



U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 401 "M" St., S.W. Washington, D.C. 20460

NOTICE OF PESTICIDE:

X Registration Reregistration

EPA Reg. Number.

19713-574

Date of

FEB 2 8 2005

Term of Issuance:

Conditional

Name of Pesticide Product:

Drexel Chlorpyrifos 98.5% Technical

Name and Address of Registrant (include ZIP Code):

Drexel Chemical Company P.O. Box 13327 Memphis, TN 38113-0327

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

- 1. Submit and/or cite all data required for registration of your product under FIFRA sec. 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. 19713-574". B. Revise the Hazards to Humans and Domestic Animals to read: May be fatal if swallowed. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water before eating, drinking chewing gum, using tobacco, or using

the toilet.

3. Submit three copies of the final printed label for the record 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 copy of the label stamped "accepted with comments" is enclosed for your records.

Signature of Approving Official:

Akiva Abramovitch, Ph.D.

Chemist

Insecticide-Rodenticide Branch Registration Division (7505C)

Date:

FEB 2 8 2005

ACCEPTED with COMMENTS In EPA Letter Dated:

FEB 28 2005

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





An Insecticide for manufacturing use only

ACTIVE INGREDIENT:

 Chlorpyrifos
 98.5%

 OTHER INGREDIENTS:
 1.5%

 TOTAL:
 100.0%

This product contains 11.84 pounds of chlorpyrifos per gallon.

WARNING / AVISO

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.)

See FIRST AID Below

EPA Reg. No. 19713-_ EPA Est. No. Net Contents: Pounds

FIRST AID

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 immediately 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 immediately for treatment advice.

IF INHALED:

- · Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artifical respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor immediately for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

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.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: May be fatal if swallowed, inhaled, or absorbed through the skin. Causes eye irritation. May cause skin irritation. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Handle chemical in a ventilated area. Wear protective clothing and rubber gloves (such as nitrile, butyl, neoprene, and/or barrier laminate) when handling. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse. Keep away from food, feedstuffs, and water supplies.

GENERAL PRECAUTIONS

Before using this pesticide, STOP - READ THE LABEL

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 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.

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.

Only for formulation into an insecticide for the following use(s). Text in [square brackets] after each site category heading refers to the general use group as referenced in 40 CFR 158.

Agricultural Uses

If the product is labeled for reformulation into products bearing labeling for agricultural uses, the label may not contain instructions permitting formulation into products registered for tomatoes. In addition, the label must contain the following statements:

- 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 below if the EPA-approved 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 as otherwise below

Cauliflower: 3 daysFruit trees: 4 daysCitrus trees: 5 days

Manufactured For:
Drexel Chemical Company
P.O. BOX 13327, MEMPHIS, TN 38113-0327
SINCE 1972

- 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.'
- Any emulsifiable concentrate (EC) end-use product formulated from the product must be labeled as a Restricted Use Pesticide. All other end-use products (except for cattle ear tags) 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.

Agricultural Crops [Terrestrial Food Crop, Greenhouse Food Crop]: Alfalfa, Apple (post-bloom application prohibited), Asparagus, Banana, Beet (Sugar, Garden/Table, including crops grown for seed), Blueberry, Brassica (Cole) Leafy vegetables (including but not limited to Bok choy, Broccoli, Broccoli raab, Brussels sprouts, Cabbage, Cauliflower, Chinese cabbage, Collard, Kale, Kohlrabi), Caneberry, Cherimoya, Cherry (Sour, Sweet), Citrus Fruits (including but not limited to Grapefruit, Lemon, Orange, and Citrus orchard floors) Corn (Field, Sweet, including crops grown for seed), Cotton, Cranberry, Cucumber, Date, Feijoa, Fig, Grape, Kiwifruit, Leek, Legume vegetables (succulent or dried), Mint, Mushroom, Nectarine, Onion (Dry Bulb), Peach, Peanut, Pear, Pepper, Plum, Prune, Pumpkin, Radish (including crops grown for seed), Rutabaga, Sapote, Sorghum (Milo), Strawberry, Sugarcane, Sunflower, Sweet polato, Tobacco, Tree nuts (including but not limited to Almond, Filbert, Pecan, Walnut, Almond orchard floors), Turnip, Wheat.

