

11930-10

7/1/2010

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

11930-10

Date of Issuance:

JUL - 1 2010

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Pyrifos One Mist ULV E.C.

Name and Address of Registrant (include ZIP Code):

Gil Manufacturing Co., Inc.
P.O. Box 242725
Montgomery, AL 36124

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 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.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5), provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Continued on page 2

Signature of Approving Official:

Venus Eagle, Product Manager 01
Insecticide-Rodenticide Branch, Registration Division (7505P)

Date:

JUL - 1 2010

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3. Make the following label changes before you release the product for shipment:
- a. Revise the EPA Reg. No. so it reads, "EPA Reg. No. 11930-10."
 - b. On page 1, revise the Hazards to Humans and Domestic Animals to read, "CAUTION: Harmful if swallowed. Avoid contact with skin or clothing. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet."
 - c. On page 2, under the Directions for use, replace the word "recommended" with "allowed" so the first sentence of the second paragraph reads, "Pyrifos One Mist ULV E.C. is formulated and allowed either as a thermal fog or as an ultra low volume (ULV) nonthermal aerosol (cold fog) to control adult mosquitoes in outdoor residential and recreational areas and other non-cropland areas where these insects are a problem."
 - d. On page 2, under the Ground Application directions for ULV nonthermal aerosol (cold fog) application, correct the product name to read "Pyrifos One Mist ULV E.C."
 - e. 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. This information can be added by non-notification per PR Notice 98-10.
4. For future submissions, make the following changes to your Confidential Statement of Formulation (EPA Form 8570-4):
- a. Box 4: Revise the EPA Reg. No. so it reads, "EPA Reg. No. 11930-10."

If these conditions are 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 these conditions. A stamped copy of the label is enclosed for your records. If you have any questions, please contact Julie Chao at 703-308-8735 or chao.julie@epa.gov.

Venus Eagle, Product Manager 01
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure

Pyrifos One Mist ULV E.C.

For Use Outdoors to Control Adult Mosquitoes in Residential and Recreational, and other Noncropland Areas. For application only by Federal, State, Tribal, or local government officials responsible for public health vector control, or by persons certified in the appropriate category or otherwise- authorized by the state or tribal lead pesticide' regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision. An emulsifiable concentrate used to control adult mosquitoes as a ULV spray.

<p>ACCEPTED With COMMENTS In EPA Letter Dated:</p> <p>JUL - 1 2010</p>	<p>Active Ingredient: Chlorpyrifos; [O,O-diethyl 0-(3,5,6,-trichloro-2-pyridyl) phosphorothioate].... 13.624% Other Ingredients 86.376% Total 100.00%</p> <p>(*Contains petroleum distillate - Contains 1 pounds chlorpyrifos per gallon)</p>
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Under the Federal Insecticide, Fungicide and Rodenticide Act, As amended, for the pesticide Registered under EPA Reg. No.

CAUTION
KEEP OUT OF REACH OF CHILDREN

11930-10

EPA Reg. No. 11930-10 - EPA Est. No. 62788-AL-1

FIRST AID

Have product container or label with you when calling a poison control center or doctor, or going for treatment. For Medical Emergencies call the International Poison Control Center at 1-800-214-7753.

IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the Person. Do not give anything by mouth to an unconscious person.

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. Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing; Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

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 the eye. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine. This product contains petroleum distillate. Vomiting may cause aspiration pneumonia.

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 call 1-800-858-7378 for emergency medical treatment advice.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be fatal if swallowed. Causes substantial but temporary eye injury. Harmful if absorbed through the skin or inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long sleeved shirt and long pants, socks, shoes, goggles, or face shield and chemical resistant gloves, (such as made out of barrier, laminate Viton, selection category G).

***PERSONAL PROTECTIVE EQUIPMENT (PPE):** All mixers, and loaders, involved in ground application must wear coveralls over long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves, (such as made out of barrier, laminate Viton, selection category G) and a NIOSH approved dust mist filtering respirator with MSHA / NIOSH approval number prefix TC-21C or a NIOSH approved respirator with any R,F, or HE filter. Applicators involved in ground ULV application must use an enclosed cab as described in the Engineering Controls section of this label and must wear long sleeved shirt and long pants, shoes plus socks, and chemical resistant gloves. Aerial applicators and pilots must use an enclosed cockpit and wear long-sleeved shirt, long pants, shoes and socks.

