



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
**17545-8**

Date of Issuance:  
**FEB 28 1997**

Term of Issuance: **Conditional**

Name of Pesticide Product:  
**Turflon™ Ester**

**NOTICE OF PESTICIDE:**

XX Registration  
\_\_\_\_ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

**Monterey Chemical Company  
P.O. Box 5317  
Fresno, CA 93755**

**ATTN.: Lynne C. Callens, Regulatory Affairs**

Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes: Revise the EPA Registration Number to read, "EPA Reg. No. 17545-8".
3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

*Theresa A. Stone for*

Product Manager (25), Fungicide-Herbicide  
Branch, Registration Division (7505C)

Date:

*2/28/97*



ACCEPTED

FEB 28 1997

273

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 17545-8

BEST AVAILABLE COPY

# TURFLON™ Ester

## Specialty Herbicide

For the Control of Annual and Perennial Broadleaf Weeds and Kikuyugrass in Ornamental Turf

### Active Ingredients:

Triclopyr, 3,5,6-trichloro-2-pyridinyloxyacetic acid, butoxyethyl ester. .... 61.6%

Inert Ingredients: ..... 38.4%

Total: ..... 100.0%

Triclopyr acid equivalent: 44.3% (4 lb/gal).  
Non-petroleum distillates.

EPA Reg. No. 17545-XX

EPA Est. No. 48498-CA-1

\*TURFLON is a trademark of DowElanco

Net Contents: One Quart/946 Liters

Manufactured By:

MONTEREY CHEMICAL COMPANY

P. O. Box 5317 • Fresno, CA 93755 • (209) 499-2100

## KEEP OUT OF 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. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**If On Skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**If In Eyes:** Flush with plenty of water. Call a physician if irritation persists.

**If Inhaled:** Remove patient to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with eyes, skin or clothing. Avoid breathing spray mists or vapors. Applicators should wear long-sleeved shirt and long pants, chemical resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber or Viton, and shoes plus socks. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Avoid contamination of food. Do not ship or store with food, feeds, drugs or clothing.

#### Environmental Hazards

This pesticide is toxic to fish. 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. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

#### Physical or Chemical Hazards

**Combustible.** Do not use or store near heat or open flame. Do not use in or weld container.

### DIRECTIONS FOR USE

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

Keep unprotected persons and domestic animals off treated area until spray has dried.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

### GENERAL INFORMATION (Read Carefully Before Using)

TURFLON Ester herbicide is recommended for the control of actively growing annual and perennial broadleaf weeds and kikuyugrass in perennial bluegrass, perennial ryegrass or tall fescue turf.

DO NOT use this product for manufacturing or formulating.

Be sure that use of this product conforms to all applicable regulations.

DO NOT apply this product through any type of irrigation system.

DO NOT apply to ditches used to transport irrigation water. Do not apply where runoff or irrigation water may flow onto susceptible crops.

Local conditions may affect the use of herbicides. Consult your local specialist for advice in selecting treatments from this label to best fit local conditions.

TURFLON Ester may injure certain turfgrass species. DO NOT apply to bahiagrass, bentgrass, bermudagrass, centipedegrass, St. Augustinegrass or zoysiagrass, unless turf injury can be tolerated.

DO NOT apply TURFLON Ester to exposed roots of shallow rooted trees and shrubs.

DO NOT apply TURFLON Ester herbicide directly to or otherwise permit it to come in contact with or permit spray mists containing TURFLON Ester to drift onto flowers, fruit or orchard trees, field crops, vegetable crops, shrubs or other desirable broadleaf plants.

**Avoid Injurious Spray Drift:** Applications should be made only when there is little or no hazard from spray drift. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants. Do not spray when wind is blowing toward susceptible crops or ornamental plants near enough to be injured. Spray drift can be reduced by spraying when wind velocity is low, keeping the spray boom as low as possible, using nozzles that deliver larger spray droplets, and by using higher volume sprays and lower pressures.

Broadleaf weeds controlled by TURFLON Ester include:

- |                     |                                 |
|---------------------|---------------------------------|
| Black medic         | Lespedeza                       |
| Bull thistle        | Matchweed                       |
| Burdock             | Mustard                         |
| Canada thistle      | Oxalis                          |
| Chicory             | Plantain                        |
| Clover              | Ragweed                         |
| Creeping beggarweed | Smartweed                       |
| Curly dock          | Sweet clover                    |
| Dandelion           | Vetch                           |
| Field bindweed      | Wild carrot (Queen Anne's lace) |
| Goldenrod           | Wild lettuce                    |
| Ground ivy          | Wild violet                     |
| Kikuyugrass**       | Yarrow                          |
| Lambsquarters       |                                 |

\*\*See control of Kikuyugrass under "Application Directions".

