

Directions For Use:

SHAKE WELL BEFORE USING

TO ELIMINATE ODORS & SANITIZE THE AIR:

Hold upright, spray toward ceiling while walking around room (doors and windows closed) allowing 10 seconds for every 1,000 cubic feet -- room about 11 ft. x 11 ft. x 9 ft. In larger rooms spray for proportionately longer period -- temporarily reduces air borne bacteria. Removes household, cooking, bathroom and pet odors -- spraying in smoke filled rooms leaves air smelling fresh and clean. To eliminate smoking odors retained in fabrics, spray around draperies, curtains and upholstered furniture.

TO DISINFECT SURFACES:

Clean surface prior to treatment. Hold container 6 to 8 inches from surface and spray until surface is moist. Do not use on polished wood or plastic surfaces. Germ caused odors are eliminated at their source. Acts wherever odor causing germs occur -- under sinks, in toilet areas, sick rooms, diaper pails, empty hampers, garbage and waste containers. Helps kill many potentially dangerous germs on toilet seats, bathroom basins, telephones, bed springs, pet pens and similar surfaces. Helps disinfect air ducts, animal areas and hard to reach places. Reduces the hazard of cross contamination or infection by environmental surfaces.

TO CONTROL MOLD & MILDEW:

Clean hard non-porous surfaces prior to treatment. Spray surface until moist in all damp or musty areas and especially in bathrooms, laundry rooms, basements, shower stalls, attic crawl spaces, garages, waterfront homes, boat and automobile interiors -- repeat weekly or as necessary to maintain control. For mold and mildew on mattresses, shower curtains, pillows and books, spray surfaces and repeat every 2 weeks to maintain control.

# Roommate®

## DISINFECTANT-AIR SANITIZER

ACTIVE INGREDIENTS: Cetyl Pyridinium Chloride 0.075%; Citral 0.0075%; Disodium Salt of Ethylenediamine Tetraacetic Acid 0.005%; Triethylene Glycol 2.500%; Dipropylene Glycol 2.500%; Ethanol 14.7625%

INERT INGREDIENTS: 80.15%

Net Weight 17 oz. Avdp. **WARNING: KEEP OUT OF REACH OF CHILDREN** Read warnings on side panel.

THIS PRODUCT IS  
GERMICIDAL  
STAPHYLOCIDAL  
PSEUDOMONOCIDAL  
FUNGICIDAL  
VIRUCIDAL\*

\*Kills influenza A<sub>2</sub> virus (Japan and Aichu Hong Kong strains) on inanimate environmental surfaces.

FOR USE IN HOMES, HOTELS, HOSPITALS, NURSING HOMES, OFFICE BUILDINGS, SCHOOLS. FOR USE IN CRITICAL MEDICAL AREAS, SUCH AS ISOLATION AREAS, OPERATING ROOMS, INTENSIVE CARE UNITS.

MEETS AOAC DISINFECTANT EFFICACY STANDARDS FOR HOSPITALS AND RELATED INSTITUTIONS USAGE.

**WARNING:** Avoid getting into eyes -- in case of contact, flush with water.

Contents under pressure. Do not use or store near fire or flame. Do not puncture or throw container into fire or incinerator. Exposure to temperature above 120°F. may cause bursting

U.S. Pats. 3,595,975; 3,787,566, RE. 28,263

THIS PRODUCT WAS TESTED AND FOUND TO MEET THE MINIMAL FIRE HAZARD STATEMENTS REQUIRED BY FEDERAL LAW.

REGAL CHEMICAL CORP. OF

5750 Collins Avenue,  
Miami Beach, Florida 33140

E.P.A. REG NO 993-13

MAR 16 1978

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC PEST CONTROL REGISTERED

U.S. E.P.A. REG. NO. 993-13

ACTIVE INGREDIENT	
Fluometuron [1,1-dimethyl-3-( <u>a,a,a</u> -trifluoro- <u>m</u> - tolyl) urea].....	41.7%
INERT INGREDIENTS.....	58.3%
	Total 100.0%

\*Contains 4 lbs. fluometuron per gallon.

STOP-READ LABEL BEFORE USING!

KEEP OUT OF REACH OF CHILDREN  
 CAUTION  
 STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink water and induce vomiting. Call a physician, hospital, or Poison Control Center immediately.

IF ON SKIN: Wash affected skin areas thoroughly with soap and water.