Agricultural Crops [Terrestrial Non-Food Crop]:

· Clover and grass grown for seed (see note).

Note: Clovers and grasses which are grown for seed are only for 24(c) registration as terrestrial non-food crops. The 24(c) labeling for these sites must include the following limitations:

- 1) Limit use to the crop establishment year only.
- 2) Prohibit use of any portion of the treated field for animal feed.
- 3) Restrict harvest until 365 days after application.

Livestock [Indoor Food]: Cattle ear tags, non-residential animal housing including but not limited to poultry houses and other livestock housing (feedlots, corrals, stockyards, holding pens, and other livestock holding areas).

Ornamentals – Commercial Production Only [Commercial Terrestrial Non-Food, Commercial Greehouse Non-Food]:

- Soil treatment of potted, containerized, or balled and burlapped nursery stock plants in nurseries and greenhouses only.
- Flowers, shrubs, evergreens, vines, shade and flowering trees in nurseries or greenhouses only.
- · Forest tree nurseries.
- · Non-bearing fruit, nut, and citrus trees.
- Commercial sod farms.

Forest Trees [Forestry]:

Plantations, forests, seed orchards, felled trees, and cut stumps.

Non-Agricultural, Non-Termite Control Uses

If the product is labeled for reformulation into products bearing labeling for non-agricultural uses (other than termite control), the label must contain the following statements:

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 Pesticide. 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 adulticide 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. a.i./

acre.

- mosquito adulticide use for public health purposes;
- individual fire ant mound treatment for public health purposes; and
- fence posts, utility poles, railroad ties, landscape timbers, logs, pallets, wooden containers, poles, posts, and processed wood products.

Pest Control Indoors [Indoor Residential]: Containerized baits in childresistant packaging for indoor residential uses.

Pest Control Indoors [Indoor Non-residential]: Crack, crevice, and spot treatments in food and non-food areas of warehouses, ship holds, railroad boxcars, industrial plants, manufacturing plants, food processing plants only.

Pest Control Outdoors [Terrestrial Non-Food, Domestic Outdoor]: Public health uses to control fire ant mounds; public health uses as a mosquito adulticide; 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.

Pest Control Outdoors [Terrestrial Non-Food]: Underground utility cables and conduits in non-residential sites; sewer manhole lids and walls; turf and ornamentals in road medians as well as turf and ornamentals in industrial plant sites (provided the use rate is not greater than 1 lb. a.i./acre); localized exterior surface treatment of warehouses, railroad boxcars, industrial plants, manufacturing plants, food processing plants only; soil applied perimeter treatment of warehouses, industrial plants, manufacturing plants, food processing plants only.

Non-Residential Outdoor Control of Wood Infesting Insects [Terrestrial Non-Food]: Fence posts, utility poles, railroad ties, landscape timbers, logs, pallets, wooden containers, poles, posts, and processed wood products.

Turf [Terrestrial non-Food]: Golf course turf, turf in road medians, and turf in industrial plant sites (provided the use rate is no greater than 1 lb. a.i./acre):

Other Uses

This product may be formulated into insecticide products for other uses for which the U.S. EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration excluding any use strictly prohibited by this label.

Experimental Uses

This product may be formulated into insecticide products for uses for experimental purposes that are in compliance with U.S. EPA requirements.

Other 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 products for the following uses:

Aquatic Uses [Aquatic Food Crop, Aquatic Non-Food]: Any aquatic use, including mosquito larvicide.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. **PESTICIDE 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. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site, if approved waste handling facilities are available, or at an approved waste disposal facility.

CONTAINER DISPOSAL: 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.

WARRANTY—CONDITIONS OF SALE

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. Seller expressly disclaims any implied warranties of merchantability or fitness for any particular purpose and, except as set forth above, any other expressed 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 such case shall Seller be liable for the consequential, special or indirect damages resulting form 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.