per Day.

Controls flies, mosquitoes, gnats and other insects as listed.

Kills flies and other insects as listed for up to four (4) months. Remove from sealed bag and hang or stand, out of reach of children and pets, in an open space of an enclosed area, away from windows. Do not allow children to handle new or used strips. One (80) 65 g strip will treat 900 to 1200 cubic feet which is about equal to an average room 10' x 13' with an 8-foot ceiling for up to four (4) months. In a larger room, if more than one strip is required, keep them at least 10 feet apart. Record the date of installation so that the old strip may be replaced with a new, fresh, full-strength strip at the end of the four (4) month period or when effectiveness diminishes.

Trash Dumpsters

For control of flies in garbage dumpsters, attach the strip (*One strip treats 900 to 1200 cu. ft.*) inside dumpster. Keep lid on dumpster closed.

Animal Buildings Occupied by People for Less than 4 Hours Per Day

Controls flies, mosquitoes and gnats in horse barns, calf parlors, hog parlors, stables, poultry houses, tack rooms and dog kennels. Do not contaminate food, water or foodstuffs. DO NOT contaminate milk or milking equipment.

Milk Rooms Occupied by People for Less than 4 Hours Per Day

Controls flies, mosquitoes and gnats in milk rooms and bulk storage rooms. DO NOT contaminate milk or milking equipment.

Agricultural Commodities

Bulk storage of raw grains such as corn, soybeans, cocoa beans and peanuts. For control of stored product insects including Almond Moths, Cocoa Moths, Indian Meal Moths, and Mediterranean Flour Moths infesting non-perishable bulk-stored raw agricultural commodities. Calculate cubic feet of air space above the commodity to determine the number of strips required for treatment. Treat in early Spring before moths

6/8

begin to emerge. Replace strip when needed to prevent egg laying by moths. Hang strips so as not to impede air circulation. When multiple strips are required, distribute them uniformly over the treated space.

Catch Basins

To control mosquitoes breeding in catch basin, suspend one (80) 65 g strip about ten inches above water level. Usual control lasts 10 to 15 weeks.

Enclosed Utility Boxes

To control Fire Ants, Wasps and other insects as listed which commonly infest utility enclosures, cabinets conduits, junctions boxes, and enclosed electrical panels. Remove from sealed bag and hang or stand so air can contact all sides of the strip. One strip treats 900 to 1200 cubic feet. Record installation date and replace when effectiveness diminishes.

Reptile Houses Occupied by People for Less than 4 Hours Per Day

For control of mites on reptiles. **In Reptile Houses:** Hang appropriate number of (80) 65 g strips per 1,000 cu. ft. for the space to be treated. Do not over treat.

How much space will one strip treat?

Strip Size	Treats	Approx. Equivalent to Area Measuring
65 grams	900 to 1,200 cu. ft.	8' x 10' x 11' = 880 cu. ft.
80 grams	900 to 1,200 cu. ft.	8' x 10' x 15' = 1200 cu. ft.

Always use the appropriate size and number of strips for the space being treated. If more than one is required, distribute them over the space equally.

HOUSEHOLD USES

Attics, Garages, Sheds, and Enclosed Crawl Spaces Occupied by People for Less than 4 Hours Per Day

Kills flies and other insects as listed for up to four (4) months. Remove from sealed bag and hang or stand, out of reach of children and pets, in an open space of an enclosed area, away from windows. Do not allow children to handle new or used strips. One (80) 65 g strip will treat 900 to 1200 cubic feet which is about equal to an average room 10' x 13' with an 8-foot ceiling for up to four (4) months. In a larger room, if more than one strip is required, keep them at least 10 feet apart. Record the date of installation so that the old strip may be replaced with a new, fresh, full-strength strip at the end of the four (4) month period or when effectiveness diminishes.

STORAGE AND DISPOSAL

Storage: Do not contaminate water, food or feed by storage or disposal. Do not open or remove from package before ready to install. Store in a cool dry place.

