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264-417 PM12

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (BN-567) WASHINGTON, D.C. 20460  <b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 264-417	DATE OF ISSUANCE 12/26/84
	TERM OF ISSUANCE Indefinite	
	NAME OF PESTICIDE PRODUCT Dial 150 A Carb Pesticide for Use on Citrus	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Dial 150 A Carb Pesticide  
 Products Company, Inc.  
 P.O. Box 12114  
 Research Triangle Park, N.C. 27709

**NOTE:** Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

307(f)(1)(A) provides that you:

1. submit and/or file all data required for registration/reregistration of your product under FIFRA sec. 301(5) when the Agency requires all registrants of similar products to submit such data.
2. add the phrase "EPA registration No. 264-417" to your label before you release the product for shipment.
3. submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-7's enclosed for a full description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 8(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Jay G. Eilenberger  
 Product Manager (12)  
 Insecticide/Rodenticide Branch  
 Registration Division (IS-767)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: *[Signature]* DATE: 1/26/85

**BEST AVAILABLE**

RESTRICTED USE PESTICIDE

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 applicators certification.

TEMIK® 15G ALDICARB PESTICIDE  
For Use on Citrus Only

For Control of Certain Insects, Mites and Nematodes on Oranges, Grapefruit, Lemons, and Limes Only

ACTIVE INGREDIENT:

Aldicarb [2-methyl-2-(methylthio) propionaldehyde  
O-(methylcarbamoyl)oxime] . . . . . 15%

INERT INGREDIENTS . . . . . 85%

EPA REG. NO. 264-

EPA EST. NO. 10352-GA-01

KEEP OUT OF REACH OF CHILDREN

DANGER

POISON

PELIGRO

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la informacion en la etiqueta le haya sido explicada ampliamente.

PRECAUTIONARY STATEMENTS: See Below.  
See Directions For Use On Enclosed Booklet

IN CASE OF EMERGENCY, TELEPHONE COLLECT (24 HOURS A DAY) IN THE U.S.A.  
(304) 744-3487

FOR GENERAL INFORMATION CALL 800-334-9745

UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.  
P. O. Box 12014, T. W. Alexander Drive  
Research Triangle Park, North Carolina 27709

TEMIK is the registered trademark of Union Carbide Corporation for aldicarb pesticide.

MADE IN U.S.A.  
NET WT. \_\_\_\_\_

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

APC-2248-473305-13-MCIT

DEC 26 1984

0244G/Pending/10-04-84  
(Revised 0267G/12-14-84)

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

264-417

## PRECAUTIONARY STATEMENTS

## DANGER

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

POISONOUS IF SWALLOWED. CAUSES CHOLINESTERASE INHIBITION. MAY BE FATAL OR HARMFUL BY SKIN OR EYE CONTACT OR BY BREATHING DUST. RAPIDLY ABSORBED THROUGH SKIN OR EYES DO NOT GET ON SKIN OR EYES. DO NOT BREATHE DUST.

WEAR LONG-SLEEVED CLOTHING OR PROTECTIVE GLOVES WHEN HANDLING. WASH HANDS AND FACE BEFORE EATING OR SMOKING. BATHE AT THE END OF WORK DAY, WASHING ENTIRE BODY AND HAIR WITH SOAP AND WATER. CHANGE CLOTHING DAILY. WASH CONTAMINATED CLOTHING IN STRONG WASHING SODA SOLUTION AND RINSE THOROUGHLY BEFORE REUSING.

## SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Salivation	Muscle tremor	Nausea
Watery eyes	Difficult breathing	Vomiting
Pinpoint eye pupils	Excessive sweating	Diarrhea
Blurred vision	Abdominal cramps	Weakness
	Headache	

IN SEVERE CASES, CONVULSIONS, UNCONSCIOUSNESS AND RESPIRATORY FAILURE MAY OCCUR.

## ANTIDOTE STATEMENT

ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. SEE NOTE TO PHYSICIAN BELOW.

## STATEMENT OF PRACTICAL TREATMENT

## GENERAL

Contact a physician immediately in all cases of suspected poisoning. If breathing stops, start artificial respiration, establish an airway and provide oxygen. Make certain to remove all sources of continuing contamination. Remove clothing and wash skin and hair immediately with large amounts of water. Transport the patient to a physician or hospital immediately and SHOW A COPY OF THIS LABEL TO THE PHYSICIAN.

IF SWALLOWED: Drink 1 to 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. Call a physician and follow advice listed above.

IF IN EYES: Flush eyes with plenty of water and get medical attention.

IF ON SKIN: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Remove contaminated clothing and wash before reuse.

IF INHALED: Call physician and follow advice listed above.

**NOTE TO PHYSICIAN**

TEMIK® aldicarb is a methyl carbamate insecticide, which is a cholinesterase inhibitor. Overexposure to this substance may cause toxic signs and symptoms due to stimulation of the cholinergic nervous system. These effects of overexposure are spontaneously and rapidly reversible.

Specific treatment consists of parenteral atropine sulfate. Caution should be maintained to prevent overatropinization. Mild cases may be given 1 to 2 mg intramuscularly every 10 minutes until full atropinization has been achieved and repeated thereafter whenever symptoms reappear. Severe cases should be given 2 to 4 mg intravenously every 10 minutes until fully atropinized, then intramuscularly every 30 to 60 minutes as needed to maintain the effect for at least 12 hours. Dosages for children should be appropriately reduced. Complete recovery from overexposure is to be expected within 24 hours.

Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended unless organophosphate intoxication is also suggested.

To aid in confirmation of a diagnosis, urine samples should be obtained within 24 hours of exposure and immediately frozen. Analyses will be arranged by Union Carbide Agricultural Products Company, Inc.

Consultation on therapy can be obtained at all hours by calling the Union Carbide emergency number: (304) 744-3487.

**ENVIRONMENTAL HAZARDS**

**DECOMPOSITION AND MOVEMENT IN SOIL:** This product is readily decomposed into harmless residues under most use conditions. However, a combination of sandy and acidic soil conditions, moderate to heavy irrigation and/or rainfall, use of 20 or more pounds per acre, and soil temperature below 50°F at application time, tend to reduce degradation and promote movement of residues to groundwater. If this describes your local use conditions and groundwater in your area is used for drinking, do not use this product without first contacting Union Carbide at 1 (800) 334-8577.

**TOXIC TO FISH, BIRDS, AND WILDLIFE**

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Cover or incorporate granules in spill areas. Runoff from treated areas may be hazardous to fish in neighboring areas. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

**GENERAL DIRECTIONS FOR USE**

READ ENTIRE LABEL BEFORE USING THIS PRODUCT.

#### GENERAL INFORMATION

This product controls certain insects, mites and nematodes. When applied into moist soil the active ingredient is rapidly absorbed by roots and translocated throughout all parts of the plant. Rainfall or irrigation soon after application will insure prompt uptake of aldicarb. Control often lasts more than six weeks varying with growing conditions, rate of use and pests. Crop yields are usually increased with treatments of TEMIK®.

#### GENERAL CAUTIONS

Use this product only in accordance with label directions, warnings and cautions. Do not use on any crop not listed on this label or supplemental labeling as any residues remaining may be illegal or harmful. DO NOT STORE OR USE IN OR AROUND THE HOME OR HOME GARDEN. Use high rate on heavy organic or clay soils. Do not over-apply.

Calibrate and adjust application equipment to insure proper rate and accurate placement. Clean application equipment thoroughly after use. For any left over material see instructions for STORAGE AND DISPOSAL in this booklet.

Deep disc any spills at row ends immediately to prevent birds from feeding on exposed granules.

#### COMPATIBILITY

Pesticidal activity of this product is not affected by normal applications of fertilizers or other pesticides. It may be reduced or lost if applied with alkaline materials such as lime. To minimize potential exposure hazards, do not mix this product with other materials before application.

#### GENERAL WORKER PROTECTION STATEMENTS

Do not apply this product in such a manner as to directly expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective footgear. Persons coming in direct contact with wet treated soil after the initial irrigation or rainfall following treatment shall wear coveralls and rubber or neoprene boots and gloves. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Advise workers to stay out fields during application. Regular long-sleeved work clothing should be worn when working in treated fields. See Precautionary Statements, Statement of Practical Treatment and Note to Physician for information on accidental exposures. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: Appropriate signal word (DANGER - POISON), area treated with aldicarb, date of application, appropriate protective clothing, and reentry requirements.

## STORAGE AND DISPOSAL

### STORAGE

Store unused TEMIK® Aldicarb Pesticide in original container only, in well ventilated clean dry area out of reach of children and animals. Do not store in areas where temperature averages 115°F or greater. Do not store in or around the home or home garden.

If container is broken, handle with rubber gloves. Do not get dust or granules on skin or eyes. Do not breathe dust. Sweep up and bury any small spills or excess TEMIK® Aldicarb at least 18 inches deep in soil isolated from water supplies and food crops.

### PESTICIDE DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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

Completely empty container into the application equipment. Then dispose of container in a sanitary landfill or by incineration, or if allowed by State and local authorities, open burning. When burning the container, stay away from and do not breathe or contact smoke.

IN CASE OF A TRANSPORTATION OR WAREHOUSE EMERGENCY INVOLVING A SPILL, FIRE, OR EXPOSURE, CALL COLLECT (304) 744-3487 TWENTY-FOUR HOURS A DAY IN THE U.S.A.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS, OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER OR NOT SUCH LIABILITY IS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

## DIRECTIONS FOR USE ON CITRUS (Grapefruit, Oranges, Lemons, and Limes only)

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. To provide maximum performance and to minimize hazard to birds, work granules into or cover with soil to a depth of 2 inches or more. Deep disc any spills at row ends immediately to prevent birds from feeding on granules.

PESTS CONTROLLED	POUNDS/ACRE (18 TO 25 FT ROW SPACING)	RECOMMENDED APPLICATION
Citrus Nematode (Except Florida)	67	Apply just prior to or during the spring flush of foliage growth in a band along the dripline on both sides of tree row. Spread granules uniformly and immediately work into the soil (preferred method); OR, shank granules 2 to 3 inches deep using 4 to 6 shanks on 12 inch centers. The width of each band should equal one fourth the tree row spacing.
	33 - 67 (Texas only)	
Aphids Mites: Citrus Red Citrus Rust Texas Citrus	33 - 67 (Except Florida)	Apply as above, or apply in irrigation furrows using two shanks per furrow.
Aphids Mites: Citrus Rust Texas Citrus	33 (Florida only)	Apply as above between January 1 and April 30 only.

## PRE-HARVEST AND GRAZING USE INFORMATION AND OTHER LIMITATIONS

To avoid illegal residues:

- Do not make more than one application per year.
- Do not allow livestock to graze in treated areas.
- Do not harvest lemons within 30 days of application.