ENGINEERING CONTROLS : Ground applicators must use an enclosed cab that has a nonporous barrier that totally surrounds the occupants and prevents contact with pesticides outside the cab. Applicators must be provided and have immediately available for use in an emergency when they must exit the cab in the treated area; coveralls, chemical -resistant gloves and a respirator of the type specified in the PPE section of this labeling. Take off any PPE that was worn in the treated area before reentering the cab and store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.

Mixers and loaders involved in aerial application must use a closed system designed by the manufacturer to enclose the pesticide to prevent it from contacting handlers or other people and which is used and maintained in accordance with the manufacturer's written operating instructions. Mixers and loaders using a closed system must wear protective eyewear if the system operates under pressure, and must have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown; coveralls, chemical resistant gloves, chemical resistant footwear, chemical resistant apron and a respirator of the type specified in the PPE section on this labeling.

User safety 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 separate 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.

USER SAFETY RECOMMENDATIONS: Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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.09-24-09.

NET CONTENTS: 55 Gallons

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ENVIRONMENTAL HAZARDS

This pesticide is toxic, to fish, aquatic invertebrates, small mammals and birds. 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 beyond the body of water in order to minimize incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

BEE WARNING: This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if 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 Tribe during a natural disaster recovery effort.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For use only by Federal, State, Tribal, or local government officials responsible for public health vector control, or by persons certified in the appropriate category or otherwise- authorized by the State or Tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision. An emulsifiable concentrate used to control adult mosquitoes as a ULV spray. Before making the first application in a season, it is advisable to consult with the State or Tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

PYRIFOS ONE MIST ULV E.C. is formulated and recommended either as a thermal fog or as an ultra low volume (ULV) nonthermal aerosol (cold fog) to control adult mosquitoes in outdoor residential and recreational areas and other non-cropland areas where these insects are a problem. For best results treat when mosquitoes are most active and weather conditions are conducive to keeping the spray cloud close to the ground. An inversion of air temperatures and a light breeze are preferable. Application in calm air conditions is to be avoided. Apply only when ground wind speed is greater than 1 m.p.h.. Air temperatures should be greater than 50°F when conducting applications.

This product may be applied undiluted or diluted with a suitable diluent such as a high grade mineral oil or water and applied accordingly by air or ground as long as the maximum rate of active ingredient per acre does not exceed 0.01 pound. Do not treat a site with more than 0.01 pound of chlorpyrifos per acre in a twenty-four hour period. Do not exceed 0.26 pounds of chlorpyrifos per acre, per year. More frequent applications may be 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 tribe during a natural disaster recovery effort.

Do not contaminate food or feed products. Do not allow spray treatment to drift onto pastureland, cropland, poultry ranges, or potable water supplies. Do not use on crops for food, forage or pasture. In treatment of corrals, feed lots, swine lots, and zoos, cover any exposed drinking water, spraying water fountains and animal feed before application.

SPRAY DROPLET SIZE DETERMINATION

Ground-based Application: For application as an ultra low volume (ULV) nonthermal aerosol (cold fog), spray equipment must be adjusted so that the volume median diameter (VMD) is between 8 and 30 microns ($8 \leq D_v \leq 30$ microns) and that 90% of the spray is contained in droplets smaller than 50 microns ($D_v 0.9 < 50$ microns). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

AERIAL APPLICATION: Spray equipment must be adjusted so that the volume median diameter produced is less than 60 microns ($D_v 0.5 < 60$ microns) and that 90% of the spray is contained in droplets smaller than 115 microns ($D_v 0.9 < 115$ microns). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

GROUND APPLICATION

Thermal Fog Application: To prepare a fog solution, thoroughly mix 9 gallons of **PYRIFOS ONE MIST ULV E.C.** in 91 gallons of No.2 fuel oil or other fuel, diesel or kerosene-type oil or water suitable for insecticide and fogging use. Apply the finished fog solution with any standard thermal fog machine calibrated to deliver 52.5 gallons per hour at an average vehicle speed of 5 mph to cover a swath of up to 300 feet.