IF IN EYES: Flush eyes with large amounts of water. Get medical attention if irritation persists.

IF INHALED: Move subject to fresh air.

NOTE TO PHYSICIAN: If the patient has ingested Fluometuron 4L, lavage stomach. Administer a saline laxative.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

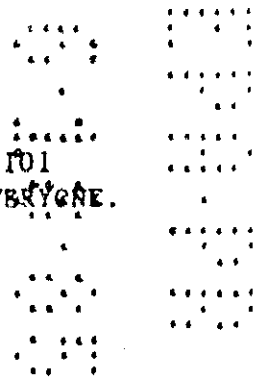
EPA REG. NO. 9779-

EPA EST. NO.

Riverside  
 Trademark®

MANUFACTURED BY  
 RIVERSIDE CHEMICAL COMPANY  
 A SUBSIDIARY OF TERRA CHEMICALS INTERNATIONAL, INC.  
 TERRA CENTRE, 600 FOURTH STREET, SIOUX CITY, IOWA 51101  
 RIVERSIDE SERVES AGRICULTURE. AGRICULTURE SERVES EVERYONE.

NET CONTENTS \_\_\_\_\_ GALLONS



(Left Panel)

**PRECAUTIONARY STATEMENTS**

**CAUTION**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes, or clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

**DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.**

**STORAGE**

Store in a dry location away from children, animals, foods, feeds, seeds, or other agricultural chemicals. Handle in accordance with information given under "PRECAUTIONARY STATEMENTS." In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust, or other absorbent material. Scrape up and dispose of in accordance with information given under "DISPOSAL." Repackage and relabel useable product in a sound container. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

**DISPOSAL**

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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

### General Information

FLUOMETURON 4L is effective for annual grass and annual broadleaf weed control in cotton. FLUOMETURON 4L applied according to label directions will control the following annual weeds in cotton:

#### Broadleaf Weeds

- |                       |                        |
|-----------------------|------------------------|
| Buttonweed            | Prickly sida (teaweed) |
| Cocklebur             | Puslane                |
| Florida pursley       | Ragweed                |
| Groundcherry (Wright) | Sesbania               |
| Jimsonweed            | Sicklepod              |
| Lambsquarters         | Smartweed              |
| Morningglory          | Tumbleweed             |
| Pigweed               |                        |

#### Grass Weeds

- |               |                                   |
|---------------|-----------------------------------|
| Barnyardgrass | Foxtail                           |
| Crabgrass     | Goosegrass                        |
| Crowfootgrass | Ryegrass                          |
| Fall panicum  | Signalgrass ( <u>Brachiaria</u> ) |

Established perennial weeds such as Johnsongrass from rhizomes is not controlled by a 4 pt./acre rate.

### Application Procedures

Band Treatment: For band applications, the following formula may be used to calculate the amount of FLUOMETURON 4L required:

$$\frac{\text{band width (inches)}}{\text{row width (inches)}} \times \text{broadcast rate per acre} = \text{amount needed per acre}$$

Equipment: Thoroughly clean sprayer prior to use. Do not use a sprayer contaminated with 2,4-D or other materials as crop damage or sprayer clogging may result.

Use properly calibrated conventional spray equipment that will apply spray uniformly and has hydraulic or mechanical agitation, except in California or Arizona where only mechanical agitators are recommended. Screens in nozzles, in suction, and in-line strainers should be no finer than 50-mesh. Use a pump with capacity to maintain 35-40 psi at the nozzles. If hydraulic agitation is used, the pump should also provide sufficient agitation in the tank to keep the mixture in suspension. Avoid leaving spray mixture in tank without constant agitation. If bypass agitation is used, it should terminate at the bottom of the tank to minimize foaming. Wash sprayer thoroughly with clean water immediately after use.

Apply in a minimum of 10 gallons per acre for preplant incorporated or pre-emergence applications, or apply in a minimum of 20 gallons per acre for postemergence application.

Mixing Instructions: Fill spray tank  $\frac{1}{2}$  full with water or nitrogen solution. Start agitation. Pour FLUOMETURON 4L directly from the container into the partially filled spray tank. If FLUOMETURON 4L is to be tank mixed with another herbicide, add that product after the FLUOMETURON 4L is thoroughly mixed. Add the rest of the water or nitrogen solution. Agitation during mixing and application to maintain uniform suspension.

