

19713-306

09/14/2012

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 14, 2012

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

Subject: Amended Reregistration Label
Product Name: Drexel Thermo Fog
EPA Registration Number: 19713-306
EPA Decision Number(s): 393422

Dear Ms. Chan:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the reregistration of the referenced product in connection with the Dichlorvos RED and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 2/6/2009

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

The amendment to change the master name of record for this product to "Drexel Thermo Fog" is acceptable and the Agency's records will be updated to reflect this change.

If you have any questions about this letter, please contact Dana Pilitt, Ph.D. at (703) 305-7071 or via e-mail at pilitt.dana@epa.gov.

Sincerely,



M Mark Suarez
Product Manager (13)
Insecticide Branch
Registration Division (7504P)

Enclosures: *Label stamped "Accepted", dated September 14, 2012*
 Acute Toxicity Review, dated September 28, 2009
 Product Chemistry Review, dated October 14, 2011

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RESTRICTED USE PESTICIDE
(Due to Eye and Skin Irritation)
For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.



Thermo Fog

For Agricultural/Commercial Use Only.
Ready to Use
For control of flies, gnats, and mosquitoes.
For use on cattle, goats, horses, sheep, and swine.

ACTIVE INGREDIENT:	
Dichlorvos (2,2-dichlorovinyl dimethyl phosphate).....	0.98%*
Related Compounds.....	0.02%*
OTHER INGREDIENTS**:	99.00%
TOTAL:	100.00%

*Equivalent to 1% dichlorvos.
**Contains petroleum distillates.

KEEP OUT OF REACH OF CHILDREN DANGER / PELIGRO

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** on Page 2

EPA Reg. No. 19713-306
EPA Est. No. 19713-XX-XXX

Net Content: _____

Manufactured By:



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

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

ACCEPTED
SEP 14 2012
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 19713-306

306SP-0812*P

FIRST AID	
Contains an Organophosphate that Inhibits Cholinesterase	
IF IN EYES:	<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.
IF ON SKIN OR CLOTHING:	<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.
IF SWALLOWED:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
IF INHALED:	<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. • Call a poison control center or doctor for further treatment advise.
<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: Contains an organophosphate that inhibits cholinesterase. Probable mucosal damage may contraindicate the use of gastric lavage. May pose an aspiration pneumonia hazard. Contains petroleum distillate.</p> <p>POISONING SYMPTOMS: Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive, pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.</p> <p>TREATMENT: Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, atropine sulfate should be injected at 10 minute intervals, in doses of 1 to 2 milligrams, until complete atropinization has occurred. Pralidoxime chloride (2-PAM) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion in 250 cc of saline over a 15 to 30 minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5 percent solution in water over not less than two minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children, the dose of 2-PAM is 0.25 gram. Morphine is an improper treatment. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has been attained, as determined by blood test.</p>	

PRECAUTIONARY STATEMENTS	
Hazards to Humans and Domestic Animals	
<p>DANGER: Corrosive. Causes irreversible eye damage. Causes skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get on skin, in eyes, or on clothing.</p>	
<p>PERSONAL PROTECTIVE EQUIPMENT (PPE)</p> <p>Some materials that are chemical-resistant to this product are made of barrier laminate or viton. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.</p> <p>Applicators and other handlers must wear: Coveralls over long-sleeved shirt and long pants, goggles or face shield, chemical-resistant footwear plus socks, chemical-resistant gloves made of barrier laminate or viton, chemical-resistant apron when mixing, loading or cleaning equipment, chemical-resistant headgear for overhead exposure, and a NIOSH-approved respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC 14G) or an organic vapor removing cartridge or canister with any N, R, P, or HE prefilter.</p> <p>Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.</p> <p>Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.</p>	

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only handlers wearing specified PPE may be in the area during application.

USE PRECAUTIONS AND RESTRICTIONS

Do not enter or allow others to enter until sprays have dried.

Do not contaminate water or foodstuffs. Do not contaminate milk or milk equipment. Do not apply in areas where animals have received direct application of DDVP within eight (8) hours. Care should be taken that the spray does not come in direct contact with the lactating dairy cow's teats unless they are washed with an approved cleansing solution and dried before milking. Brahman and Brahman cross cattle should not be treated, as they may show hypersensitivity to organophosphates. Do not apply to calves under six months of age. Do not contaminate food crops.