ULV Nonthermal Aerosol (Cold Fog) Application: Apply **ONE PYRIFOS MIST ULV E.C.** through standard ULV cold aerosol or non-thermal aerosol (Cold Fog) generators undiluted at a flow rate of 3.88 to 7.75 fluid ounces per minute at an average vehicle speed of 10 mph. This is equivalent to 0.005 to 0.01 pounds of chlorpyrifos per acre based on an effective swath width of 300 feet. Under normal residential conditions a flow rate of 4.3 fluid ounces is recommended. If a different vehicle speed is used, adjust rate accordingly. An accurate flow meter must be used to ensure the proper flow rate.

Apply **PYRIFOS ONE MIST ULV E.C.** undiluted

Chlorpyrifos lbs. a.i. per acre	Application Rate (Fl. oz.'s. per minute)				Fl. oz. per acre
	5mph	10mph	15 mph	20 mph	
0.010	3.87	7.75	11.60	15.50	1.28
0.0055	2.15	4.30	6.50	8.60	0.71
0.0050	1.94	3.88	5.82	7.76	0.64

For proper application, mount the applicator so that the nozzle is at least 4½ feet above ground level and directed out the back of the vehicle. Failure to follow the above directions may result in reduced effectiveness and oversized spray droplets, which may deposit on and permanently damage automobile paint.

Dilute 1 part **PYRIFOS ONE MIST ULV E.C.** to 1 part water.

Chlorpyrifos pounds per acre	Application Rate (Fl. oz. per minute)				Fl. oz. per acre
	5mph	10mph	15 mph	20 mph	
0.010	17.20	36.00	54.00	72.00	5.70
0.005	9.00	16.00	24.00	32.00	2.64

AERIAL APPLICATION

PYRIFOS ONE MIST ULV E.C. may be applied undiluted at rates up to 1.28 fluid ounces per acre (equal to 0.01 pound of chlorpyrifos per acre) by fixed wing or rotary aircraft equipped with suitable ULV application equipment. Aerial application shall be made at altitudes ranging from 75 to 300 feet.

IN FLORIDA: Not for serial application in Florida unless specifically authorized by the Bureau of Entomology Florida Department of Agriculture & Consumer Services. 10-08-09.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Store product in its original labeled container in a cool, dry, locked place designated for such insecticides and out of reach of children. Do not expose to extreme temperatures. In case of spillage, soak up with absorbent material such as sawdust, or fullers earth; sweep up and place in a labeled container and dispose of as follows. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved wastes disposal facility. **CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for reconditioning if appropriate. Clean container promptly after emptying. (Metal) ***Triple rinse** or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other approved State and local procedures. (Plastic) ***Triple rinse** or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. ***Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment. 10-08-09.

PRODUCT BATCH CODE NO. _____

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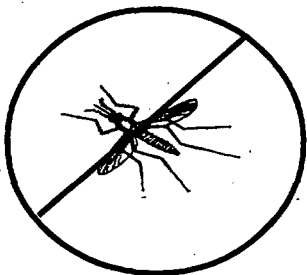
Pyrifos One Mist ULV E.C.

Product Warranty Statement

"Read the entire Directions for Use, Conditions, Disclaimer or Warranties, and limitations of Liability before using this product. Disclaimer of Warranties and limitations of Liabilities. CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use of application, all of which are beyond the control of GIL Mfg. Co. Inc. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES:

To the extent consistent with applicable law, there are no warranties, express or implied, of merchantability or of fitness for a particular use, or otherwise, which extend beyond the statements made on this label. No agent of GIL Mfg., Inc. is authorized to make any warranties beyond those contained herein. To the extent consistent with applicable law, GIL Mfg., Inc. disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product, whether in contract warranty, tort, negligence, strict liability or otherwise shall not exceed the purchase price, or at GIL Mfg., Inc.'s option, the replacement of the product.



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