



United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Application for Pesticide:

<input type="checkbox"/>	Registration
<input checked="" type="checkbox"/>	Amendment
<input type="checkbox"/>	Other

OPP Identifier Number

196618

Section I

1. Company/Product Number 264-471	2. EPA Product Manager Robert Forrest	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) CHIPCO MOCAP brand 5G Pesticide	PM# 14	
5. Name and Address of Applicant (Include ZIP Code) Rhone-Poulenc Ag Company 2 T. W. Alexander Drive RTP, 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 per PR Notice 88-6. This is to certify that this notification meets every requirement of PR Notice 88-6.

Notification of compliance with PR Notice 93-3, LABELING STATEMENT APPLICATION TO WATER.

NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 88-6 DATE 6/29/93

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		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container	<input type="checkbox"/> Glass
* Certification must be submitted.					<input type="checkbox"/> Paper
					<input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of 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 Patricia L. Kwiatkowski	Title Associate Registration Manager	Telephone No. (Include Area Code) 919-549-2631
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 	3. Title Associate Registration Manager	
4. Typed Name Patricia L. Kwiatkowski	5. Date June 25, 1993	

CHIPCO® MOCAP® BRAND 5G PESTICIDE

Restricted Use Pesticide

Acute dermal toxicity

For retail sale to, and use 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.

ACTIVE INGREDIENT:

Ethoprop: (O-Ethyl-S, S-Dipropyl Phosphorodithioate) 5.0 %

INERT INGREDIENTS 95.0 %

EPA Reg. No. 264-471

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

WARNING

ADVISO

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

TRANSLATION TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.

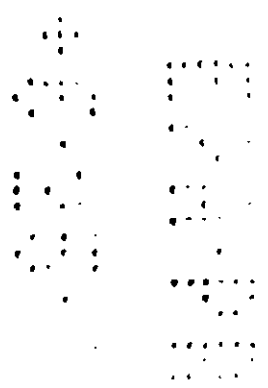
FOR ADDITIONAL PRECAUTIONARY STATEMENTS: See Inside Label

For PRODUCT USE Information Call 1-800-334-9745

For EMERGENCY Information ONLY Call 24 Hours A Day 1-800-334-7577

Rhone-Poulenc Ag Company
P.O. Box 12014, 2 T. W. Alexander Drive
Research Triangle Park, N. C. 27709

MOCAP is a registered trademark of Rhône-Poulenc.



**NOTIFICATION
LABEL NOT REVIEWED
PER FR NOTICE 88-8**
DATE 6/29/93

PRECAUTIONARY STATEMENTS

WARNING

HAZARD TO HUMANS AND DOMESTIC ANIMALS

May be fatal if absorbed through the skin. Harmful if swallowed or inhaled. Causes moderate eye irritation. Do not get in eyes, on skin or on clothing. Avoid breathing dust or vapor. Keep away from domestic animals.

Wear protective clothing and rubber gloves, wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Nausea, vomiting, abdominal cramps, diarrhea, excessive salivation, headache, dizziness, weakness, blurring or dimness of vision, excessive tearing, loss of muscular coordination, slurring of speech, twitching of muscles (especially of tongue and eyelids), mental confusion, disorientation, drowsiness, difficulty in breathing (chest tightness), runny nose.

Persons providing first aid should prevent contamination of themselves.

STATEMENT OF PRACTICAL TREATMENT

GENERAL

Contact a physician immediately in all cases of suspected poisoning. Illness may be produced rapidly following overexposure to CHIPCO® MOCAP® brand ethoprop. 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 soap and 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. Never give anything by mouth to an unconscious or convulsing person. Call a physician and follow advice listed above.

IF IN EYES: Flush with plenty of water and seek medical attention if irritation or pinpoint pupils persist.

IF ON SKIN: Wash thoroughly with soap and water and get medical attention if irritation persists. Remove contaminated clothing and wash before reuse.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN: This product is a cholinesterase inhibitor. Severe symptoms and signs include diarrhea, pinpoint and non-reactive pupils, respiratory difficulty, pulmonary edema, cyanosis, loss of sphincter control, convulsions, and coma.

Support respiration as needed. Measures should include removal of secretions, maintenance of patient airway, and if necessary, artificial ventilation.

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.

Start 2-PAM (PROTOPAM, Ayerst) at the same time. Give 1-2 grams PROTOPAM (20-40 mg/kg. for children) in 100 cc saline over 15-30 minutes. If pulmonary edema is present, give intravenously slowly as a 5% solution in water over a period of at least 5 minutes.