To determine compatibility, add two teaspoons of FLUOMETURON 4L to one pint of nitrogen solution, equivalent to 4 pints in 25 gallons. If using other application rates, adjust compatibility test rates proportionally. Stir or shake thoroughly. Let stand 5 minutes. If it remains mixed or can be remixed readily, the mixture is compatible. If FLUOMETURON 4L settles out when mixed with a nitrogen solution, a compatibility agent at 1 to 3 pints per 100 gallons fertilizer may improve compatibility. Add  $\frac{1}{8}$  to  $\frac{3}{8}$  teaspoon of the compatibility agent to determine effectiveness.

### Cotton

FLUOMETURON 4L may be applied as a preemergence treatment to the surface of the soil, or lightly incorporated immediately after planting, or as a directed, semidirected, or over-the-top postemergence application. For preemergence treatment only, FLUOMETURON 4L may be tank-mixed with most liquid nitrogen fertilizers. FLUOMETURON 4L may be combined with other herbicides in cotton as directed in the section, "Combinations."

FLUOMETURON 4L is most effective when used as follows:

1st Application: Preemergence broadcast. See Preemergence Treatment below.

2nd Application: Postemergence, directed, semidirected, or over-the-top when cotton is 3-6 inches high. See Postemergence Treatments below.

3rd Application: If needed, postemergence, directed, or semidirected, at layby (last normal cultivation), using no more than 2 pints per acre.

#### Preemergence Treatment

Apply FLUOMETURON 4L at a rate of 2 to 4 pints per acre. On light silt and sandy soils, low in organic matter, use the lower rate.

FLUOMETURON 4L may be applied to the surface of the soil, or lightly incorporated into the soil, after planting cotton.

#### Preplant Incorporated Use (Arizona, California, and New Mexico)

FLUOMETURON 4L may be applied preplant as a broadcast spray at 3.2 pints per acre after the beds for preplant irrigation have been formed. Apply before the beds are dragged off (using a bed shaper set to remove 1 to 2 inches from beds), in preparation for planting. Furrow irrigation should precede the application and planting should follow as soon as possible. Plant into untreated soil after drag-off and return treated soil to the beds when furrows are reformed. Do not allow furrow irrigation water to pond over the beds.

Postemergence Treatments

FLUOMETURON 4L may be applied postemergence to cotton but preemergence to weeds, or postemergence to both cotton and weeds. FLUOMETURON 4L should be applied at rates of 2 to 4 pints per acre. Apply as a directed, semidirected, or over-the-top spray. FLUOMETURON 4L may be applied to cotton plants at any stage of growth from 3 inches high to layby. Use the higher rate when applying postemergence to weeds; weeds should be 2 inches high or less. Use of a surfactant that is approved by FDA for use on food and feed crops and is compatible with FLUOMETURON 4L when applied to cotton may enhance the postemergence herbicidal activity of FLUOMETURON 4L. The surfactant rate should not exceed 0.5% of the carrier volume (1 pint per 25 gallons of water). Do not apply within 60 days of harvest.

Rainfall that is sufficient to germinate seeds or for growing crops is adequate to activate the herbicidal activity of FLUOMETURON 4L. Where dry weather conditions prevail, the herbicidal activity of FLUOMETURON 4L may be delayed or reduced. Cultivate if necessary.

Do not make more than three applications of FLUOMETURON 4L to the same crops or field in any one year. Do not plant crops other than cotton or sugarcane within 6 months of the last application of FLUOMETURON 4L or injury may result.

The use of FLUOMETURON 4L as a preemergence or early postemergence application, following the use of a systemic insecticide at planting, may result in injury to cotton.

West Texas only: Do not use FLUOMETURON 4L on sandy, loamy sand, or fine sandy loam soils. Do not use FLUOMETURON 4L on cotton planted in furrow.

Arkansas, Louisiana, and Mississippi only: Use 1.6 pints of FLUOMETURON 4L per acre on sandy loam soils low in organic matter.

Arizona, California, and New Mexico only: Cotton, corn, and grain sorghum can be planted the next spring. Do not plant treated areas to other crops until one year after last application. Do not use on sandy or coarse-textured soil of less than 1% organic matter.

Do not feed foliage from cotton plants or gin trash to livestock.

Combinations for Use on Cotton

Dual® 8E: Use in a tank mixture with FLUOMETURON 4L preemergence in cotton for control of all weeds on both labels. Apply to the soil surface at planting or after planting, but before weeds or crop emerge, using the appropriate rates below.

FLUOMETURON 4L + Dual 8E (AR, LA, MS, Eastern OK, TN, Bootheel of MO, and Gulf Coast, Rio Grande Valley and Eastern TX)

Soil texture	Broadcast rates per acre	
	FLUOMETURON 4L	Dual 8E
Sand, loamy sand	DO NOT USE	
Sandy loam*	2 pints	1.25 to 1.5 pints
Loam, silt, silt loam	2 to 3.2 pints	1.5 to 2 pints
Silty clay loam, sandy clay loam, silty clay, sandy clay, clay loam, clay	3.2-4 pints	2 pints

\*Use on sandy loam soils only in eastern OK and Gulf Coast, Rio Grande Valley, and eastern TX.

Do not apply FLUOMETURON 4L + Dual 8E in areas where water is likely to "pond" over the bed or crop injury may occur. Do not apply broadcast to furrow-planted cotton. The use of FLUOMETURON 4L following the use of a systemic insecticide at planting may result in crop injury. Do not use on Taloka silt loam or crop injury may occur.

Refer to the Dual 8E label for further instructions, precautions, and limitations.

Do not feed treated forage or gin trash to livestock, or graze treated areas.

Rotational Crops: Refer to the crop rotation instructions for FLUOMETURON 4L alone on this label and for Dual 8E alone on the Dual 8E label.

Treflan® EC: Use in a tank mixture with FLUOMETURON 4L (all areas except Arizona and California) or before an overlay with FLUOMETURON 4L in cotton for control of all weeds listed on both labels.

For the tank mixture, follow soil preparation and incorporation procedures for Treflan EC. Apply FLUOMETURON 4L + Treflan EC tank mix rates specified below in a minimum of 15 gallons of water per acre.

FLUOMETURON 4L + Treflan EC Tank Mixture (except Arizona and California)

Soil texture	Broadcast rates per acre	
	FLUOMETURON 4L	Treflan EC
Sand, loamy sand, sandy loam	2 pints	1 pint
Loam, silty clay loam*, silt loam, silt, sandy clay loam*	3.2 pints	1.5 pints
Clay, clay loam, silty clay loam*, silty clay, sandy clay, sandy clay loam*	4 pints	2 pints

\*Silty clay loam and sandy clay loam are transitional soils. If these soils are predominately sand or silt, they are usually classified as medium-textured soils. If predominately clay, they are classified as fine-textured soils.

For the overlay, apply FLUOMETURON 4L as a preemergence soil surface treatment as recommended on this label at 2 to 4 pints per acre after a preplant soil incorporated treatment of Treflan EC. Apply Treflan EC as recommended on its label at 1 to 2.5 pints per acre.

Do not use the tank mix in Arizona and California. Do not apply the tank mix of FLUOMETURON 4L + Treflan EC in liquid fertilizer. Refer to the Treflan EC label for directions, precautions, and limitations for use of that product, as well as the directions, precautions, and limitations on this FLUOMETURON 4L label.

Prowl®: Apply FLUOMETURON 4L as a preemergence surface treatment as recommended on this label at 2 to 4 pints per acre after a preplant soil-incorporated treatment of Prowl for control of all weeds listed on both labels. Apply Prowl as recommended on its label precautions, and limitations for use of that product.

DSMA or MSMA: FLUOMETURON 4L may be tank-mixed with DSMA or MSMA and applied as a directed spray to cotton from three inches high to first bloom. Use the broadcast rate of 2 to 4 pints of FLUOMETURON 4L per acre and the necessary amount of DSMA or MSMA plus 0.5% (1 pint per 25 gallons) of a surfactant that is approved by FDA for use on food and feed crops and is compatible with FLUOMETURON 4L + DSMA or FLUOMETURON 4L + MSMA when applied to cotton. When using this mixture, do not allow spray to contact cotton foliage. Do not graze treated areas or feed treated forage or gin trash to livestock. Adhere strictly to the dosage, precautions and limitations of the labels of the products.

Dual® trademark of CIBA-GEIGY for metolachlor

Prowl® trademark of American Cyanamid for pendimethalin

Treflan® trademark of Elanco Products for trifluralin



NOTICE: RIVERSIDE CHEMICAL COMPANY warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to RIVERSIDE CHEMICAL COMPANY and buyer assumes the risk of any such use. RIVERSIDE CHEMICAL COMPANY shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.