

5481-482

5/9/2013

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MAY - 9 2013

Name Ms. Kaila Moran
Regulatory Consultant
Company Amvac Chemical Corporation
Address 4695 MacArthur Court, Suite 1250
Newport Beach, CA 92660

Subject: Notification: Minor label revisions
Updated Emergency Information
Revised Storage and Disposal statement per PR Notice 2007-4
Fly Killer D
EPA Registration Number 5481-482

Dear Ms. Moran:

The Agency is in receipt of your application dated March 26, 2013 for Pesticide Notification under Pesticide Registration Notices (PRN) 98-10 and 2007-4 for the product Fly Killer D. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR 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 nonrefillable containers. The code may appear on the label or durably marked on the container itself.

In future, make sure that all changes made to the label are mentioned in the cover letter. If you have any questions, please call me directly at 703-308-8291.

Sincerely,

Rita Kumar

Rita Kumar
Senior Regulatory Specialist
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs
E-mail: kumar.rita@epa.gov



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 5481-482	2. EPA Product Manager	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Fly Killer D	PM#	
5. Name and Address of Applicant (Include Zip Code) Amvac Chemical Corporation 4695 MacArthur Court, Suite 1250 Newport Beach, CA 92660 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below	<input type="checkbox"/> Other - Explain below

NOTIFICATION
MAY - 9 2013

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
 Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wt. No. per container	If "Yes" Package wt. No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 30 Gallon Drum	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithographed <input checked="" type="checkbox"/> Paper glued		<input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Kaila Moran	Title Regulatory Consultant	Telephone No. (Include Area Code) (562)-607-2146
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		8. Date Application Received (Stamped)
2. Signature <i>Kaila Moran</i>	3. Title Regulatory Consultant	
4. Typed Name Kaila Moran	5. Date 26-Mar-2013	

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RESTRICTED USE PESTICIDE

DUE TO EYE AND SKIN CORROSIVITY HAZARD

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicators Certification.

FLY KILLER D

Contains DIBROM[®] Naled Insecticide

CONTROLS FLIES, MOSQUITOES, GNATS, AND DROSOPHILA

FOR USE ONLY IN COMMERCIAL PEST CONTROL AND PUBLIC HEALTH OR PEST ABATEMENT PROGRAMS. NOT FOR USE IN AND AROUND THE HOME BY HOMEOWNERS OR PEST CONTROL OPERATORS.

ACTIVE INGREDIENT:

Naled (1,2-dibromo-2,2-dichloroethyl dimethyl phosphate).....36.0%

INERT INGREDIENTS:64.0%

TOTAL:100.0%

Aromatic Petroleum Derivative Solvent (49%)

Contains 3.5 pounds active ingredient per gallon.

Contains petroleum distillates.

NOTIFICATION
MAY - 9 2013

KEEP OUT OF REACH OF CHILDREN
DANGER / PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
Organophosphate	
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 swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so 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 an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.

EMERGENCY INFORMATION

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:

For Medical Emergencies phone:.....1-888-681-4261

For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC.....1-800-424-9300

For Product Use Information phone : AMVAC.....1-888-462-6822

NOTE TO PHYSICIAN

Naled is an organophosphate cholinesterase inhibitor. Contains petroleum distillates. Measurement of blood cholinesterase activity may be useful in monitoring exposure. If signs of cholinesterase inhibition appear, atropine sulfate is antidotal. 2-PAM (Protopam) is also antidotal and may be used in conjunction with atropine, but should not be used alone. Probable mucosal damage may contraindicate the use of gastric lavage. May pose an aspiration pneumonia hazard.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

EPA Reg. No. 5481-482

EPA Est. No. 5481-CA-1



4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A
1-888-462-6822

Net Contents:
As Marked on Container

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. Causes skin burns. May be fatal if swallowed. Harmful if inhaled or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are Barrier laminate, Butyl Rubber, Nitrile Rubber, and Viton.

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

- Protective eyewear (goggles, face shield, or safety glasses)
- Long-sleeved shirt and long pants
- Chemical resistant gloves (barrier laminate, butyl rubber, nitrile rubber, or viton, selection category E)
- Socks plus shoes

See engineering controls for additional requirements.