In California: A 24-hour reentry interval is required following the use of this product in warehouses, farm/animal buildings and other enclosed spaces.

PROHIBITIONS

Use in handheld fogger or handheld smoke generator equipment is prohibited.

Use in residential sites is prohibited.

Use on lawns, turf or ornamentals is prohibited.

APPLICATIONS

Do not make direct application to livestock more frequently than once per day.

LIVESTOCK (Beef and Dairy Cattle, Goats, Horses, Sheep and Swine): To control Horn flies, Houseflies, Stable flies, Face flies – Apply one (1) or two (2) fluid ounces of this product per animal as a mist spray daily with hand or automatic sprayer. Use lower rates for smaller animals. Apply spray so as to wet hair. Cover the animal with spray with particular attention to the back, flanks, legs and shoulders. Do not use in excess of two (2) fluid ounces per adult animal. Apply proportionately less to smaller animals. Do not soak the skin or wet the hides.

FOGGING OUTDOORS: To control Flies, Gnats and Mosquitoes – Use in areas around farm buildings (farmyards); manure treatments on farm premises; dairy and farm premises; feed lots, including around feed lots, stockyards, corrals, holding pens, and fences; animal buildings including barns, feeding areas, shelters and stables, dairy barns (including milk rooms, equipment and barnyards); livestock feeding areas, pens; poultry droppings, poultry houses (equipment and yards).

Outdoor fogging with this product should be limited to use by or under the direction of trained personnel. Apply five (5) to ten (10) pints per acre (0.05 to 0.1 pound of actual dichlorvos) as a dense fog when wind is calm. Do not contaminate food crops. Avoid wetting foliage, as plant injury may occur. Do not use this solution for fogging areas where animals have received direct application within eight (8) hours).

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FOGGING INDOORS (Animal Buildings): To control Flies, Gnats and Mosquitoes – Indoor fogging in animal buildings (Horse barns, Dairy barns, Shelters, Stables, Milk rooms, and Poultry houses). Use one pint per 8,000 cubic feet. Do not use this solution for fogging areas where animals have received direct application within eight (8) hours. Do not contaminate water, feed or foodstuffs, milk or milking utensils. Before applying, reduce air movement as much as possible by closing doors, windows and other openings. Eliminate ignition sources such as pilot lights, fires and open flames. Disconnect electrical power. Fog for one (1) to five (5) seconds per 1,000 cubic feet, but use no more than one gallon per 64,000 cubic feet. Do not fog into or near an open flame.

Occupants should vacate premises before treatment and should not reoccupy the premises until it has been ventilated. Leave treated area closed for at least 15 to 30 minutes and then open windows and door to ventilate. Ventilate for at least 1 hour. Apply as necessary, but no more than once per day.

ANIMAL BUILDINGS (Horse barns, Dairy barns, Shelters, Stables, Milk sheds, Poultry houses): To control Flies, Gnats, Mosquitoes, Roaches, Fleas, Ants, Sowbugs, Brown dog ticks, Spiders and Silverfish – Apply as a coarse wet spray using one (1) pint per 1,000 square feet. Spiders and Silverfish – Apply as a coarse wet spray using one (1) pint per 1,000 square feet. Treat around doorways, feed storage rooms, alleyways and windowsills. For control of Fly Maggots in maggot breeding areas, apply at the rate of one (1) to two (2) pints per 100 square feet.

OUTDOOR AREAS SUCH AS FARM PREMISES, FEEDLOTS AND STOCKYARDS: To control Flies, Gnats, Mosquitoes, Roaches, Fleas, Ants, Sowbugs, Brown dog ticks, Spiders and Silverfish – Apply as a coarse wet spray using one (1) pint per 1,000 square feet. Avoid contact with desirable plants, as plant injury or loss may occur.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not use or store near heat or open flame. Keep product upright in original container, tightly closed. High temperature may shorten shelf life of product.

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

CONTAINER DISPOSAL:

Nonrefillable Container (rigid material; less than 5 gallons): 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 and drain for 10 seconds after the flow begins to drip. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration.

Nonrefillable Container (rigid material; 5 gallons up to < 250 gallons): 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. Dispose of empty container in a sanitary landfill or by incineration.

Refillable Container (≥ 250 gallons & Bulk): 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 contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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WARRANTY—CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically directed and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. 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 or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.