



019713-00507-042299

Printed: 13:14:07 Friday, 21 May, 1999 # 77 / 2943

Systems Integration Group, Inc.



PM 22

19713-507

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

4/22/99

EPA Reg. Number:

19713-507

Date of Issuance:

APR 22 1999

## NOTICE OF PESTICIDE:

XX Registration       Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

N-Dec-A-No1

(under FIFRA, as amended)

## Name and Address of Registrant (include ZIP Code):

Luz G. Piwonka  
Drexel Chemical Co.  
P. O. Box 13327  
1700 Channel Avenue  
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/cite all data required for registration/reregistration of your product under FIFRA Section 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. Revise the EPA Registration Number to read, "EPA Reg. No. 19713-507".
3. Correct the referral statement immediately below the WARNING/AVISO statement to read:  
"See FIRST AID and PRECAUTIONARY STATEMENTS below"
4. Correct PRECAUTIONARY STATEMENTS (under WARNING:) to read:  
Causes substantial but temporary eye injury. Do not get in eyes or on skin and clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Harmful if swallowed, inhaled. Avoid breathing of spray mist.

Signature of Approving Official:

Cynthia Giles-Parker, Product Manager (22)  
Fungicide Branch, Registration Division (7505C)

Date:

APR 22 1999

5. Under PRACTICAL TREATMENT (FIRST AID) update eye statement to read:

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

6. Submit two copies of the revised final printed label before you release your 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 stamped copy of the label is enclosed for your records.

Cynthia Giles-Parker, Product Manager (22)  
Fungicide Branch  
Registration Division (7505C)

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

APR 22 1999

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

19713-507

Drexel

# N-Dec-A-Nol

Contact Tobacco Sucker Control Agent

## ACTIVE INGREDIENT:

n-Decanol (Fatty alcohol C<sub>10</sub>-100%)\* ..... 79.0%

OTHER INGREDIENTS: ..... 21.0%

TOTAL: ..... 100.0%

\*Weight of Active Ingredient is 5.72 pounds per gallon.

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 this label, find someone to explain it to you in detail).

See FIRST AID Below

SHAKE WELL BEFORE USING

EPA Reg. No. 19713-LNT

EPA Est. No. 19713-GA-1

Net Contents: \_\_\_\_\_

### FIRST AID

IF SWALLOWED: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol.

IF IN EYES: Immediately flush eyes with plenty of water. Get medical attention.

IF ON SKIN: Wash skin with soap and plenty of water. If irritation develops, send for a physician.

### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: Harmful if swallowed, avoid breathing of spray mist. May cause irritation of nose, throat and skin. Causes substantial but temporary eye injury. Do not get in eyes or on skin and clothing.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: Coveralls over short-sleeved shirt and short pants, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear, chemical-resistant headgear for overhead exposure and chemical-resistant apron when cleaning equipment, mixing or loading.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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 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

For terrestrial uses, 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 apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

N-DEC-A-NOL is a trademark of Drexel Chemical Company.  
SUCKER STUFF is a registered trademark of Drexel Chemical Company.

### GENERAL INFORMATION

N-Dec-A-Nol is a carefully balanced combination of active ingredients and wetting agents (surfactants) to be used for the control of sucker growth of all types of tobacco. The concentrated product is diluted with water to form a creamy emulsion which is applied as a coarse spray. The emulsion is effective only when it comes in direct contact with suckers; therefore, the material is applied alone or can be followed by a systemic sucker control agent in a dual treatment program.

### 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, 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 in this labeling about personal protective equipment (PPE), restricted entry intervals (REI) and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

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

Personal Protective Equipment required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls over short-sleeved shirt and short pants, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear and chemical-resistant headgear for overhead exposure.

### TIME OF APPLICATION

Top Tobacco plants at the late button to early flower stage and remove any suckers which have grown over one inch. Because this product is a contact-type agent, it is necessary to straighten any plants that are leaning so that the emulsion flows down the stalk evenly and contacts each sucker.

The Tobacco plants should be sprayed within two days after topping and removal of suckers. This product can be applied anytime during the day until about 7:30 p.m.; however, best results are obtained when plants are sprayed in the morning after the dew has dried or in the afternoon when the plants have recovered from wilt. Some injury to the tender leaves at the top of the plant may result from application of this product under bright sunlight at temperatures above 90°F. Injury may also result if this product is applied to the underside of the Tobacco leaf; thus, application in winds high enough to turn over the top leaves is not recommended. Do not apply during rain or to wet plants; however, if the material has been on the plants over an hour before being washed off by rain, reapplication should not be necessary.

Manufactured By:

Drexel Chemical Company

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

Since 1972

#### NUMBER OF APPLICATIONS

In many cases a single application of this product is satisfactory to control both primary and secondary suckers. If secondary sucker growth appears vigorous a second treatment 5 to 7 days after the initial treatment may be advantageous.