A second dose may be given after one hour if muscle weakness persists. Additional doses may be given cautiously for persistent muscle weakness. May be given by intramuscular or subcutaneous routes if intravenous administration is not feasible.

In case of skin contact wash patient with soap and water followed by wash with 95% ethyl alcohol. Keep patient under constant observation for 24-36 hours. Symptoms may persist for one month.

The use of theophylline, morphine, barbiturates, phenothiazines, reserpine, and succinyl choline is contraindicated.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms (fish and invertebrates), and wildlife. Birds feeding in treated areas may be killed. Cover or incorporate granules that are spilled. 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. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water.

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 IN LONG ISLAND, NEW YORK.

GENERAL INFORMATION

CHIPCO® MOCAP® brand 5G Pesticide is a granular product that when used in accordance with label directions will provide control of certain insects and nematodes in turfgrass. It must be incorporated with rainfall or irrigation immediately after application. Residual activity varies with dosage, environmental conditions, and pests involved.

Calibrate and adjust application equipment prior to application to insure proper rate and accurate placement. Do not exceed recommended rates as turf injury may result. CHIPCO® MOCAP® brand 5G Pesticide should not be applied with equipment carried on the chest. Do not use applicators which are likely to grind the granules or scatter the granules to areas outside the turfgrass area to be treated. Any granules on non-target areas such as walkways and driveways must be removed immediately by sweeping the granules onto the treated turf area. Avoid overlapping swaths.

Avoid contact with granules or breathing dust. Always wear protective clothing and equipment during application and handling.

Do not cut sod or handle cut sod which has been treated for a period of 21 days after treatment.

The pesticidal activity of CHIPCO® MOCAP® brand 5G is not affected by normal applications of fertilizers or other pesticides. Its effectiveness may be reduced or lost if applied with alkaline materials.

TURFGRASS RESPONSE INFORMATION

Avoid application of CHIPCO® MOCAP® brand 5G to newly seeded areas until grass is well established. Over seeding treated areas soon after application of CHIPCO® MOCAP® brand 5G can cause injury to young grass seedlings.

To prevent turf injury avoid application to wet foliage.

INCORPORATION INFORMATION

CHIPCO® MOCAP® brand Pesticide must be incorporated with rainfall or thorough irrigation immediately after application of insecticide to turfgrass. Failure to incorporate with water immediately may result in a hazard to animals, poor pest control, injury to turfgrass, and longer presence of chemical odor. **DO NOT** allow unprotected humans or animals to enter treated areas until grass and soil surfaces have dried.

FOR USE ON HOME LAWNS (DOMESTIC TURF) AND COMMERCIAL TURF
(NON-DOMESTIC SUCH AS GOLF COURSES AND SOD FARMS)

CHIPCO® MOCAP® brand 5G
FORMULATED PRODUCT

PEST	PER 1000 SQFT	PER ACRE	COMMENTS
White grubs (such as Japanese beetle, and <i>Phyllophaga spp. Larvae</i>) Black Turfgrass Ataenius Chinchbug Bluegrass Billbug Sod Webworm	2.25 lbs	100 lbs	For control of listed insect pests in turfgrass, apply uniformly with suitable equipment. Repeat treatment as necessary.
Mole Cricket	4.5 precautions under	200 under	Refer to DIRECTIONS FOR USE.
Lance Nematode* Lesion Nematode Pin Nematode Ring Nematode Root-Knot Nematode Spiral Nematode Sting Nematode Stubby Root Nematode Stunt Nematode	9.0 to 13.5 lbs	400 to 600 lbs	For control of listed nematode pests in turfgrass, apply uniformly with suitable equipment. Do not apply nematicidal rates to greens, tees, or other turfgrass cut to height of less than 0.375 inch. Repeat treatment as necessary. Refer to precautions under DIRECTIONS FOR USE.

*Suppression

STORAGE AND DISPOSAL
STORAGE

Do not contaminate water, food, or feed by storage or disposal. Do not store in or around the home.

CONTAINER DISPOSAL

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

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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; and (c) that the directions, warnings and other statements of this label are based upon responsible expert's 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 AND ALL CLAIMS, LOSSES, DAMAGES OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT 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 QUALITY 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.

NOTICE TO BUYER

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Rhône-Poulenc Ag Company

P.O. Box 12014, 2 T.W. Alexander Drive

Research Triangle Park, North Carolina 27709

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CHIPCO® MOCAP® brand 5G Nematicide-Insecticide (MASTER) Notification 6/25/93