



# REAP-THRU HERBICIDE

For the control of broadleaf weeds in ornamental turfgrass.



## ACTIVE INGREDIENTS

Methyl 2-chloro-9-hydroxyfluorene-9-carboxylate.....	11.0%
Methyl 9-hydroxyfluorene-9-carboxylate.....	2.9%
Methyl 2,7-dichloro-9-hydroxyfluorene-9-carboxylate.....	2.0%

**OTHER INGREDIENTS:** ..... 84.1%

**TOTAL**..... 100.0%

Total Chlorfurenol Methyl Esters..... 15.9% (1.4 lbs./gal.)

**STOP – Read the label before use**  
**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(TO THE USER: If you do not understand the label, find someone to explain it to you in detail.)

## FIRST AID

<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably, mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.  
For Medical Emergency Assistance, call the National Pesticide Information Center 1-800-858-7378.

**For chemical emergency: spill, leak, fire, exposure, or accident, call CHEMTREC 1-800-424-9300.**

Manufactured For:

**Repar Corporation**

P.O. Box 4321, Silver Spring, MD 20914

EPA Reg. No.: 69361-1

NET WEIGHT: \_\_\_\_\_

EPA Est. No.: \_\_\_\_\_

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS (& DOMESTIC ANIMALS)**  
**CAUTION**

Harmful if inhaled. Avoid breathing spray mist. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and other handlers must wear:**

- A. Long-sleeved shirt and long pants.
- B. Waterproof gloves
- C. Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instruction for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

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 washwater or rinsate.

**DIRECTIONS FOR USE**

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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

Do not enter or allow others to enter the treated area until sprays have dried.

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.

This product is not for use on plants and turf being grown for sale or other commercial use, or for commercial seed production, or for research purposes. This product is for use on plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**Pesticide Storage:** Store in original container in a locked storage area. Avoid temperatures below 41°F. In case of accidental storage below 41°F, allow to thaw in original container at 50 - 80°F and agitate in container before using. Avoid long term storage above 122°F as some separation of ingredients may occur. Agitate in original container before using if exposure to prolonged high temperature is suspected. In case of spillage, absorb with corn cobs, absorbent clay or similar materials. Sweep up and dispose.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Pesticide spray mixture or rinsate water that cannot be used according to label instructions must be disposed of on site or at an approved waste disposal facility.

### **Container Disposal:**

#### **Nonrefillable containers 5 gallons or less:**

Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

#### **Refillable containers 5 gallons or less:**

**Container disposal:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of this container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

#### **Nonrefillable containers of 5 gallons or larger:**

Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over on its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

## USE INFORMATION

**Reap-Thru** can be used by itself. Optimum results can be obtained when used in combination with other traditional herbicides to increase herbicide activity and reduce rates.

**Reap-Thru** is a water dispersible solution in a new formula that behaves differently when added to spray tank mixtures. See specific mixing and storage instructions for details.

## WHEN TO APPLY

Apply when weeds are actively growing and have not hardened off.

## HOW TO APPLY

For optimum results Reap-Thru is more effective when used in combination with other herbicides. Combinations allow for reduced rates and increased herbicide activity providing greater safety to the turfgrass and increased cost effectiveness. Spray volumes of 20 to 175 gallons of water/acre are recommended. Usually lower spray volumes can be achieved. Avoid tank mixes with other pesticides which require replacement on the soil surface (pre-emerge crabgrass products, soil insecticides, etc.) as Reap-Thru is designed to increase penetration into plant foliage. Do not use in combination with triazine herbicides on actively growing turf unless injury can be tolerated.

**Mixing Instructions:** Charge tank with water and water soluble ingredients first. Be sure agitation system is on. Gradually add the correct amount of Reap-Thru and continue agitation. Reap-Thru will first form a clear solution. With agitation, this solution will change into a dispersion of finely divided particles with a pearlescent appearance. Add EC and wettable powder formulations after the addition of Reap-Thru. Continue agitation during spraying operation. In case of settling, re-agitate spray tank mix before applying. Avoid storage in diluted form. Do not tank mix with other pesticides which prohibit tank mix combinations.

Before mixing in the spray tank, it is advisable to test compatibility by mixing all components in a small container in proportionate quantities.

