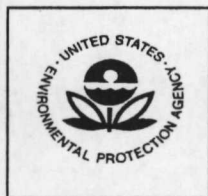


4787-62

9/29/2011

1045

**U.S. ENVIRONMENTAL PROTECTION
AGENCY**

**Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460**

EPA Reg. Number:

4787-62

Date of Issuance:

SEP 29 2011**NOTICE OF PESTICIDE:**

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance: **Unconditional**

Name of Pesticide Product:

**Cheminova Chlorpyrifos
Technical II**

Name and Address of Registrant (include ZIP Code):

**Cheminova, Inc.
One Park Drive, Suite 150
Research Triangle Park, NC 27709**

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. 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 registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Revise the EPA Registration Number to read "EPA Reg. # 4787-62".
2. Submit two (2) copies of your final printed label before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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 Jessica Rogala at (703) 347-0263 or via email at rogala.jessica@epa.gov.

Signature of Approving Official:

**Driss Benmhend
Acting Product Manager (01)
Insecticide-Rodenticide Branch
Registration Division (7505P)**

Date:

September 29, 2011

2045

Chlorpyrifos Technical II

AN INSECTICIDE FOR MANUFACTURING USE ONLY

ACTIVE INGREDIENT:

Chlorpyrifos: O,O-diethyl-O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate

98.5%

INERT INGREDIENTS:

1.5%

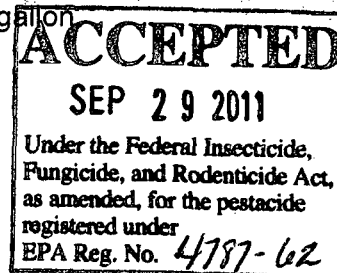
TOTAL:

100.0%

This product contains 11.84 pounds of chlorpyrifos per gallon

**BEFORE USING THIS PESTICIDE
STOP - READ THE LABEL**

**KEEP OUT OF REACH OF CHILDREN
WARNING AVISO**



AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

IN CASE OF AN EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS
PRODUCT, CALL TOLL FREE, DAY OR NIGHT, 1-866-303-6950

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

FIRST AID

Contains an organophosphate that inhibits cholinesterase.

IF SWALLOWED: 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 do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

IF ON SKIN OR CLOTHING: 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 INHALED: 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.

Have the product label or container with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-866-303-6950 for emergency medical treatment information.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. Antidote: Administer atropine sulphate in large doses, TWO to FOUR mg intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is a pharmacological antidote and may be administered as an adjunct to, but not a substitute for, atropine, which is a symptomatic and often lifesaving antidote. DO NOT GIVE MORPHINE OR TRANQUILIZERS. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of **chlorpyrifos** may occur and relapse may occur after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

EPA Reg. No.: 4787-

Product of Denmark

EPA Est. No.: 4787-DN-1

Net Contents: 288 Kilos (635 lbs)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMAN AND DOMESTIC ANIMALS
HANDLE CHEMICAL IN A VENTILATED AREA
KEEP OUT OF REACH OF CHILDREN.

WARNING AVISO

May be fatal if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation.
 Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and 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 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 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. The June 7, 2000 memorandum of agreement between EPA and registrants of pesticide products containing chlorpyrifos only applies to registered uses of chlorpyrifos in the U.S.

FOR MANUFACTURING USE ONLY

Chlorpyrifos Technical II 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 II 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.

FOR FORMULATION ONLY INTO END-USE PRODUCTS

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

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

Cauliflower: 3 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 CFR Part 170."*

Agricultural Uses

Agricultural Crops [Terrestrial Food Crop, Greenhouse Food Crop]: Alfalfa; Asparagus; Christmas Tree Plantations, Citrus Fruits, Corn (field, sweet and seed corn, [maximum of 3 lb ai/acre/season no application to popcorn]), Cotton, Cranberries, Figs, Grapes, mint, Onions (dry bulb), Peanuts, Sorghum, Soybeans, Sunflowers, Sugar Beets, Strawberries, Sweet Potatoes, Tobacco, Tree Fruit,

(apples [Post-bloom application prohibited. Only one pre-bloom application of any chlorpyrifos containing product can be made per year to the lower 4 feet of the trunk], 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

Non-residential outdoor pest control (golf courses, road medians, and industrial plant sites); and Non-residential ornamentals (flowers, shrubs, vines, shade & flowering trees, and evergreens), road medians, and industrial plant sites.

Prohibited Uses

All manufacturing-use and end-use products produced from this product must bear the following statement: *"This product may NOT be used for formulation into manufacturing-use or end-use products for the following uses: **Aquatic Uses (Aquatic Food Crop, Aquatic Non-Food):** Any aquatic use, including mosquito larvicide."*

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

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

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.

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 must either be labeled as restricted use or packaged in containers no smaller than 15 gallons of a liquid formulation or 25 pounds of dry formulation.

The product may not bear use directions for any residential outdoor use.

The product may not bear use instructions for any non-residential outdoor use 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

Storage: Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. Do not store above 100°F (38°C) for extended periods of time. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

Pesticide Disposal:

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

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 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 or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

WARRANTY DISCLAIMER

Cheminova warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, CHEMINOVA MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Unintended consequences may result because of factors such as use of the product contrary to label instructions, which are beyond the control of Cheminova or the Seller. Cheminova and the Seller shall not be responsible for any risks caused by the incorporation of this product into an end use product by the Buyer or User. Buyer is solely responsible for any risks created by the end use or uses to which Buyer or a User put this product. All of the foregoing risks shall be assumed by Buyer and User, and Buyer and User agree to hold Cheminova and Seller harmless for any claims related to such factors.

LIMITATION OF REMEDIES

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to one of the following, at Cheminova's election:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

To the extent consistent with applicable law, Cheminova shall not be liable for consequential, incidental, or special damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Cheminova or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.



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