

70907-18

08/25/2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
1200 Pennsylvania Ave., NW  
Washington, D.C. 20460

EPA Reg.  
Number:

70907-18

Date of Issuance:

8/25/2000

Term of Issuance:

Conditional

Name of Pesticide Product:

Chlorpyrifos  
4 Manufacturing  
Concentrate

## NOTICE OF PESTICIDE:

Registration  
 Reregistration .

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

GHARDA USA Inc.  
115 Obtuse Hill  
Brookfield, CT 06804

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 (FIFRA).

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 conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you:

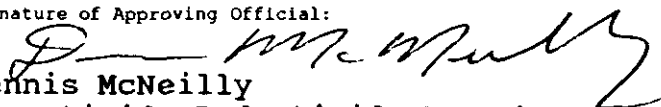
1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA Section 4.

2. Make the following label changes before you release the product for shipment:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 70907-18."
- b. The Pesticide Disposal statement in the Storage and Disposal box on page five must be revised to read: "Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility."
- c. In the "Storage and Disposal" section, add blank lines between each subsection (e.g., storage, pesticide disposal) to make the section easier to read.

3. Submit one copy of the revised final printed label before releasing the product for shipment.

Signature of Approving Official:

  
Dennis McNeilly  
Insecticide-Rodenticide Branch

Date

August 25, 2000

A stamped copy of the label is enclosed for your records.

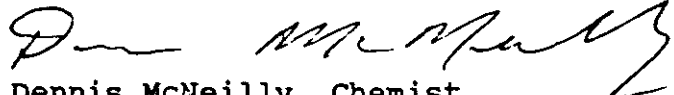
As requested in your letter of July 12, 2000, the conditions of the June 2000 Memorandum of Agreement between the Environmental Protection Agency and the signatory registrants regarding the registration of the pesticide products containing Chlorpyrifos are accepted by the Agency as conditions of the subject registration.

Failure to comply with any of the conditions of registration set forth in Paragraph 10 the MOA shall be grounds for cancellation of the affected registration(s) under FIFRA section 6(e).

If the conditions enumerated above 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. Please contact me on (703) 308-6742 if you have questions regarding this registration.

Sincerely,

  
Dennis McNeilly, Chemist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure 1) Stamped Label

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# CHLORPYRIFOS 4 MANUFACTURING CONCENTRATE

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

AN INSECTICIDE FOR FORMULATING USE ONLY

AUG 25 2000  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.

Low Odor Formula

70907-18

Active Ingredient:

Chlorpyrifos:

O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate.....45.0%

Inert Ingredients:.....55.0%

Total.....100.0%

Contains petroleum distillate

Contains 4 pounds of Chlorpyrifos per gallon.

KEEP OUT OF REACH OF CHILDREN

## WARNING

Statement of Practical Treatment

If Swallowed: Call a physician or Poison Control Center immediately. Do not induce vomiting.

Contains aromatic petroleum solvent. Do not give anything by mouth to an unconscious person.

If in eyes: Flush with plenty of water for at least 15 minutes. Get medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention.

If inhaled: Remove to fresh air if symptoms of cholinesterase inhibition appear. Get medical attention immediately.

Note to physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidote immediately after establishing an open airway and respiration.

See side panel for additional precautionary statements.

Gharda USA, Inc.  
Brookfield, CT 06804

Registration No.:70907-(to be assigned) -RI  
EPA Establishment No. 70907-X  
Net Contents 55 gallons

**PRECAUTIONARY STATEMENTS**  
Hazards to Humans and Domestic Animals

**WARNING**

May Be Fatal If Swallowed. Harmful If Absorbed Through Skin. Causes Moderate Eye and Skin Irritation. Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals.

Avoid breathing vapor or spray mist. Do not get in eyes, on skin, or on clothing.

**Environmental Hazards**

This pesticide is toxic to birds and wildlife, and extremely toxic to fish and aquatic organisms. 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 (NPDES) 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 authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**Physical or Chemical Hazards**

Do not use or store near heat or open flame. Do not cut or weld container.

