

19713-319

05-15-2009

1/6



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

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

MAY 15 2009

Subject: Label Notification(s) for Pesticide Registration Notice 98-10 and 2007-4

1. Updated warranty statement
2. Other minor changes

Dear Ms. Chan:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 2007-4 and 98-10 dated February 20, 2009 for:

**EPA Registration 19713-319**

**Drexel Endosulfuran Technical**

The Registration Division (RD) has conducted a review of this request for applicability under PR Notices 2007-4 and 98-10 and finds that the label changes requested falls within the scope of PR Notices 2007-4 and 98-10. The label has been date-stamped "Notification" and will be placed in our records.

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 nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

2/6

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 19713-319	2. EPA Product Manager Kimberly Nesci	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DREXEL ENDOSULFAN TECHNICAL	PM# 11/Insecticide Branch	
5. Name and Address of Applicant (Include ZIP Code) Drexel Chemical Company P.O. Box 13327 Memphis, TN 38113-0327 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <b>NOTIFICATION</b> EPA Reg. No. _____ MAY 15 2009 Product Name _____	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated 1/22/2009
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of revised label (319SP-0209\*) incorporating EPA's comments of 1/22/09 and revision on storage and disposal statement per PR Notice 2007-4.  
Thank you.

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 55, 110, 330 LBS.		5. Location of Label Directions <input type="checkbox"/> _____ <input type="checkbox"/> On the container	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name LUZ G CHAN	Title REGISTRATION MANAGER	Telephone No. (Include Area Code) (901) 774-4370
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  <b>(Stamped)</b>
2. Signature <i>Luza Chan</i> 2009.02.20 11:20:03 -06'00'	3. Title REGISTRATION MANAGER	
4. Typed Name LUZ G CHAN	5. Date February 20, 2009	



**Drexel Chemical Company**

3/6  
OK

February 26, 2009

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Rm S-4900, One Potomac Yard  
2777 S Crystal Drive  
Arlington, VA 22202

**Re: Submission of Revised Label by Notification per PR Notices 98-10 and 2007-4 and per EPA's EPA Stamped Accepted Label dated January 22, 2009  
DREXEL ENDOSULFAN TECHNICAL (EPA Reg. no. 19713-319)**

Herewith:

1. Completed EPA Form 8570-1
2. One (1) copy of the label (319SP-0209\*) with the following revisions:
  - i) Per EPA's comments on 1/22/2009:

The spelling of 'breath' under the Precautionary Statements was corrected to "breathe".

The Environmental Hazards statements were revised to read "This product is extremely toxic to fish and aquatic invertebrates and toxic to birds and mammals. Do not discharge.....Regional Office of the EPA."

ii) Per PR Notice 2007-4, the storage and disposal statements were updated.

iii) Under Warranty, the word "Recommendations" found on the first sentence was replaced with "Directions" to read "Our *Directions* For Use of this product.....reliable." This change is permitted in PR Notice 98-10.

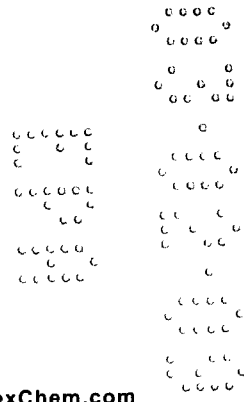
I highlighted the changes for easy reference.

3. Certification Statements

If you have questions/clarification regarding this submission, I can be reached at (901) 774-4370 or e-mail [Lchan@drexchem.com](mailto:Lchan@drexchem.com). Thank you.

Respectfully yours,  
FOR DREXEL CHEMICAL COMPANY

  
Luz G Chan  
Registration Manager



4/6




**Drexel Chemical Company**

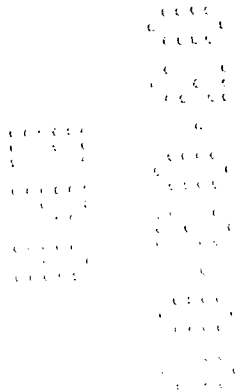
February 20, 2009

***Submission of Revised Label per PR Notice 2007-4***  
**DREXEL ENDOSULFAN TECHNICAL (EPA Reg. No. 19713-319)**

This notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA Regulations at 40 CFR 156.10, 156.140, 156.144, 156.146 and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, and 156.146 and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

FOR DREXEL CHEMICAL COMPANY

  
\_\_\_\_\_  
LUZ G CHAN  
Registration Manager



5/6

NOTIFICATION

MAY 15 2009



# Endosulfan Technical

Insecticide

For the Manufacture of Insecticides and Acaricides Only.

**ACTIVE INGREDIENT:**

Endosulfan* .....	95.0%
<b>OTHER INGREDIENTS:</b> .....	5.0%
<b>TOTAL:</b> .....	100.0%

\*Hexachlorohexahydromethano-2,4,3-benzodioxathiepin-3-oxide

**KEEP OUT OF REACH OF CHILDREN**

**DANGER POISON**  **PELIGRO VENENO**

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. 19713-319

EPA Est. No. 19713-XX-XXX

Net Content: \_\_\_\_\_

FIRST AID	
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious or convulsing person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
Call a poison control center or doctor 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 Information Center at 1-800-858-7378.	
<b>NOTE TO PHYSICIAN:</b> Endosulfan is a central nervous system stimulant absorbable by mouth, inhalation or through contact with skin. It may cause convulsions. There is no specific antidote. Diazepam I.V. is the drug of choice. Barbituric acid derivatives such as Phenobarbital may be used additionally. A neuromuscular blocking agent may be used if convulsions persist. This type of drug may be used only if complete control of respiration can be maintained. Epinephrine derivatives are absolutely contraindicated. Probable mucosal damage may contraindicate the use of gastric lavage.	