Mixers, loaders, applicators and other handlers engaged in those handler activities for which use of an engineering control is not possible, such as cleaning up a spill or leak and cleaning or repairing contaminated equipment, must wear:

- Protective eyewear (goggles, face shield, or safety glasses)
- Coveralls over long-sleeve shirt and long pants
- Chemical-resistant gloves
- Chemical-resistant footwear plus socks
- Chemical-resistant apron if exposed to the concentrate
- Chemical-resistant headgear for overhead exposure
- A respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23G), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, and HE prefilter.

USER SAFETY REQUIREMENTS

Users should:

- 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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENGINEERING CONTROLS

Mixers and loaders supporting aerial or ground applications must use a closed system designed by the manufacturer to enclose the pesticide to prevent it from contacting handler or other people *AND* the system must be functioning properly and must be used and maintained in accordance with the manufacturer's written operating instructions. The system must be capable of removing the pesticide from the shipping container and transferring it into mixing tanks and/or application equipment. At any disconnect point, the system must be equipped with a dry disconnect or dry couple shut-off device that is warranted by the manufacturer to minimize drippage to not more than 2 mL per disconnect point.

In addition, mixers and loaders must:

- Wear the personal protective equipment required above for mixers/loaders,

- Have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown, the PPE specified above for handlers engaged in those activities for which use of an engineering control is not possible
- If the system operates under pressure, protective eyewear must be worn

Pilots must use an enclosed cockpit and must wear the PPE specified above for applicators using engineering controls. When entering or leaving an aircraft contaminated by pesticide residues, pilots must wear chemical-resistant gloves of the type specified in the PPE section of this label, and must store used gloves in a closed, chemical-resistant container inside the cockpit.

Applicators using motorized ground-equipment must use an enclosed cab with a nonporous barrier that totally surrounds the occupant and prevents contact with pesticides outside the cab. The cab must either have a properly functioning ventilation system that is used and maintained according to the manufacturer's written operating instructions or the occupant must wear a respirator as specified in the PPE above.

In addition, applicators must:

- Wear the personal protective equipment required in the PPE section of this labeling for applicators
- Be provided and have immediately available for use in case of an emergency when they must exit the cab, the PPE specified in the PPE section of this labeling for handlers engaged in those activities for which use of an engineering control is not possible.
- Take off any PPE that was worn in the treated area before reentering the cab
- Store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and wildlife. Before making the first application in a season, consult with the primary State agency responsible for regulating the use of pesticides to determine if permits are required or regulatory mandates exist. Do not apply over water (e.g., lakes, swamps, rivers, permanent streams, natural ponds, marshes or estuaries), except to target areas where mosquitoes may rest. Do not apply within 8 hours following rainfall or irrigation, or in areas where intense or sustained rainfall is forecasted to occur within 24 hours following application.

Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body. Do not contaminate water when disposing of equipment washwaters or rinsate.

This product is 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 visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or the tribe during a natural disaster recovery effort. To minimize hazard to

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bees, avoid applying more than two hours after sunrise or two hours before sunset, limiting application to times when bees are least active.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE. Keep out of reach of children. Do not use or store near heat, open flame, sparks or hot surfaces. Use only in well ventilated area. Keep container closed. Clean up spills immediately. Liquid evaporates and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 85°F. Do not heat this container. Replace cap or bung. Emptied container still contains hazardous or explosive vapor or liquid. May corrode metal spray equipment. Wash equipment thoroughly after use.

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.

TANK MIXES

NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the 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.

FLY KILLER D IS FOR USE ONLY BY TRAINED PERSONNEL IN AGRICULTURE, COMMERCIAL, PEST CONTROL AND PUBLIC HEALTH OR PEST ABATEMENT PROGRAMS. NOT FOR HOMEOWNER USE.

APPLICATION EQUIPMENT: Aerial application must be made with closed cockpit aircraft.

USE RESTRICTIONS

Do not use in edible product areas of food processing plants, restaurants, or other areas where food is prepared or processed commercially. Do not use in serving areas while food is exposed. 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 treatment area during application.