**STORAGE AND DISPOSAL**

**Storage:** Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. Do not store above 100°F for extended periods of time. Storage below 20°F may result in formation of crystals. If product crystallizes, store at 50 to 70°F and agitate to redissolve crystals. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

**Pesticide Disposal:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are toxic. 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 Disposal for Refillable Containers:** Replace the dry disconnect cap, if applicable, and seal all openings which have been opened during use

**Container Disposal for Non-Refillable Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

or

Triple rinse (or equivalent). Then puncture and dispose in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**FOR MANUFACTURING USE ONLY**

CHLORPYRIFOS 4 MANUFACTURING CONCENTRATE may be used only for formulation into other manufacturing use products or end use products for uses accepted by the United States Environmental Protection Agency. Because of their properties and intended uses, insecticidal formulations containing CHLORPYRIFOS 4 MANUFACTURING CONCENTRATE will require precautionary labeling different from that given. Formulators should develop their own use and precautionary labeling based on the properties and intended use of their own finished formulations, and are responsible for obtaining EPA registrations of these products.

**CHLORPYRIFOS 4 MANUFACTURING CONCENTRATE MAY BE FORMULATED ONLY INTO END USE PRODUCTS WITH THE FOLLOWING USES ON THE LABEL**

Agricultural Uses - Alfalfa, Asparagus, Christmas Tree Plantations, Citrus Fruits, Corn (field, sweet and seed corn), Cotton, Cranberries, Figs, Grapes, Mint, Onions (dry bulb), Peanuts, Sorghum, Soybeans, Sunflowers, Sugar Beets, Strawberries, Sweet Potatoes, Tobacco, Tree Fruit, (apples [pre-bloom only], pears, cherries, plums/prunes, peaches and nectarines), Tree Nuts (~~almonds, filberts, pecans, and walnuts~~), Vegetables (cauliflower, broccoli, Brussels sprouts, cabbage, collards, kale, kohlrabi, turnips, radishes, and rutabagas), and Wheat.

Non-Agricultural Uses – Termiticides (pre-construction, and post-construction spot and local treatment only); Non-Residential Outdoor Wood Treatment (fence posts, utility poles, railroad ties, landscape timbers, logs, pallets, wooden containers, poles, posts and processed wood products); Non-Residential Outdoor Pest Control (golf courses turf, road medians, and industrial plant sites); Individual Fire Ant Mound Treatment for Public Health Uses; and Non-Residential Ornamentals (flowers, shrubs, vines, shade & flowering trees, and evergreens) in ~~Golf Courses, Road Medians, and Industrial Plant Sites~~

ANY USE TO FORMULATE MANUFACTURING-USE OR END-USE PRODUCTS INTENDED FOR POST-BLOOM SPRAY USE ON APPLES, TOMATOES, INDOOR, GREENHOUSE, NURSERY GROWN ORNAMENTALS, PAINT ADDITIVE, PET CARE, ANIMAL HEALTH, OR FOR MOSQUITO CONTROL IS STRICTLY PROHIBITED.

ALL MANUFACTURING-USE AND END-USE PRODUCTS PRODUCED FROM THIS PRODUCT MUST BEAR A STATEMENT PROHIBITING FORMULATION OF SUCH PRODUCTS FOR THE USES IDENTIFIED ABOVE.

After October 1, 2000, any manufacturing-use product formulated from this product must bear EPA-approved labeling that is consistent with the terms of the June 7, 2000 memorandum of agreement between EPA and registrants of pesticide products containing chlorpyrifos.

After December 1, 2000, this product may only be used to formulate an end-use pesticide product labeled for termite control in accordance with the following conditions:

This product may not be used after December 31, 2004, to formulate any product labeled for termite control, unless, prior to that date, EPA has made a written determination that pre-construction termite control use may continue.