1. Add one pint of fertilizer solution to a one-quart glass jar with tight lid.
2. To the jar add the appropriate amount of herbicide(s). If more than one herbicide is used, refer to mixing instructions on this label for proper order of additions. After each addition, cap and shake until thoroughly mixed. The appropriate amount of herbicides for this test follows (assuming a spray volume of 50 gals. per acre):

**DRY HERBICIDES:** For each pound per acre, add 0.75 teaspoons to the jar. Fluff up wettable powder products before measuring.

**LIQUID HERBICIDES:** For each pint per acre, add 0.25 teaspoon to the jar.

For a spray volume other than 50 gals. per acre, change the teaspoons added to the jar as follows:

$$\frac{50 \text{ gals.} \times \text{no. teaspoons given above}}{\text{desired gals. spray volume per acre to jar}} = \text{teaspoons to add}$$

3. After adding all ingredients, put lid on and tighten. Shake jar vigorously for one minute. Let the mixture stand 15 minutes and then look for separation, large flakes, precipitates, grease, gels, medium to heavy oil film on the jar, or other signs of incompatibility. If the mixture separates, but can be remixed readily, the mixture can probably be sprayed as long as good agitation is used. If the mixture is incompatible, test making a slurry of the dry herbicide(s) in water before addition to the jar. If still incompatible, do not use the materials mixed in the same spray tank. If there are any compatibility questions, contact Repair Corporation.

# TURF TOLERANCE

**Cool Season Turf Species:** Established Bentgrass (fairway or homelawn height), Bluegrass, Fine Fescue, Ryegrass (annual and perennial) and Tall Fescue.

**Warm Season Species:** Established Bahiagrass, Bermudagrass, Centipede, St. Augustine and Zoysiagrass.

## See Use Precautions for Additional Information

**Weed Species Controlled:** For black medic, clovers, dandelions and other easy to kill weed species, Reap-Thru may be used alone.

For the control of more difficult to control species such as beggarweed, dayflower, matchweed, oxalis, ground ivy, knotweed, wild carrot and to broaden the overall spectrum of weed control, Reap-Thru should be used in combination with other approved turf herbicides. Field research has shown improved performance and reduction in rates of traditional turf herbicides when used in conjunction with Reap-Thru.

Some of the combinations which have demonstrated effectiveness include:

Reap-Thru plus 0.123 to 0.25 lb. acid equivalent dicamba/A (4 to 8 oz./A Banvel and/or 0.125 to 0.25 lbs. acid equivalent triclopyr/A (5.3 to 10.5 oz./A Turflon amine or 4 to 8 oz./A Turflon Ester)\*

\* Ratio of Reap-Thru to Turflon etc.

## USE RATE INFORMATION

Alone:	1 oz./1000 ft. <sup>2</sup> or 0.5 lb. total active ingredients per acre as Chlorflurenol Methyl Ester.
In combination	Up to 1 oz./1000 ft. <sup>2</sup> or up to 0.5 lb. total active ingredients per acre as Chlorflurenol Methyl Ester.

Reap-Thru can be tank mixed with Acclaim. Follow instructions on Acclaim's label.

### Restrictions:

- Not for use on sod farms or in greenhouses.
- Aerial applications are prohibited.
- Do not apply more than one application per year.
- Maximum application rate is 0.5 lb ai/acre.

**Use Precautions:** Use with other turf herbicides for which the specific turfgrass has shown tolerance. Use rates above 0.25 lb. Chlorflurenol Methyl ester/A in some herbicide combinations may be antagonistic. Start at the lowest application rate per acre when using combinations. Higher rates may cause temporary discoloration and turfgrass retardation. Growth inhibition may be overcome by the application of a complete fertilizer or by mowing (the plant). To minimize any potential for growth inhibition, use in combination with other herbicides as rates can be significantly reduced. Freshly transplanted plants, those with tender, new growth as typically occurs during the Spring flush of growth and plants under stress are more susceptible to injury by herbicides. To avoid injury to desirable plants:

- Avoid spray drift (coarse sprays are less likely to drift)
- Apply in a manner which confines spray to target area.
- Leave an adequate buffer zone between sensitive plants and spray area.

## **WARRANTY LIMITATIONS AND DISCLAIMER**

REPAR CORPORATION warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use herein described when used in accordance with the directions for use. The Directions For Use are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the 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 REPAR CORPORATION (REPAR) or the SELLER. To the extent consistent with applicable law, Repar Corporation shall not be liable for the consequential, special or indirect damages resulting from the handling or use of this product. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

To the extent consistent with applicable law, Repar Corporation makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage.