



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

September 26, 2024

Ram Seethapathi
President and CEO
Gharda Chemicals International, Inc.
760 Newtown Yardley Road
Newtown, PA 18940

Subject: Label Amendment – Label changes based on the 2022 National Marine Fisheries Service Biological Opinion on Chlorpyrifos
Product Name: Chlorpyrifos Technical
EPA Registration Number: 93182-3
Application Date: September 7, 2024
Decision Number: 585248

Dear Ram Seethapathi:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Chlorpyrifos 2022 Biological Opinion. The Agency has concluded that your submission is acceptable with the following minor edits:

- Page 1: Under "NOTE TO PHYSICIAN," please correct "patent" to "patient"
- Page 4: Under "Use Prohibitions," please correct the first bullet so that it reads "Use as a wide-area/general outdoor treatment for ant and other miscellaneous pests (excludes wide-area mosquito adulticide use) is prohibited" and delete the second bullet which reads "other miscellaneous pests (excluded wide-area mosquito adulticide use) is prohibited."

This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent

changes have been approved by the Agency. In accordance with 40 CFR § 152.130(c), Drexel Chemical Company (Drexel) may not distribute or sell this product under the previously approved labeling after the final cancellation order is issued. Drexel may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to the company's website on your label, please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Patricia Biggio at 202-566-1938 or at biggio.patricia@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Dana L. Friedman". The signature is fluid and cursive, with the first name "Dana" and last name "Friedman" clearly legible.

Dana L. Friedman
Branch Chief
Risk Management and Implementation Branch I
Pesticide Re-evaluation Division

Enclosure

CC: Michael Walsh, Registration Division, PM11

CHLORPYRIFOS TECHNICAL

Gharda
Artwork
("Swish")
Optional

AN INSECTICIDE FOR FORMULATING USE ONLY

Active Ingredient:

Chlorpyrifos

0,0-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate 98.00 %

Other Ingredients 2.00 %

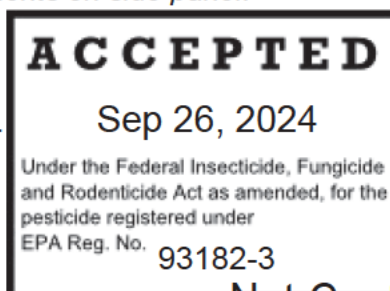
100.00 %

READ ALL DIRECTIONS BEFORE USING**KEEP OUT OF REACH OF CHILDREN
WARNING**

FIRST AID (Organophosphate Insecticide)	
If swallowed:	<ul style="list-style-type: none"> • Call the 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • Remove 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.
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 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.
HOT LINE NUMBER (Organophosphate Insecticide)	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical treatment information call: 1-(866)-359-5660	
NOTE TO PHYSICIAN	
Chlorpyrifos is a cholinesterase inhibitor. Initial treatment measures include removal of secretions, maintenance of a patent airway and, if necessary, artificial respiration. When cyanosis is relieved, atropine may be administered in large therapeutic doses, repeated as necessary to the point of tolerance. If symptoms warrant further treatment, pralidoxime chloride (2-PAM chloride) has shown utility as adjunctive therapy. Never use morphine. Continued absorption of the poison may occur, resulting in a fatal relapse after initial improvement in condition. Close supervision of the patient is indicated for at least 48 to 72 hours.	

See additional precautionary statements on side panel.

Manufactured For:
Gharda Chemicals International Inc.
760 Newtown-Yardley Road
Suite 110
Newtown, PA 18940
1-(215)-968-9474.



EPA Reg. No. 93182-3
EPA Est. No.

nts: LBS (KGS)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING

May be fatal if swallowed. May be fatal if inhaled. Do not breathe dust. Remove contaminated clothing and wash clothing before reuse. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Environmental Hazards

This pesticide is toxic to birds and wildlife, and extremely toxic to fish, aquatic organisms and bees. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with 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 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.

FOR MANUFACTURING USE ONLY

CHLORPYRIFOS TECHNICAL 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 TECHNICAL 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.

NMFS Biological Opinion: This product may only be formulated into registered end-use products with EPA-approved labeling that contains the following language and restrictions per the Reasonable and Prudent Measure 1, (a, b, c, d) in the National Marine Fisheries Service Nationwide Final Revised Biological Opinion: Chlorpyrifos, Diazinon, Malathion, dated June 30, 2022.”

This product may only be formulated into end-use products that contain the following language on their labeling (to be placed at the beginning of the Directions for Use section of all end-use product labels) when they are released for shipment: “ENDANGERED SPECIES PROTECTION REQUIREMENTS”: It is a Federal offense to use any pesticide in a manner that results in an unauthorized “take” (e.g., kill or otherwise harm) of an endangered species, and certain threatened species, under the Endangered Species Act section 9. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult <http://www.epa.gov/espp/>, call 1-844-447-3813, or email ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply the product.

This product may only be formulated into end-use products that contain the following language on their labeling when they are released for shipment: **Reporting Ecological Incidents:** To report ecological incidents, including mortality, injury, or harm to plants and animals, call 1-(215)-968-9474.

CHLORPYRIFOS TECHNICAL MAY BE FORMULATED ONLY INTO END-USE PRODUCTS WITH THE FOLLOWING USES ON THE LABEL:

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

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

Fruit trees (dormant/delayed dormant: trunk spray or preplant dip): 4 days

Citrus trees: 5 days

Citrus orchard floors: 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 CFR Part 170."

AGRICULTURAL USES

(ONLY FOR FORMULATION AND PRODUCT DISTRIBUTION IN THE FOLLOWING LISTED STATES)

Alfalfa (AZ, CO, IA, ID, IL, KS, MI, MN, MO, MT, ND, NE, NM, NV, OK, OR, SD, TX, UT, WI, WA, WY), **Asparagus** (MI), **Citrus Fruits** (AL, FL, GA, NC, SC, TX), **Cotton** (AL, FL, GA, NC, SC, VA), **Soybeans** (AL, CO, FL, GA, IA, IL, IN, KS, KY, MN, MO, MT, NC, ND, NE, NM, OH, OK, PA, SC, SD, TN, TX, VA, WI, WV, WY), **Sugar Beets** (IA, ID, IL, MI, MN, ND, OR, WA, WI), **Strawberries** (OR), **Apples** (AL, DC, DE, GA, ID, IN, KY, MD, MI, NJ, NY, OH, OR, PA, TN, VA, VT, WA, WV), **Tart Cherries** [MI], **Peaches** (AL, DC, DE, FL, GA, MD, MI, NC, NJ, NY, OH, PA, SC, TX, VA, VT, WV) and **Wheat** (spring wheat in CO, KS, MO, MT, ND, NE, SD, WY and winter wheat in CO, IA, KS, MN, MO, MT, ND, NE, OK, SD, TX, WY)

NON-AGRICULTURAL, NON-TERMITE CONTROL USES

Ornamentals (Outdoor and Commercial Nursery) (Terrestrial Nonfood Crop) (Greenhouse Nonfood Crop) (Indoor): Outdoor field grown ornamentals (flowers, shrubs, vines, shade and flowering trees, tobacco and non-bearing fruit, nut, citrus trees, and evergreens, perennial grass seed crops, annual and perennial potted, containerized or balled and bur lapped nursery stock plants.

Tree and Forest Pests (Forestry) (Domestic Outdoor): Nursery plantation (Including, felled trees, shade and flowering trees, Christmas tree plantations and cut stumps).

Turf and Other Non-residential Outdoor Areas (Domestic Outdoor) (Terrestrial Nonfood Crop): golf courses, industrial lawns, and other non-residential ornamental and recreational turfgrass areas (Including, roadsides, road medians, footpaths and trails, picnic and camping sites, parks and other recreational areas, sod farms, industrial turfgrass, and fire ant mounds:

Pest Control on Outside Surfaces and Around Buildings (Domestic Outdoor): Perimeter treatments applied to and around outside surfaces of non-residential buildings and structures, including crawl spaces, eaves, fences, foundations, garages, patios, walkways, walls, window and door frames, baits, and soil treatments for fire ant mounds.

USDA Quarantine Uses: Soil treatment of potted, containerized, or balled and bur lapped nursery stock plants in nurseries and greenhouses.

Public Health Uses: To control individual fire ant mounds and for wide-area mosquito control. (Mosquito control may only be applied by trained personnel of public health organizations, mosquito abatement districts, public mosquito control programs, and professional pest control operators).

Commercial Pest Control Outdoors (Terrestrial Non-food, Non-residential Commercial: Underground utility cables and conduits, turf and ornamentals in industrial plant sites provided the use rate is no greater than 1 lb ai/acre (*See Use Prohibitions below*), interior treatment of warehouses, railroad boxcars, industrial plants, manufacturing plants, food processing plants only.

Wood or Wood Structure Protection Treatments (Domestic Indoor or Outdoor): General surface localized injection and barrier soil treatments to non-residential buildings and structures (Including, pre and post construction insect barrier application, wood surface treatment, voids, and channels in damaged wood, gaps between wooden members, wall voids, junctions between wood and foundation; underground utility cables and conduits; fence posts and utility poles; and wood treatment (dip, spray, or pressure treatment of lumber, logs, pallets, poles, posts, wooden containers, and processed wood products):

Pest Control Indoors [Indoor Residential]: Containerized ant and roach baits in child resistant packaging for indoor residential uses only.

Commercial Pest Control Indoors [Indoor Non-Residential]: Ship holds, railroad boxcars, industrial plants, manufacturing plants only.

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

Use Prohibitions:

- Use as a wide area/general outdoor treatment for ants and
- other miscellaneous pests (excludes wide-area mosquito adulticide use) is prohibited.
- 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 this product must either be labeled as RESTRICTED USE or packaged in containers no smaller than 15 gallons of a liquid formulation or 50 pounds of a dry formulation.
- The product may not bear Use Directions for any Residential Outdoor use.
- This product may not bear use instructions for any non-residential outdoor use provided that the maximum label application rate is no greater than 1 lb./ai per acre, other than one or more of the following uses:
 - golf courses, road medians, and industrial plant sites, provided that the maximum label application rate is no greater than 1 lb./ai per acre.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Storage: Store in original container in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides.

SPILLS: Clean up any spills promptly.

For Chemical Spill, Leak, Fire, Exposure, or Accident you may call CHEMTREC at 1-800-424-9300 twenty-four (24) hours per day, seven (7) days per week.

Pesticide Disposal: Pesticide wastes are hazardous. Improper disposal of unused spray mixture or rinse water is a violation of Federal law. If these wastes cannot be disposed of 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

Nonrefillable Container. Do not reuse or refill this container. Offer for recycling if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-fourth 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. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal.

Repeat this procedure two more times. If recycling is not available puncture or dispose of in a sanitary landfill. Perforate rinsed containers and offer for disposal in a landfill approved for pesticide containers. Do not reuse containers. Do not cut or weld containers. **Metal:** Do not use or refill this container. 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.

Conditions of Sale and Warranty

Inherent Risks of Use

It is impossible to eliminate all risks associated with the use of this product. Lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Gharda Chemicals International Inc or the seller. To the extent permitted by applicable law, all such risks shall be assumed by buyer.

Notice of Warranty and Disclaimer

The Seller warrants that at the time of delivery the product in this container conforms to its chemical description contained herein and is reasonably fit for its intended purpose under normal conditions of use. This is the only warranty made on this product. To the extent permitted by applicable law, 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. Ineffectiveness or other un-intended 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. The Buyer shall assume all such risks. 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.

EPA Accepted: tba