



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
 229832

Application for Pesticide - Section I

1. Company/Product Number 264-322	2. EPA Product Manager D. Edwards	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) TEMIK(R) brand 10G Aldicarb Pesticide	PM# 19	
5. Name and Address of Applicant (Include ZIP Code) Rhone-Poulenc Ag Company P. O. Box 12014, 2 T. W. Alexander Dr Research Triangle Park, NC 27709 <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

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<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.)

Notification that R-P is using an alternate brand name of CHIPCO(R) TEMIK(R) brand 10G Aldicarb Pesticide for this product.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt. No. per container		<input 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" Package wgt. No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product		
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 Warren A. Davis	Title Registration Manager	Telephone No. (Include Area Code) 919/549-2370
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.		6. Date Application Received (Stamped)
2. Signature <i>Lizbeth R. Simila</i>	3. Title Registration Manager	
4. Typed Name Lizbeth R. Simila	5. Date 11/17/95	

RESTRICTED USE PESTICIDE

ACUTE ORAL TOXICITY and GROUNDWATER CONTAMINATION

For retail sale to and use only by Certified Applicators or persons under the direct supervision of a Certified Applicator, and only for those uses covered by the Certified Applicator's certification.

FOR USE IN CALIFORNIA ONLY

CHIPCO[®] TEMIK[®] brand 10G

ALDICARB PESTICIDE

For Control of Certain Insects, Mites, and Nematodes On Field Grown Ornamentals and Liner Stock. Not for Use in Greenhouses or on Potted Ornamental Plants.

ACTIVE INGREDIENT: Aldicarb [2-methyl-2-(methylthio) propionaldehyde-O-(methylcarbamoyl)oxime] 10%

INERT INGREDIENTS: 90%

EPA Reg. No. 264-322

EPA Est. No. 264-GA-01



**KEEP OUT OF REACH OF CHILDREN
DANGER POISON PELIGRO**



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.)

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577
For PRODUCT USE Information Call 1-800-334-9745

STATEMENT OF PRACTICAL TREATMENT

ALDICARB IS AN N-METHYL CARBAMATE.

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 General advice.

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 General advice.

GENERAL

Contact a physician immediately in all cases of suspected poisoning. Illness may be produced rapidly following overexposure to CHIPCO[®] TEMIK[®] brand 10G Aldicarb Pesticide. If breathing stops, establish an airway and 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.

ANTIDOTE STATEMENT

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

NOTE TO PHYSICIAN

CHIPCO[®] TEMIK[®] brand 10G Aldicarb Pesticide 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. CHIPCO[®] TEMIK[®] brand 10G Aldicarb poisoning may occur rapidly after ingestion and prompt removal of stomach contents is indicated.

Specific treatment consists of the administration of parenteral atropine sulfate. Caution should be exercised 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 the patient is 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 such as pyridine 2-aldoxime methiodide are **NOT** recommended unless organophosphate intoxication is also suspected.

To aid in confirmation of a diagnosis, urine samples must be obtained within 24 hours of exposure and immediately frozen. Analysis will be arranged by Rhône-Poulenc Ag Company.

Consultation on therapy can be obtained at all hours by calling the Rhône-Poulenc emergency number: 1-800-334-7577.

PRECAUTIONARY STATEMENTS

DANGER

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

FATAL 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 in eyes. Do not breathe dust. Keep away from domestic animals. Always stand upwind from hopper when loading.

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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear coveralls over short-sleeved shirts and short pants, waterproof gloves, chemical-resistant footwear plus socks, chemical-resistant headgear for overhead exposure, protective eye wear, chemical-resistant apron when cleaning equipment, mixing or loading and a dust / mist filtering respirator (MSHA / NIOSH D / M approval number prefix TC-21C). Follow manufacturer's instructions for cleaning / maintaining PPE. Keep and wash PPE separately from other laundry. Wash contaminated clothing in strong washing soda solution and rinse thoroughly before reuse.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash body thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

Aldicarb residues may move into shallow groundwater under certain conditions. See the special restrictions included under the Ground Water Heading in this label. If there are any questions, contact Rhône-Poulenc at 1-(800) 334-9745.

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.

Run-off from treated areas may be hazardous to fish in neighboring areas. Do not apply directly to water, 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. Apply this product only as specified on this label.

NOTICE: Under the Endangered Species Act, it is a Federal Offense to use any pesticide in a manner that results in the death of a member of an endangered species.

GENERAL INFORMATION

READ ENTIRE LABEL BEFORE USING THIS PRODUCT.

