



ALDICARB PESTICIDE

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

Active Ingredient Protected by U.S. Patent No. 3,217,037

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

MADE IN U.S.A.

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264-417

APC-2100-023-76-CITRUS

RESTRICTED USE PESTICIDE

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY THOSE USES COVERED BY THE CERTIFIED APPLICATORS CERTIFICATION.



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)propionylthio-
O-(methylcarbamoyl)oxime] 15%
Inert ingredients 85%

EPA REG. NO. 264-417 EPA EST. NO. 10352-GA-01

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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, 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 soil 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 33-67 (Texas only)	Apply just prior to or during the spring flush of foliage growth in a band along or within open 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.
Aphids Mites Citrus Red Citrus Rust Texas Citrus Whiteflies	33-67 (Except Florida)	Apply as above, or apply in irrigation furrows using two shanks per furrow.
Aphids Mites Citrus Rust Texas Citrus Whiteflies	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.
- In Florida, TEMIK® brand Aldicarb Pesticide cannot be applied within 300 feet of any drinking water well. In addition, TEMIK® alicarb cannot be used in Florida citrus within 1000 feet of a drinking water well, when soils (such as Astata soils) have a permeability rate greater than 20 inches per hour with an available water capacity less than 0.06 in all layers to a depth of 80 inches as identified by the U.S.D.A. Soil Conservation Service, unless it is known or reasonably believed based on authoritative sources that such wells are either cased to 100 feet below ground level or a minimum of 30 feet below the water table. The U.S.D.A. Soil Conservation Service which serves your county can verify if the soils in your grove(s) fall within this category.
- Do not plant any crop other than those with registered alicarb uses in alicarb treated soil.

KEEP OUT OF REACH OF CHILDREN
DANGER POISON

PELIGRO

PRECAUCIONAL USARIO: SI USTED NO LEE INGLES, NO USE ESTE PRODUCTO HASTA QUE LA ETIQUETA LE HAYA SIDO EXPLICADA AMPLIAMENTE. (TRANSLATION TO THE USER: IF YOU CANNOT READ ENGLISH DO NOT USE THIS PRODUCT UNTIL THE LABEL HAS BEEN EXPLAINED TO YOU.)

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. KEEP AWAY FROM DOMESTIC ANIMALS.

WEAR LONG-SLEEVED CLOTHING, FULL-LENGTH TROUSERS, HEAD COVERING, AND PROTECTIVE GLOVES WHEN HANDLING. ALWAYS STAND UP-WIND FROM HOPPER WHEN LOADING. WASH HANDS AND FACE BEFORE EATING OR USING TOBACCO. 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	Nausea	Difficult breathing	Excessive sweating
Watery eyes	Blurred vision	Diarrhea	Abdominal cramps
Pinpoint eye pupils	Muscle tremor	Weakness	Headache
			Vomiting

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. Illness may be produced rapidly following overexposure to TEMIK® aldicarb. If breathing stops, establish an airway, start artificial respiration, 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 POISONING IS SUSPECTED IN ANIMALS, CONTACT A VETERINARIAN.

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything orally 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.

IF INHALED: Call a 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.

Gastric lavage may be used if this product has been swallowed. Temik aldicarb poisoning may occur rapidly after ingestion and prompt removal of stomach contents is indicated.

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 effort 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 diagnosis, urine samples should be obtained within 24 hours of exposure and immediately frozen. Analysis 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: 1-800-UCC-HELP.

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, aquatic invertebrates, and other wildlife. Birds feeding on exposed granules in treated areas may be killed. Cover or incorporate granules in spill areas. Runoff from treated areas may be hazardous to fish and 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.

IN CASE OF EMERGENCY, TELEPHONE 1-800-UCC-HELP
(24 HOURS A DAY) IN U.S.A.
FOR GENERAL PRODUCT INFORMATION CALL 1-800-334-9745.

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 aldicarb 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® brand 15G Aldicarb Pesticide.

GENERAL CAUTIONS

Use TEMIK® brand 15G Aldicarb Pesticide 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 exceed the maximum label rate. Applications at higher rates are more frequent levels than is stated on the label may result in illegal residues in crop, meat, and milk.

Calibrate and adjust application equipment to insure proper rate and accurate placement. Clean application equipment thoroughly after use. For any leftover 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 TEMIK® brand 15G Aldicarb Pesticide is not affected by normal applications of fertilizers or other pesticides. Its effectiveness may be reduced or lost if applied with alkaline materials such as lime. To minimize potential exposure hazards, do not mix TEMIK® brand Aldicarb Pesticide with other materials before application.

GENERAL WORKER PROTECTION STATEMENT

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 area 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 re-entry 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 of fields during application. Regular long-sleeved shirt, full-length trousers, and head covering should be worn when working in treated fields. See Precautionary Statement, 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 any 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 TEMIK® brand 15G Aldicarb Pesticide, date of application, appropriate protective clothing, and re-entry requirements.

STORAGE AND DISPOSAL

STORAGE

STORE UNUSED TEMIK® BRAND 15G 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 THE TEMPERATURE AVERAGES 115° OR GREATER. DO NOT STORE IN OR AROUND THE HOME OR HOME GARDEN.

IF CONTAINER IS BROKEN, BEFORE CLEANING UP PUT ON LONG-SLEEVED SHIRT, FULL-LENGTH TROUSERS, HEAD COVERING AND RUBBER GLOVES. DO NOT GET DUST OR GRANULES ON SKIN OR IN EYES. DO NOT BREATHE DUST. ALWAYS STAND UP-WIND FROM SPILL WHEN CLEANING UP. 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 APPLICATION EQUIPMENT, THEN DISPOSE OF EMPTY CONTAINER IN A SANITARY LANDFILL OR BY INCINERATION, OR, IF ALLOWED BY STATE AND LOCAL AUTHORITIES, BY BURNING. IF CONTAINER IS BURNED, 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 1-800-UCC-HELP TWENTY-FOUR HOURS A DAY IN THE USA.