Any end-use product formulated from this product must bear EPA-approved labeling that (a) does not include use instructions for any post-construction applications other than spot and local treatment; and (b) states this product may only be used for spot and local treatment until December 31, 2002.

Any end-use product formulated from this product must bear EPA-approved labeling with a maximum chlorpyrifos end-use dilution of 0.5% active ingredient.

Any emulsifiable concentrate (EC) end-use product formulated from this product (other than containerized baits in child-resistant packaging) must be labeled as a restricted use product. All other end-use products formulated from the product must either be labeled as restricted use or packaged in containers no smaller than 15 gallons of a liquid formulation or 25 pounds of a dry formulation.

After December 1, 2000, this product may only be used to formulate an end-use pesticide product labeled for non-agricultural, non-termite control uses in accordance with the following conditions:

Any emulsifiable concentrate (EC) end-use product formulated from this product must be labeled as a restricted use product. All other end-use products formulated from the product (other than containerized baits in child-resistant packaging) must either be labeled as restricted use or packaged in containers no smaller than 15 gallons of a liquid formulation or 25 pounds of a dry formulation.

~~The end-use product may not bear use directions for any indoor residential use (as that term is defined in 40 CFR 152.3) other than containerized baits in child-resistant packaging.~~

~~Any emulsifiable concentrate (EC) end-use product formulated from this product may not bear use directions for any indoor non-residential use. All other end-use products may not bear use directions for any indoor non-residential use other than one or more of the following uses: warehouses, ship holds, railroad boxcars, industrial plants, manufacturing plants, food processing plants, or containerized baits in child-resistant packaging.~~

~~The product may not bear use directions for any residential outdoor use other than one or more of the following public health uses: individual fire ant mound treatment or mosquito control.~~

The product may not bear use instructions for any non-residential outdoor use other than one or more of the following uses:

- (a) golf courses, road medians, and industrial plant sites, provided that the maximum label application rate is no greater than 1 lb./ai per acre;
- ~~(b) mosquito control for public health purposes;~~
- (b) (e) individual fire ant mound treatment for public health purposes; and,

(c) ~~(d)~~ fence posts, utility poles, railroad ties, landscape timbers, logs, pallets, wooden containers, poles, posts and processed wood products.

Use of this product for formulation into any end-use product bearing instructions for use on apple trees is prohibited unless the end-use product bears EPA-approved labeling prohibiting post-bloom application to apple trees.

This product may only be formulated for the agricultural uses listed above if the EPA-approved labeling of the formulated product bears revised worker restricted entry intervals (REIs) of a duration no less than the following:

For all crops: 24 hours, unless specifically noted otherwise below

Tree nuts and sweet potatoes: 2 days

Fruit trees: 4 days

Citrus trees: 5 days

The end-use product labeling may include the following statement: "Certified crop advisors or persons entering under their direct supervision under certain circumstances may be exempt from the early reentry requirement pursuant to 40 C.F.R. Part 170."

Any emulsifiable concentrate (EC) end-use product formulated from this product must be labeled as a restricted use product. All other end-use products formulated from the product must either be labeled as restricted use or packaged in containers no smaller than 15 gallons of a liquid formulation, 50 pounds of a granular formulation, or 25 pounds of any other dry formulation.

This material requires further mixing before use.

### Notice of Warranty and Disclaimer

Seller warrants that at the time of delivery the product in this container conforms to its chemical description contained hereon and is reasonably fit for its intended purpose under normal conditions of use. This is the only warranty made on this product. Seller expressly disclaims any implied warranties of merchantability or fitness for any particular purpose and, except as set forth above, any other express or implied warranties. Any damages arising from breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid for this product by Buyer, and shall not include incidental or consequential damages such as, but not limited to, loss of profits or values. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the Seller. In no case shall Seller be liable for the consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. Buyer acknowledges the use of its own independent skill and expertise in the selection and use of the product and does not rely on any oral or written statements or representations.

August 22, 2000