



ACCEPTED
 SEP 27 1982
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 19713-127

COTORAN WITH MSMA

For Postemergence Weed Control In Cotton

ACTIVE INGREDIENTS:

Fluometuron 1,1-dimethyl-3-(a,a,a-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 2.0 lbs. Cotoran 80 WP and 3.3 lbs. MSMA (6.0 lbs. DSMA equivalent) per gallon.

**KEEP OUT OF THE REACH OF CHILDREN
 CAUTION**

STATEMENT OF PRACTICAL TREATMENT
 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: Immediately flush eyes with plenty of water and get medical attention.
 IF ON SKIN: Immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. If irritation develops, send for a physician.
 See Side Panel For Additional Precautionary Statements.

EPA Reg #19713-127
 EPA Est #19713-MS-1

Net Content:

Manufactured by: Drexel Chemical Company
 Memphis, Tennessee 38109

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals.

CAUTION: HARMFUL IF SWALLOWED. Avoid Breathing of Spray. Do Not Take Internally. Avoid Contact with Skin and Eyes. Causes moderate eye irritation. Wear regular long-sleeved work clothing. Change to clean clothing daily. Wash hands and face before eating. Wash thoroughly after handling. Keep children and livestock off treated areas until this material has been washed into the soil.

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife. Do not apply directly to water or to wetlands. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of waste.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

GENERAL INFORMATION

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

GRASS WEEDS

| | |
|---------------|--------------|
| Barnyardgrass | Foxtail |
| Brachiaria | Goosegrass |
| Crabgrass | Johnsongrass |
| Crowfootgrass | Nutgrass |
| Dallisgrass | Ryegrass |
| Fall panicum | Sandbur |

BROADLEAF WEEDS

| | |
|----------------|------------------------------------|
| Buttonweed | Prickly sida (ironweed or teaweed) |
| Cocklebur | Puncturevine |
| Florida pusley | Purslane |
| Goathead | Ragweed |
| Jimsonweed | Sesbania |
| Lambsquarters | Sicklepod |
| Morningglory | Smartweed |
| Pigweed | Tumbleweed |

BAND TREATMENT

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

| | | |
|-------------------------|------------|-------------------------------|
| Band width in inches | _____ X 05 | amount, in gallons |
| Row width in inches | | needed for band treatments |

Equipment

Use conventional spray equipment and Tee Jet nozzle tips 8002 to 8006, or equivalent. Screen size should be 50 mesh.

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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Apply Cotoran + MSMA with Surfactant at the broadcast rate of $\frac{1}{2}$ gallon per acre, in 25 to 40 gallons 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.

Precaution: Do not make more than two applications of Cotoran + MSMA with Surfactant to the same crop or field in any one year. Do not graze treated fields or feed plants or gin trash from treated areas to livestock. Do not plant crops other than cotton within six months after last application.

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.

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

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL:

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

WARRANTY - CONDITION OF SALE:

DIRECTIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is however impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of Drexel Chemical Company or the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result.

ALL SUCH RISKS ARE ASSUMED BY THE BUYER.

Drexel 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. Drexel makes no other warranties, express or implied, including FITNESS OR MERCHANTABILITY. In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.