

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 05-31-98

 <p style="text-align: center;">United States Environmental Protection Agency Washington, DC 20460</p>	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number <p style="text-align: center; font-size: 1.2em;">217530</p>
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Application for Pesticide - Section I

1. Company/Product Number 100-553	2. EPA Product Manager Taylor	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Cotoran® + MSMA	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Ciba Crop Protection P. O. Box 18300 Greensboro, NC 27419 <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 (PR Notice 95-2): Add crop injury advisory.

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			
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package 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) _____	
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 checked="" 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	Title	Telephone No. (Include Area Code)			
Thomas J. Parshley	Senior Regulatory Manager	910-632-7207			
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 Senior Regulatory Manager			
4. Typed Name Thomas J. Parshley		5. Date 9-18-95			

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(WPS)

Cotoran® + MSMA with Surfactant

Herbicide

For postemergence weed control in cotton

One Gallon

U.S. Standard Measure

SHAKE WELL BEFORE USING

Use entire contents at one time

Active Ingredients:

Fluometuron: 1,1-dimethyl-3-(α,α,α -trifluoro-*m*-tolyl) urea..... 13.2%

Monosodium acid methanearsonate* 27.6%

Inert Ingredients: 59.2%

Total: 100.0%

*Total arsenic, as elemental, all in water soluble form, 12.7%.

This mixture contains 2 lbs. Cotoran 80W and 3.3 lbs. MSMA (6 lbs. DSMA equivalent) per gal.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use on back of panel.

EPA Reg. No. 100-553



DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product.

Conditions of Sale and Warranty

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Ciba-Geigy or the Seller. All such risks shall be assumed by the Buyer.

Ciba-Geigy warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above. **Ciba-Geigy makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Ciba-Geigy or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Ciba-Geigy and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of Ciba-Geigy.



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 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, 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) and restricted-entry interval. 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 24 hours. Exception: If the product is soil-injected or soil-incorporated, 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.

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
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear

General Information

Cotoran + MSMA with Surfactant is effective for postemergence control of broadleaf and grass weeds in cotton, such as:

Grass Weeds

barnyardgrass <i>Brachiaria</i> spp.	dallisgrass fall panicum	johnsongrass nutgrass
crabgrass	foxtail	ryegrass
crowfootgrass	goosegrass	sandbur

Broadleaf Weeds

buttonweed	morningglory	purslane
cocklebur	pigweed	ragweed
Florida pusley	prickly sida (ironweed or teaweed)	sesbania sicklepod
goathead		smartweed
jimsonweed	puncturevine	tumbleweed
lambsquarters		

Band Treatment

For band applications, the following formula may be used to calculate the amount of Cotoran + MSMA with Surfactant required:

$$\begin{array}{r}
 \text{band width} \\
 \text{(inches)} \\
 \text{row width} \\
 \text{(inches)}
 \end{array}
 \times 0.5 \text{ gal. per acre} = \text{gals. needed per acre}$$

Equipment

Use conventional spray equipment with 80° fan-type nozzles. Screen size should be 50-mesh.

Do not apply this product through any type of irrigation system.

Mixing Instructions

Cotoran + MSMA with Surfactant is a highly concentrated formulation and should be thoroughly shaken before mixing. Pour recommended amount of Cotoran + MSMA with Surfactant into nearly filled spray tank or premix in a bucket half filled with water and pour mixture into nearly filled spray tank.

By-pass agitation should terminate at the bottom of the tank to minimize foaming. Avoid leaving spray mixture in tank without constant agitation.

Do not add surfactant to the mix or damage may result.

After use, clean equipment thoroughly. Do not contaminate water by cleaning of equipment or disposal of wastes.

Application

Apply Cotoran + MSMA with Surfactant at the broadcast rate of 1/2 gal./A, in 25-40 gals. of water per acre. Direct spray to the base of the cotton plants, avoiding the cotton foliage. Apply only when cotton is 3 inches high to first bloom. Best results are obtained when applied to young, actively growing weeds at air temperatures above 70°F.

Precautions: Do not make more than 2 applications of Cotoran + MSMA with Surfactant to the same crop or field in any one year.

Slight burnings and a reddish discoloration of the cotton leaf may occur occasionally following treatment with products containing MSMA, but the cotton plants will develop normally.

The use of Cotoran + MSMA (any application method) in conjunction with a systemic insecticide at planting may result in injury to cotton. In addition, Cotoran + MSMA applied to cotton with any application of Command (clomazone) herbicide may result in crop injury. Ciba-Geigy Corporation will not be held responsible for losses or damage resulting from such uses.

West Texas Only: Do not use this product on sand, loamy sand, or fine sandy loam soils.

Note: Do not graze treated field or feed plants or gin trash from treated areas to livestock. Do not plant crops other than cotton within one year after last application, or crop injury may result. Do not apply within 60 days of harvest.

Storage and Disposal

Do not store or dispose of pesticide, spray mixture, or rinsate in a manner that is likely to result in contamination of water, food, feed, other pesticides, seed, or fertilizer, or is otherwise likely to result in accidental ingestion by humans or domestic animals.

Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions, must be disposed of according to federal, state, or local procedures under the Resource Conservation and Recovery Act. For guidance in proper disposal methods, contact your state pesticide or environmental control agency, or the Hazardous Waste representative at the nearest U.S. EPA Regional Office.

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

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372 day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

May be fatal if absorbed through skin. Causes eye irritation. Do not get in eyes, on skin, or on clothing. Wear protective clothing as specified under Directions for Use on this label. Harmful if swallowed or inhaled. Avoid breathing vapor or spray mist.

First Aid: If on skin, wash with plenty of soap and water. Get medical attention. If swallowed, call a physician or Poison Control Center. Drink 1 or 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 person. If in eyes, flush with plenty of water. If inhaled, move to fresh air.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear



- Chemical-resistant apron when cleaning equipment, mixing, or loading
- For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)
- For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH) approval number prefix TC-21C)

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.

Engineering Control Statements

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 thoroughly and put on clean clothing.

Environmental Hazards

This chemical is known to leach through soil into ground water under certain conditions as a result of registered uses. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

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 contaminate water when disposing of equipment wash waters.

Cotoran® trademark of Ciba-Geigy Corporation

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Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419

CGA 34L1H 015

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 - Revised September 21, 1993
 - Revised January 24, 1995
- (Add GW Advisory, other changes)

[LABELC-W/COTMSMAW] - 9/15/95