### APPLICATION DIRECTIONS

Foliar sprays should be applied during warm weather, from early spring through fall, when weeds are actively growing. Application under drought conditions may provide less than desirable results. Use low pressure sprays to minimize spray drift. When making applications to mature plants, hard to control species, or during drought conditions, use higher rates.

**Note:** Broadleaf weeds germinate at different times. Only emerged weeds present at the time of application will be controlled. Newly seeded turf should be mowed two or three times before being treated. Do not water for 24 hours after application. Do not reseed for 3 weeks after application.

#### Mixing Instructions

When TURFLON Ester is mixed with water, it forms an emulsion (not a solution) and separation may occur unless the spray mixture is agitated continuously.

Add about one-half the required amount of clean water to the spray tank. Start agitation and add the recommended amount of TURFLON Ester. Provide moderate agitation while completing the addition of water and during application.

#### Conversion Table

1 ounce = 2 tablespoons  
1 tablespoon = 3 teaspoons

#### Tank Mixing

To improve the spectrum of activity, TURFLON Ester may be tank mixed at a rate of 1/2 to 1 pint per acre (1/4 to 1/2 fluid ounce in 2 gallons of water per 1,000 square feet) with recommended rates of low volatile amine or ester formulations of 2,4-D, MCPP or other labeled postemergence broadleaf herbicides. Refer to tank mix product labels for specific use directions, precautions and limitations before use.

#### Broadcast Treatment of Ornamental Turf

Apply 1/2 to 1 quart per acre (1/3 to 3/4 fluid ounce per 1,000 square feet) of TURFLON Ester in enough water to provide uniform coverage of the target area to control actively growing broadleaf weeds growing in perennial bluegrass, perennial ryegrass, or tall fescue. Do not use on other turfgrass species (see General Use Precautions) unless injury can be tolerated. To minimize turf injury, do not treat if turf is under heat or drought stress and make repeat applications at least four weeks apart.

#### Spot Treatment of Ornamental Turf

Apply 3/4 ounce of TURFLON Ester per 1,000 square feet in enough water to provide uniform coverage of the target area and apply any time broadleaf weeds are susceptible. **Note:** Do not apply more than 2 quarts per acre (1.5 fluid ounces per 1,000 square feet of Turflon Ester in a single application.

#### Control of Kikuyugrass

Apply TURFLON Ester at a rate of 1/2 to 1 quart per acre (1/3 to 3/4 fluid ounce per 1,000 square feet) in enough water to provide uniform coverage of the target area. To improve activity, MSMA herbicide may be tank mixed with the 1/2 quart per acre (1/3 oz. per 1,000 square feet) rate of TURFLON Ester. Three to four additional applications at 4 week intervals may be required to achieve control of kikuyugrass.

#### Suppression of Bermudagrass

Apply TURFLON Ester at the rate of 1 quart per acre (3/4 ounce per 1,000 square feet) in enough water to provide uniform coverage of the target area. Three to four additional applications at 4 week intervals will be required to give adequate suppression of bermudagrass.

To improve suppression and control of bermudagrass, 1 quart per acre (3/4 ounce per 1,000 square feet) of TURFLON Ester may be tank mixed with a post-emergence grass herbicide registered for this use on turf. Three to four additional applications of this tank mix at 4 week intervals should be made to achieve control. Reseeding following application (3 week interval) will accelerate the transition to cool season turf.

### STORAGE AND DISPOSAL

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

**Storage:** Store above 28°F or agitate before use. Store unused product in original container only, in a cool, dry area out of reach of children. Keep container tightly sealed when not in use. Do not use or store near heat or open flame. Keep from freezing.

**Pesticide Disposal:** Pesticide spray mixture or rinsate water that cannot be used according to label instructions must be disposed of according to applicable federal, state or local procedures.

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

### CONDITIONS OF SALE AND WARRANTY

Monterey Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated when used in accordance with the use directions under normal conditions. Monterey Chemical Company neither makes, nor authorizes any agent or representative to make, any other warranties, express or implied, including fitness or merchantability.

The directions for use of this product 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. Plant injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and plant conditions, presence of other materials, or other influencing factors, all of which are beyond the control of Monterey Chemical Company and Seller. Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material not in strict accordance with directions given herewith. In no case shall Monterey Chemical Company or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by Monterey Chemical Company and is accepted as such by the Buyer.

0996/9996(01)

## BEST AVAILABLE COPY