CHIPCO® TEMIK® brand 10G Aldicarb Pesticide controls certain insects, mites, and nematodes. When applied and incorporated into moist soil, the active ingredient aldicarb is rapidly absorbed by roots and translocated to all parts of the plant. Rainfall or irrigation soon after application will ensure prompt uptake of aldicarb; however, if irrigation is necessary care should be taken not to over irrigate; doing so can cause reduced performance and increase the potential for chemical residues leaching into groundwater. Pest control often lasts more than six weeks but can vary with environmental conditions, rate of use, and pests. Plant vigor is usually increased with treatments of CHIPCO® TEMIK® brand 10G Aldicarb Pesticide. Pest control can be delayed if target crop is under water stress or if uptake of water and nutrients is impaired.

PLANT GROWTH STIMULATION: In the absence of recognizable target pests and under certain growing conditions, stimulation of plant growth by TEMIK® aldicarb on certain crops has been demonstrated under laboratory and field conditions. Plants may be visibly taller, greener, and denser. Faster grow-off and an increase in plant vigor and size often are results of the growth enhancement by CHIPCO® TEMIK® brand aldicarb. However, such effects do not occur with all crops or under all conditions. Therefore, this product should not be used solely as a plant growth regulator, and its effect as one should be considered a side benefit which may or may not occur as a consequence of its use.

GENERAL PRECAUTIONS

Use CHIPCO[®] TEMIK[®] brand 10G Aldicarb Pesticide only in accordance with label directions, warnings, and cautions.

DO NOT STORE OR USE IN OR AROUND THE HOME OR HOME GARDEN.

Do not exceed the maximum label rate as plant injury may result.

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.

Deep disc any spills at row ends immediately to prevent birds from feeding on exposed granules. Granules should be worked into the soil to a depth of at least 2 inches or covered with soil to a depth of at least 2 inches to provide maximum performance and to minimize hazard to birds.

Do not wash, load, or empty application equipment near any well, as this practice is a potential source of ground water contamination.

Do not apply in Del Norte or Humboldt counties in California.

PRE-HARVEST, GRAZING, MAXIMUM USE RATE, AND GROUND WATER LIMITATIONS

- Do not use treated plant parts for food or feed purposes.
- Do not treat nursery trees which will bear edible fruit within 2 years of treatment with CHIPCO[®] TEMIK[®] brand 10G Aldicarb Pesticide.

ROTATIONAL CROPS RESTRICTION

- Do not plant any food or feed crop not listed on the TEMIK[®] 15G brand Aldicarb Pesticide label (EPA Reg No. 264-330) or the TEMIK[®] 15G brand Aldicarb Pesticide label for Citrus (EPA Reg No. 264-417) in soil treated with CHIPCO[®] TEMIK[®] brand 10G Aldicarb Pesticide within 10 months after the last application with the following exceptions:

Six-month plantback restriction

- Do not plant wheat or barley within 6 months after last application.
- Do not plant bulb crops (such as onions or garlic) within 6 months after the last application.
- Do not plant brassica crops (such as broccoli or cabbage) within 6 months after the last application.

Eight-month plantback restriction

- Do not plant corn within 8 months of last application.
- Do not plant melons within 8 months after last application.
- Do not plant other cucurbits (such as cucumbers and squash) within 8 months after last application.
- Do not plant fruiting vegetables (such as tomatoes or eggplant) within 8 months after the last application.

MEAT AND MILK

- Do not allow livestock to graze in treated areas.

GROUND WATER

- AGRICULTURAL CHEMICALS HAVE THE POTENTIAL TO MOVE INTO SHALLOW GROUNDWATER. THE FOLLOWING RESTRICTIONS HAVE BEEN DEVELOPED TO PROTECT DRINKING WATER SUPPLIES CONTACT YOUR STATE PESTICIDE REGULATORY AUTHORITY FOR FURTHER INFORMATION ON STATE REQUIREMENTS FOR USE OF THIS PRODUCT
- Observe Environmental Hazard precautions regarding Decomposition and Movement in Soil, and carefully follow Directions For Use.
- Apply only between March 1 and September 1.
- Do not apply within 50 feet of any drinking water well.
- Do not wash, load, or empty application equipment near any well, as this practice is a potential source of ground water contamination.
- In fields having soils with less than 15% field moisture holding capacity, special care must be taken not to over-irrigate; such substantial over-irrigation promotes the leaching of chemicals.
- Do not apply this product in Del Norte or Humboldt Counties in California.
- Follow all state regulations restricting the use and application of this product, including limitations on applications near drinking water sources. In all cases the more restrictive requirements must be followed

COMPATIBILITY

Pesticidal activity of CHIPCO[®] TEMIK[®] brand 10G 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[®] aldicarb with other materials before application.

