

19713-105

1/28/2010

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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

JAN 28 2010

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

Dear Ms. Chan:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 2007-4 dated November 13, 2009 for:

- | | |
|-----------------------------------|-----------------------------|
| EPA Registration 19713-105 | Drexel Leven-38 |
| EPA Registration 19713-1 | Drexel Sucker-Stuff |
| EPA Registration 19713-510 | Drexel Drexalin Plus |

The Registration Division (RD) has conducted a review of this request for applicability under PR Notices 2007-4 and finds that the label changes requested falls within the scope of PR Notices 2007-4. 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,

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

2010



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 19713-105	2. EPA Product Manager TONY KISH	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DREXEL LEVEN-38	PM# 22/Fungicide 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: EPA Reg. No. _____ Product Name _____	

Section - II

Amendment - Explain below. Final printed labels in response to Agency letter dated _____
 Resubmission in response to Agency letter dated _____ "Me Too" Application.
 Notification - Explain below. Other - Explain below.

NOTIFICATION
JAN 28 2010

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

Submission of revised label per PR Notices 2007-4. Thank you.

Section - III

1. Material This Product Will Be Packaged In:

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	2. Type of Container <input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container
1, 2.5, 5, 10, 15, 30, 55, 265 Gal; Bulk

5. Location of Label Directions
 On the label

6. Manner in Which Label is Affixed to Product
 Lithograph Paper glued Stenciled 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
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Certification
 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.

2. Signature <i>Luza Chan</i> 2009.11.13 08:47:45 -06'00'	3. Title REGISTRATION MANAGER	6. Date Application Received (Stamped)
4. Typed Name LUZ G CHAN	5. Date November 13, 2009	

3016



Drexel Chemical Company

November 13, 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 per PR Notices 2007-4
DREXEL LEVEN-38 (EPA Reg. No. 19713-105)**

Herewith:

1. Completed EPA Form 8570-1
2. One copy of the label (105SP-1109*) with the following revision per PR Notice 2007-4 :

Under Refillable Containers, "this product" was changed to simply read "pesticide".

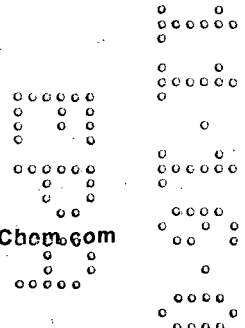
The change was highlighted for easy reference.
3. Certification Statement

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

Thank you.

Respectfully yours,
FOR DREXEL CHEMICAL COMPANY

Luz Chan
Luz Chan
Registration Manager



4096

NOTIFICATION

JAN 28 2010

Drexel



Leven-38[®]

Tobacco Sucker Control Agent

ACTIVE INGREDIENTS:

n-Decanol	38.3%
Potassium salt of 1,2-dihydro-3,6-pyridazinedione*	11.1%
OTHER INGREDIENTS:	50.6%
TOTAL:	100.0%

*Maleic hydrazide equivalent is 0.66 pound per gallon. This product contains 4.0 pounds of active ingredients per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See **FIRST AID** Below
SHAKE WELL BEFORE USING

EPA Reg. No. 19713-105

EPA Est. No. 19713-XX-XXX Net Content: _____

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 or convulsing person.

IF IN EYES:

- 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:

- 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 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 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.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, and shoes plus socks.

(Continued)

PRECAUTIONARY STATEMENTS (Cont'd.)

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.

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.

SURFACE WATER ADVISORY

Under some conditions, maleic hydrazide may have a significant potential for runoff into surface water (primarily via dissolution in runoff water) for several days postapplication. Conditions favoring runoff include poorly drained soils or wet soils with readily visible slopes, frequently flooded areas, areas where an intense or sustained rainfall is forecast to occur within 48 hours, areas overlying extremely shallow groundwater and areas overlying tiles drainage systems that flow to surface water.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or 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.

PHYSICAL OR CHEMICAL HAZARDS

Keep away from heat and open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the REI of 24 hours.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soils or water is: Long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, and shoes plus socks.

LEVEN-38 is a contact and systemic sucker control agent which with one application kills small suckers on contact within one-half to one hour after application and then works systemically on the Tobacco plant to control cell subdivisions and the formation of new suckers. This product is formulated exclusively for the control of Tobacco suckers.

Manufactured by:

Drexel Chemical Company

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

SINCE 1972

This product can be applied by conventional mechanisms. Use a semi-coarse spray and spray one or more rows at a time wetting only the upper one-third to one-half of the Tobacco plant and allowing the liquid to run down the stalk of each plant, using only about 20 pounds of pressure. Plants that are leaning must be straightened so that the spray flows down the stalk evenly and contacts each sucker.

This product should be applied during the early morning after the dew dries, all day on cloudy days, avoiding late afternoon or night applications. Spraying during the bright noon day sun at atmospheric temperatures above 90°F should be avoided since injury to the top tender leaves may result.

Do not apply this product when the wind velocity is high enough to turn over the top leaves since injury may result from the application to the tender underside of the Tobacco leaf. Do not apply during a rain or when the leaves are still wet or when rain is predicted during the period of 12 hours following application. The contact agent in the formulation is effective within one hour after spraying, but the systemic agent requires about 6 hours for absorption throughout the entire plant and rain within that period may reduce effectiveness. If applied during drought, the contact portion of the formulation continues to function normally, but the systemic sucker control action may be reduced because of the diminished absorption capabilities of the Tobacco plant under drought conditions.

Make sure the content of this product is well-mixed and shaken before measuring.