Excellent leaf quality can be obtained with the use of this product alone in one or, where necessary, two applications. Some growers favor a dual treatment using this product first (at the late button stage) followed 1 to 2 weeks later with a systemic sucker control agent (Maleic Hydrazide) used in accordance with manufacturer's instructions.

#### TANK MIX DIRECTIONS FOR FLUE-CURED TOBACCO— SUCKER CONTROL

This product plus Drexel Super Sucker Stuff: Mix 1½ gallons of this product and 1½ gallons Super Sucker Stuff in 47 gallons of water for each acre. Maintain good agitation during mixing and while spraying. This product plus Drexel Sucker Stuff: Mix 1½ gallons this product and 1 gallon Sucker Stuff in 47 gallons of water for each acre. Maintain good agitation during mixing and while spraying.

Method of Application: Use the "Tank Mix" of this product and Super Sucker Stuff or this product and Sucker Stuff at the early flower stage.

Tobacco should be topped and suckers over 1 inch long removed. The spray mixture should be directed to the upper ⅓ of the plant and the sprayer operated at low pressure, similar to that of a contact application. This will ensure that the droplets are large enough for some of the mixture to run down the stalk. This "Tank Mix" usually follows a contact sucker control application applied in the button stage. Use normal spray precautions such as you would while applying contact control materials.

#### NOTES:

1. One application of the tank mix per growing season.
2. Do not harvest within 7 days of application.
3. All applicable directions, restrictions and precautions are to be followed.

Rate of Application for Flue-cured Tobacco: This product should be diluted at the rate of 3¼ ounces per gallon of water or 1½ gallons of water per acre. When using this product on dark Tobacco, 7 to 8 ounces per gallon of water should be used.

Rate of Application for Air-cured (Burley, Maryland and Cigar) Tobacco: This product should be diluted at the rate of 5 ounces per gallon of water or 2 gallons in 50 gallons of water. When applied by hand, 1 gallon of this product diluted, will treat 130 to 190 plants. If a power sprayer is used, 40 to 60 gallons of diluted product should be applied per acre of Tobacco.

Method of Application: The diluted emulsion is most easily prepared by adding the required amount of this product to your spray tank and then adding the water. In order to obtain the best results, IT IS IMPORTANT THAT THE WATER BE ADDED TO THIS PRODUCT RATHER THAN THIS PRODUCT TO THE WATER. If you use a hand-held or back pack sprayer, the diluted emulsion should be applied at the rate of ¼ to 1 ounce per plant (or enough to ensure run down to the bottom of the plant). A coarse spray is recommended, directed downward at the top of the stalk from 6 to 8 inches above the top leaves. Very little tank pressure is required and in no case should more than 20 pounds be used.

When applied with power equipment, three nozzles per row should be used (TG-3 full cone tips, or equivalent are recommended). One nozzle should be directed downward over the center of the row and one should be 9 inches on either side directed at or slightly above the center of the stalk. This diluted product should be applied to the topped Tobacco as a coarse spray from a height of 12 to 18 inches above the top stalk. It is recommended that boom pressure be kept at 20 to 25 pounds pressure, and operating at a tractor speed of 2½ to 3 mph, you will apply approximately 50 gallons of diluted emulsion per acre of Tobacco.

434  
PRECAUTION: If allowed to stand for extended periods of time, the diluted emulsion may separate. ALWAYS REMEMBER TO MIX WELL IMMEDIATELY BEFORE USING.

In order to minimize the possibility of injury to the Tobacco plants, do not mix this product with other chemicals such as insecticides or herbicides or apply this product to plants which have recently been treated with such chemicals. Be sure that all spray equipment has been carefully rinsed out prior to using. In burley tobacco during prolonged periods of high heat and humidity or under other conditions which might favor the spread of hollow stalk or stem rot diseases, delay application of this product until these conditions pass.

#### STORAGE AND DISPOSAL

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

**STORAGE INSTRUCTIONS:** Storage should be under lock and key in a ventilated room and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. Do not stack containers over 2 pallets high. Move containers by handles or cases. Do not move containers from one area to another unless they are securely sealed. Keep containers tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Avoid contamination with oxidizing materials. Store in original containers only. If the contents are leaking or material is spilled follow these steps:

1. Contain spill, absorb with a material such as saw dust, clay granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with soap and water to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Place a leaking container in plastic tub and transfer contents as soon as possible to an empty original container.
6. Do not allow runoff to enter sewer or contaminate water supplies.
7. Dispose of waste as indicated below:

**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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

#### WARRANTY—CONDITION 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. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

In no case shall Manufacturer or 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.