DIRECTIONS FOR USE

**It is a violation of federal law to use this product in a manner inconsistent with its labeling
Read entire label before using this product.**

FOR USE ONLY BY TRAINED PERSONNEL IN COMMERCIAL PRODUCTION OF ORNAMENTAL PLANTS

See PRECAUTIONARY STATEMENT, STATEMENT OF PRACTICAL TREATMENT, and NOTE TO PHYSICIAN for information on accidental exposures.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handler may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

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, and 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), notification to workers, and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

Exception: If the product is soil-incorporated or soil-injected, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. Once the REI has expired, do not allow persons to come into direct contact with treated soil wet as the result of the initial irrigation or rainfall after treatment unless they are wearing PPE 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.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

STORAGE AND DISPOSAL

STORAGE

Store unused CHIPCO® TEMIK® brand 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 (46°C) 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 upwind 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 open burning. If container is burned, stay away from and do not breathe or contact smoke.

IN CASE OF TRANSPORTATION OR WAREHOUSE EMERGENCY INVOLVING A SPILL, FIRE, OR EXPOSURE, CALL 1-800-334-7577 TWENTY-FOUR HOURS A DAY IN THE USA.

FOR PEST CONTROL IN FIELD GROWN ORNAMENTAL SPECIES GROWN IN SUCH A FASHION AS TO ALLOW APPLICATION AND INCORPORATION WITH STANDARD TRACTOR DRIVEN AGRICULTURAL EQUIPMENT (See Calibration Guide).

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. Please note the following application precautions.

- Product may only be applied as a soil incorporated application using properly calibrated positive displacement application equipment to assure accuracy and to minimize granule spillage.
- Do not apply with hand-held application equipment.
- Applications to commercial field grown ornamentals and nurseries shall not exceed 50 pounds of CHIPCO® TEMIK® 10G per acre per year.
- Make side-dress applications close enough to plants to allow good uptake by the roots without injuring the plants by pruning roots.
- Do not premix granules with water as the resulting solution may be seriously hazardous.
- Do not market plants or soil media (e.g. balled plants) within 4 weeks after last application as product residues remaining may be hazardous.
- On large trees or plants with woody stems, pest control can be delayed for 2-3 weeks due to slower systemic action. Maximum efficacy can be obtained when application is made during active plant growth.
- Do not store or use in the home or garden.
- Do not use in a greenhouse or on potted plants.

PLANT TOLERANCE

Plant tolerance to CHIPCO® TEMIK® brand 10G Aldicarb Pesticide has been found to be acceptable for the genera specified on this label. It is not possible to evaluate every species, variety, or cultivar of a specified genus for its tolerance to CHIPCO® TEMIK® brand Aldicarb. When the response by a certain species, variety or cultivar is unknown, the user should test a few plants using recommended rates prior to commercial usage.

COMMERCIAL FIELD GROWN ORNAMENTAL AND NURSERY PLANTINGS ONLY

(Not For Use in Greenhouses or on Potted Ornamentals)

Crop	Pests Controlled	Pounds Per Acre	Ounces Per 1000 Row Ft.	Recommended Application (Product may only be applied as a soil application)
Flower crops such as: Roses	Aphids, Lacebugs, Leafhoppers, Leafminers, Plant bugs, Thrips, Whiteflies and foliar Nematodes	50	61	Apply as a side-dress treatment to both sides of established plants prior to or as pest infestation occurs. All applications must be made subsurface using positive displacement equipment.
Bulbs such as: Dahlia Lily	Mealy bugs, Scale insects (Crawlers), Spider mites, and certain soil Nematodes.	50	61	Apply at planting in furrow, as a band over the row, or broadcast. If applied in furrow, avoid direct contact of granules with bulb or bulblet unless plant safety is known. If banded over row or broadcasted, incorporate immediately to a depth of at least 4 inches.
Trees such as: Birch Holly				Apply as a side-dress treatment to both sides of established plants as new growth begins to show or before serious pest infestation occurs. For plants 6 feet and under, side-dress granules 3 to 4 inches deep and 10 to 12 inches out from both sides of the row. Allow 2 to 3 weeks for maximum effect.

NOTE: Applications to commercial field grown ornamentals and nurseries shall not exceed 50 pounds of CHIPCO[®] TEMIK[®] 10G per acre per year.

Required Application Equipment:

Application of CHIPCO[®] TEMIK[®] 10G Aldicarb Pesticide to Field Grown Ornamentals **may only be made with** granular applicators which use Positive Displacement Metering Units (i.e., PDA) such as GANDY Orbit or Horstine Farmery Microband.

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.

Rhône-Poulenc Ag Company
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Research Triangle Park, North Carolina 27709

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CHIPCO TEMIK brand 10G Aldicarb Pesticide (PDA) (Substantiated 10/25/99)