BURLEY TOBACCO

Top the Tobacco plants when they are at about the full-flower stage and remove, by hand, all suckers which are over one inch. The plants should be sprayed promptly (within one day after topping). Add 9 quarts of this product to 10 to 20 gallons of water and with the mixer running, add more water to bring the volume up to a total of 50 gallons. Operate the sprayer at a speed of 2.5 to 3 miles per hour and apply 50 gallons of diluted emulsion per acre of Tobacco. Use a semi-coarse spray covering the top one-third to one-half of the plant and allowing the liquid to run down the stalk to the bottom of each plant using only about 20 pounds of pressure. For the compressed air shoulder sprayer, use 1 pint of this product per 3 gallons of water and mix well before using. Apply at a rate of 3 gallons of diluted emulsion per 667 plants, agitating the solution from time to time during spraying.

FLUE-CURED TOBACCO

Apply this product, after topping, at early flower (one week after button). Remove, by hand, all suckers which are over one inch. The plants should be sprayed promptly. Add 12 quarts of this product to 10 to 20 gallons of water and with the mixer running, add more water to bring the volume up to a total of 50 gallons. Operate the sprayer at a speed of 2.5 to 3 miles per hour and spray 50 gallons of diluted emulsion per acre to Tobacco. Use a semi-coarse spray covering the top one-third to one-half of the plant and allowing the liquid to run down the stalk to the bottom of each plant, using only about 20 pounds of pressure.

DARK, MARYLAND, AND CIGAR TOBACCO

As soon as the plants are in full flower, top, remove all suckers from early maturing plants and spray this product uniformly within 24 hours (3 days for PA Cigar) after topping at the rate of 3 gallons in 30 to 50 gallons of water per acre. This product may be applied with either a tractor or with a compressed air shoulder sprayer.

THIS PRODUCT IN TANK MIXTURE WITH PRODUCTS CONTAINING FLUMETRALIN (SUCH AS DREXALIN PLUS)

TANK MIXTURE WITH DREXALIN PLUS

DREXALIN PLUS is a product containing flumetralin as active ingredient. Other products containing flumetralin approved for use on tobacco by EPA can also be tankmixed with this product. Follow precautions and label restrictions on these labels and the label of this product. Always follow the most restrictive label.

Flue Cured Tobacco

Remove by hand all suckers which are over one inch long. The plants should be sprayed within 72 hours or before the suckers reach one-half inch.

Following two applications of a contact fatty alcohol tobacco sucker control agent such as Sucker-Plucker®, apply 3 gallons of this product plus 2 quarts of Drexalin Plus in 46.5 gallons of water per acre about 5 to 7 days after the second application of contact fatty alcohol. Do this by adding 3 gallons of this product and 2 quarts of Drexalin Plus to 10 to 20 gallons of water. With the mixer running, add more water to bring the volume up to a total of 50 gallons. Operate the sprayer at a speed of 2.5 to 3 miles per hour and spray 50 gallons of diluted emulsion per acre to tobacco. Use a coarse spray covering the top one-third to one-half of the plant and allow the liquid to run down the stalk to the bottom of each plant using only about 20 pounds of pressure.

Burley, Dark, Maryland, and Cigar Tobacco

Remove by hand all suckers which are over one inch long. The plants should be sprayed within 72 hours or before the suckers reach one-half inch.

Apply this product in tank mixture with Drexalin Plus at the early button stage 5 to 7 days after application of a contact fatty alcohol tobacco sucker control agent such as Sucker-Plucker.

For powered spray equipment, add 3 gallons of this product and 2 quarts of Drexalin Plus to 10 to 20 gallons of water. With the mixer running, add more water to bring the volume to a total of 50 gallons. Operate the sprayer at a speed of 2.5 to 3 miles per hour and apply 50 gallons of diluted emulsion per acre of tobacco. Use a coarse spray covering the top one-third to one-half of the plant and allow the liquid to run down the stalk to the bottom of each plant using only about 20 pounds of pressure.

For compressed air shoulder sprayer, use 23 fluid ounces of this product and

3.75 fluid ounces of Drexalin Plus per 3 gallons of water. Mix well before using. Apply at a rate of 3 gallons of diluted emulsion per 667 plants, agitating the solution from time to time during spraying.

USE PRECAUTION

Do not use contact fatty alcohols and maleic hydrazide products unless they are EPA registered.

Make sure the content of this product is well-mixed and shaken before measuring.

NOTES:

1. Do not apply within 7 days prior to harvest to minimize residue. It is recommended that no more than one application be applied to assure low residue levels.
2. Do not tank mix this product with any other chemicals or agents other than what is recommended on this label. Apply separately and do not apply to plants which have been recently treated with insecticides.
3. Mix well prior to use and, if allowed to stand during the use, mix again before applying since the diluted emulsion may separate on standing.
4. Do not use on Burley tobacco during periods of high heat and humidity or under conditions which favor the spread of Tobacco diseases.
5. Make sure that the spray equipment is clean before use. Do not contaminate water by cleaning of equipment or disposal of wastes.
6. Do not use on seed Tobacco.
7. Do not allow drift to nearby crops.
8. Usage according to the directions outlined has resulted in adequate sucker control with very little or no leaf injury. Application not in accordance with the directions may lead to injury of leaves or improper sucker control.
9. This label must be in the possession of the user at the time of pesticide application.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not store near food or feedstuffs and keep away from heat and open flames.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 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, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (rigid material; 5 gallons or greater): 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, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable Containers:

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.

leaf

WARRANTY—CONDITIONS OF SALE

OUR RECOMMENDATIONS 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, 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.

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