DIRECTIONS

AS A SPACE SPRAY FOR CONTROL OF HOUSE FLIES, LITTLE HOUSE FLIES, MOSQUITOES, GNATS AND FRUIT FLIES (DROSOPHILA SPECIES) IN AND AROUND DAIRY BARN, LIVESTOCK BARN, PIG PENS, POULTRY HOUSES, FEED LOTS, CATTLE PENS, GARBAGE DUMPS, OUTSIDE MEAT PACKING ESTABLISHMENTS (INCLUDING FEDERALLY INSPECTED), PENS, DOCKS, RAMPS, DISPOSAL AREAS AND CIDER MILLS: Use 5 teaspoonfuls of Fly Killer D in 1 gallons water (2 fl. oz. in 2½ gallons (0.06 lbs. a.i.) or 2 pts. in 40 gallons) and direct the spray throughout the fly infested area such as dairy and stock barns, spraying around and above animals but not directly at animals. Repeat as necessary. Do not use inside dwellings or in milk processing rooms. **For increased residual control,** concentrate spray application to walls, beams, rafters and around windows, doorways and other fly resting areas. Add ½ lb. sugar or ½ pt. Karo® syrup in 40 gallons of water for best results.

FRUIT FLIES (DROSOPHILA SPP.) IN AND AROUND FOOD PROCESSING PLANTS, LOADING DOCKS, CULL PILES AND REFUSE AREAS AND CIDER MILLS: Use 2 fl. oz. (0.06 lbs. a.i.) in 2½ gallons water (5 pts. in 100 gallons). Apply as a coarse spray to walls, floors, doorways, windows, refuse and cull piles. Apply every 5 to 7 days as long as necessary to maintain control. Do not apply to cull fruit or refuse piles to be fed to livestock. Avoid contamination of feeds, foodstuffs and food processing machinery. Do not

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apply when plants are in operation or when foods are present or exposed. Do not spray surfaces which will come into contact with foods. Cover food containers during spraying periods.

Use in areas where food is processed or prepared is prohibited.

ADULT MOSQUITOES, GNATS, AND HOUSE FLY CONTROL - FEED LOTS INCLUDING

DAIRY CATTLE: For use only by personnel trained in commercial pest control, public health or pest abatement programs. It is not necessary to avoid farm buildings and dairy barns. Time application for peak infestation and repeat as necessary. **AIRCRAFT APPLICATIONS:** Use 5 teaspoonfuls of Fly Killer D in 1 gallon water or 2 fl. oz. (0.06 lbs a.i.) in 2½ gallons to give 1 to 2 ½ gallons diluted spray per acre. **MIST BLOWER APPLICATION:** Use 1½ gallons of Fly Killer D in 100 gals. water. Calibrate equipment (rate of travel and output) to apply 0.1 lb. a.i./A. Treat shrubbery and vegetation where mosquitoes may rest. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shore lines may be treated. Direct application to water is prohibited. Allow a minimum of 7 days before retreatment unless monitoring demonstrates that mosquitos have re-infested the area.

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

ADULT MOSQUITOES, GNATS, AND HOUSE FLY CONTROL – PASTURES, WOODLANDS,

SWAMPS: For use oly by personnel trained in commercial pest control, public health or pest abatement programs. Time application for peak infestation and repeat as necessary. **AIRCRAFT APPLICATIONS:** Use 2 fl. oz. (0.06 lbs a.i.) in 2½ gallons per acre. **MIST BLOWER APPLICATION:** Use 1½ gallons of Fly Killer D in 100 gals. water. Calibrate equipment (rate of travel and output) to apply 0.1 lb. a.i./A. Treat shrubbery and vegetation where mosquitoes may rest. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shore lines may be treated. Direct application to water is prohibited. Allow a minimum of 7 days before retreatment. Grazing of lactating dairy cattle on treated areas is prohibited.

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not store diluted spray. Make new dilution for each use. Store in cool, dry place. For help with any spill, leak, fire or exposure involving this material, call day or night Chemtrec at 1-800-424-9300.

PESTICIDE DISPOSAL: This product is acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Handling:

Returnable Container. Nonrefillable container. Do not reuse or refill this container. This container is a dedicated, single-product returnable container. Return empty container to seller at location designated by seller as a collection point. Do not break seals, add anything to container or open container after use. Do not rinse or contaminate empty container. Do not dispose of untampered empty container or use it for any other purposes. Any evidence of broken seals or other tampering or adding anything to the container renders it unfit for return. In such case, it is the obligation of the holder of the container to dispose of it properly or offer for recycling, if available.

It is required that this product be used in a CLOSED SYSTEM. This container may require a tank adapter. For questions regarding tank adapters, call AMVAC Customer Service at 1-888-462-6822 (1-888-GO-AMVAC).

LIMITED WARRANTY AND DISCLAIMER