Foil Pouch

Do not open or remove from package before ready to use. **Disposal: If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

Outer Container

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or dispose of the empty container in trash.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED

7/8

WARRANTIES OF MERCHANTABILITY, ABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT, SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

Proposition 65: Warning: This product contains a chemical known to the State of California to cause cancer. [OPTIONAL FOR USE IN CALIFORNIA]

AMVAC Chemical Corporation
4100 E. Washington Boulevard
Los Angeles, CA 90023 U.S.A.
1-888-462-6822

MARKETING CLAIMS:

How it works: The Alco Large Pest Strip utilizes controlled release technology to slowly diffuse a deep penetrating vapor in enclosed spaces for up to 4 months. The clean, odorless vapor is evenly distributed throughout the enclosed treatment area, killing visible and hidden insects on contact and preventing new insect infestations (while you're away).

Controlled release (technology) • Continuous (slow) release technology (action) • Sustained release (technology)

Kills flying and crawling insects as listed • Leaves No Odor • Clean, Odorless, deep penetrating vapor (action) • No-mess vapor technology • Leaves no mess (residue) • Non-staining • Will not damage natural or synthetic materials • Lasts up to four (4) months • Keeps protecting (insects out) for up to 4 months • Works up to 4 months • Long term (enclosed) space protection • Continuous (insect) protection for up to 4 months.

(Just) Hang or stand up in: Garages, Crawl Spaces, Storage Units, Sheds, Attics and more (others)*

*See back for details

PRODUCT FACTS

What It Does:

Kills Flying and Crawling Insects including: Flies, Gnats, Mosquitoes, Moths, Silverfish, Cockroaches, Spiders, Beetles, Earwigs and other listed insects.

Where to Use:

Garages, Storage Units, Crawl Spaces

Questions & Comments:

Call [telephone number] or visit our website at [web address]

STOP! READ ENTIRE LABEL BEFORE USE.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Remove pre-assembled (product name) from sealed bag when ready to use. Place in desired location away from windows and out of reach of children and pets. Drafts, weather and other conditions may affect the performance, but treatment usually lasts for four (4) months. One (80) 65 g strip will treat 900-1200 cu. ft. Record the date of installation and replace with a new, fresh, full strength strip at the end of four (4) months or when effectiveness diminishes. Do not use in the food/feed areas of food/feed processing or food/feed manufacturing or food/feed service establishments. Non-food/feed areas of these establishments where the product can be used are areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, areas of office buildings occupied for less than 4 hours per day, locker rooms, machine rooms, boiler rooms, garages, mop closets, and product storage (after canning or bottling). This product controls flies, gnats, mosquitoes, moths, silverfish, cockroaches, spiders, beetles, earwigs, and other insects as listed.

WHERE TO USE

FOR USE IN THE FOLLOWING:

VACATION HOMES, RANCH HOUSES, FARM HOUSES, CABINS, MOBILE HOMES, BOATS THAT ARE UNOCCUPIED FOR MORE THAN 4 MONTHS IMMEDIATELY FOLLOWING PLACEMENT OF PEST STRIP.

GARAGES, STORAGE UNITS, ATTICS, CRAWL SPACES, BOATHOUSES, SHEDS, MUSEUM COLLECTIONS OCCUPIED BY PEOPLE FOR LESS THAN 4 HOURS PER DAY.

Controls flies, mosquitoes, gnats and other insects as listed.

TRASH DUMPSTERS

For control of flies in dumpsters, attach appropriate sized strip (One (80) 65 g strip treats 900-1200 cu. ft.) inside dumpster. Keep lid on dumpster closed.

ATTICS, GARAGES, SHEDS, AND CRAWL SPACES OCCUPIED BY PEOPLE FOR LESS THAN 4 HOURS PER DAY

FOR USE AS A FLY KILLER

Kills flies and other insects as listed for up to four (4) months. Remove from sealed bag and hang or stand, out of reach of children and pets, in an open space of an enclosed area, away from windows. One (80) 65 g strip will treat 900-1200 cu. ft. which is about equal to an average room 10' x 13' with an 8-foot ceiling for up to four (4) months. In a larger room if more than one strip is required, keep them at least 10 feet apart. Record the date of installation so that the old strip may be replaced with a new, fresh, full strength strip at the end of the four (4) month period or when effectiveness diminishes.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

GUARANTEED RESULTS OR YOUR MONEY BACK

If you are not satisfied with this product for any reason, send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.

8/8