

19713-573

6/19/2012

1 of 5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

June 19, 2012

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

Subject: (1) Amended labeling to clarify directions for use for nurseries
(2) Amended labeling to update the ingredients statement
(3) New Primary Brand Name
Drexel Chlorpyrifos Technical
EPA Reg. No. 19713-573
EPA Decision No. 464957

Dear Ms. Chan:

The proposed labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable. Please submit one copy of your final printed labeling before you release the product for shipment. 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(e). If you have any questions, please contact Julie Chao by phone at: (703) 308-8735, or by email at: chao.julie@epa.gov.

Regards,

A handwritten signature in cursive script that reads "Venus Eagle".

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

Enclosure

ACCEPTED
JUN 19 2012

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:

EPA Reg. No: 19713-573



Chlorpyrifos Technical

An Insecticide for formulating use only

ACTIVE INGREDIENT:

Chlorpyrifos.....	98.0%
OTHER INGREDIENTS:	<u>2.0%</u>
TOTAL:	100.0%

KEEP OUT OF REACH OF CHILDREN 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. 19713-573

EPA Est. No. XXXXX-XX-XXX

Net Content: _____

FIRST AID (Organophosphate Insecticide)
<p>IF SWALLOWED:</p> <ul style="list-style-type: none"> • 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.
<p>IF INHALED:</p> <ul style="list-style-type: none"> • 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.
<p>IF ON SKIN OR CLOTHING:</p> <ul style="list-style-type: none"> • 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.
<p>IF IN EYES:</p> <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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.
<p>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 Information Center at 1-800-858-7378.</p>
<p>NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Initial treatment measures include removal of secretions, maintenance of patient 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 fatal relapse after initial improvement in condition. Close supervision of the patient is indicated for at least 48 to 72 hours.</p>

573SP-0612*P

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 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.

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.

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-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 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 - Alfalfa, Asparagus, Christmas Tree Plantations, Banana, Blueberry, Caneberry, Cherimoya, Citrus Fruits, Corn (maximum of 3 lb ai/acre/season and no application to popcorn), Cotton, Cranberries, Cucumber, Date, Feijoa, Figs, Grapes, Kiwifruit, Leek, Legume Vegetables (except soybean), Mint, Onions (dry bulb), Pea, Peanuts, Pepper, Pumpkin, Sorghum, Soybeans, Sunflowers, Sugar Beets, Sugarcane, Strawberries, Sweet Potatoes, Tobacco, Tree Fruit, [apples (Only one application of any chlorpyrifos containing product can be made per year. The application can be either a pre-bloom dormant/delayed dormant to the canopy or the trunk, or a post bloom application 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,

non-bearing fruit, nut, and citrus trees, and evergreens), Sod Farms, Perennial Grass Seed Crops, Annual and Perennial Plants, Road Medians, and Industrial Plant Sites.

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

End-use products containing directions for use in nursery operations must be restricted to wholesale nursery operations only. Wholesale nursery operations are commercial agricultural operations which do not sell or distribute directly to consumers or the general public through retail sales. The end-use products must also contain a prohibition against selling or distributed treated plants directly to consumers or the general public through retail sales.

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 end-use products formulated from this product must be labeled as restricted use or packaged in containers no smaller than 50 pounds for granular formulations. 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.

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:

- (a) golf courses, road medians, and industrial plant sites, provided that the maximum label application rate is no greater than 1 lb./a.i. per acre;
- (b) individual fire ant mound treatment for public health purposes; and
- (c) fence posts, utility poles, railroad ties, landscape timbers, logs, poles and posts.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry area away from heat or open flame. Protect from moisture. Avoid contamination with water, acids, or alkalis. Keep container closed. Store in original container in locked storage area. **In Case of Spill:** Isolate the spill. Hold this package, other cargo and vehicles involved. For Emergency spill assistance call CHEMTREC (24-hour service): 1-800-424-9300.

PESTICIDE DISPOSAL: Rinse spray equipment. Any pesticide, spray mixture, or rinse water that cannot be used according to label instructions or chemically reprocessed should be disposed of in a landfill approved for pesticides.

CONTAINER DISPOSAL:

Nonrefillable Container: 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

(continued)

(Continuation)

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 or incineration or if allowed by state and local authorities by burning. If burned, stay out of smoke. Perforate rinsed containers, and offer for disposal in a landfill approved for pesticide containers. Do not reuse containers. Do not cut or weld container.

Refillable Container: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining content from this container into manufacturing equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into manufacturing equipment or rinsate collection system. Repeat this rinsing procedure two more times.

WARRANTY—CONDITIONS OF SALE

Manufacturer warrants that this product conforms to its chemical description and is reasonably fit for the purposes referred to in the "DIRECTIONS FOR USE". To the extent consistent with applicable law, Manufacturer makes no other warranties, expressed or implied, including FITNESS or MERCHANTABILITY. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use of handling of this product. The foregoing is a condition of sale and is accepted as such by the Buyer.

Manufactured For:



Drexel Chemical Company

P.O. BOX 13327, MEMPHIS, TN 38113-0327

SINCE 1972

The Drexel logo is a registered trademark of Drexel Chemical Company.