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**DANGER:** Fatal if swallowed or inhaled. May be fatal if absorbed through skin. Causes moderate eye irritation. Do not breathe dust or vapors. Do not get in eyes, on skin, or on clothing. During formulating or loading operations, wear clean synthetic rubber gloves, protective clothing (such as coveralls, socks and shoes), protective eyewear and a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter. Wash the outside of gloves before removing. Wash hands, arms, and face thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wash all contaminated clothing with soap and hot water separately from other laundry before reuse.

**ENVIRONMENTAL HAZARDS**  
This product is extremely toxic to fish and aquatic invertebrates and toxic to birds and mammals.

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.

**Formulator Information:** Formulators using this product are responsible for obtaining EPA registration for their formulated products. Formulators are encouraged to contact Drexel Chemical Company for the Endosulfan Technical MSDS, which contains the chemical and physical data for the technical.

**THIS PRODUCT IS TO BE USED SOLELY FOR FORMULATION INTO end-use products for use on commercial agricultural crops and for outdoor commercial production of ornamental trees and shrubs. Do not use or formulate this product into any products in the form of a fogger, impregnated materials, insecticidal smoke, dust, pressurized liquid (i.e., spray cans - but not including EC or WP formulations applied by pump sprayers) or aerosol spray designed to automatically release the contents. The commercial use categories and formulation restrictions are described below.**

**DO NOT USE THIS PRODUCT TO FORMULATE END-USE PRODUCTS FOR:**

- a) Any use in or around a structure used as a residence or domestic dwelling, or on any articles or areas associated with such structures (including household contents, home gardens, and greenhouses); or



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

6/6

b) Any use in the form of a fogger, impregnated material, insecticidal smoke, dust, pressurized liquid or spray (i.e. spray cans - but not including EC or WP formulations applied by pump sprayers) or aerosol spray inside a commercial greenhouse or public or private building or structure (including recreational facilities, theaters, hotels, resorts, or other buildings used for public accommodation, or any other commercial, industrial or institutional building), or any articles or areas associated with such structures, including building contents and landscaping (but not including outdoor commercial ornamental tree and shrub production areas).

c) Wettable powder products for use on the following crops: Beans (dry), Carrots, Cotton, Peas (dry), Pineapple, Sweet corn, Sweet potatoes, Tobacco, and Tomatoes.

ONLY FOR FORMULATION INTO AN INSECTICIDE FOR THE FOLLOWING USES:

**Outdoor Fruit and Nut Crops**

Almonds, Apples, Apricots, Blueberries, Cherries, Citrus (non-bearing trees and nursery stock), Filberts, Nectarines, Peaches, Pears, Pineapples, Plums, Prunes, Strawberries, and Walnuts.

**Field and Vegetable Crops**

Beans, (dry), Broccoli, Brussels sprouts, Cabbage, Carrots, Cauliflower, Celery, Collards, Corn (sweet corn, fresh vegetable use only), Cotton, Cucumbers, Eggplants, Kale, Lettuce, Melons (all), Mustard greens, Peas (dry), Peppers, Potatoes, Pumpkins, Squash (summer and winter), Sweet potatoes, Tobacco, Tomatoes, and Turnips.

**Commercial Greenhouse Use**

Tomatoes

**Ornamental Trees and Shrubs**

(Commercially Grown Outdoors Only)

Dogwood, Douglas fir (grown for ornamentals, nursery stock or Christmas trees - Pacific Northwest only), Leatherleaf fern, Lilac, Pines (Austrian, Jack, Red, Scotch, White), Shade trees (except Birch), Shrubs, Spruce (New England area only) and Taxus.

This product may be used to formulate products for specific use(s) not listed on this label if the formulator, user group or grower has complied with U. S. EPA data submission requirements regarding the support of such use(s).

**STORAGE AND DISPOSAL (Cont'd.)**

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, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Refillable Container:** Refillable container. Refill this container with this product 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 percent 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.

**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 recommended 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, the Manufacturer or the Seller shall not 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 the directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage and disposal.

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in tightly capped original containers only. Store in a cool, dry, well-ventilated place and avoid excess heat.

Carefully open containers. After partial use, replace lids and close tightly. The solid technical is sensitive to moisture, acids and bases. Decomposition will generate sulfur dioxide and endosulfan alcohol. Care should be exercised by workers entering the storage area since there is the possibility that sulfur dioxide may be present. Do not put concentrate or dilute material into food or drink container. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

**In case of spill:** Avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

**To confine spill:** If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in holding container. Identify contents.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use 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 DISPOSAL:**

**Nonrefillable Container (Rigid—Greater than 50 lbs.):** 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.

(Continued)