

228-231

6-18-2001

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

EPA Reg. Number:

228-231

Date of Issuance:

JUN 18 2001

Term of Issuance:

Unconditional

Name of Pesticide Product:

Riverdale 2% Bromacil  
Granular Weed Killer

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mr. Russell F. Sawyer  
Riverdale Chemical Company  
425 West 19th Street  
Glenwood, IL 60425-3699

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by 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.

Based on your response to the Bromacil Reregistration Eligibility Decision (RED) document, EPA has reregistered the product listed above. Please make the following revisions noted below before releasing the product for shipment.

1. In response to your objection to incorporate the recommended User Safety language, please include the following required text under the heading, Hazards to Humans and Domestic Animals.

Wash thoroughly with soap and water after handling.

2. Revise the dermal Statement of Practical Treatment to read as follows:

IF On Skin: Wash with plenty of soap and water. Get medical attention.

Signature of Approving Official:

Date:

6-18-01

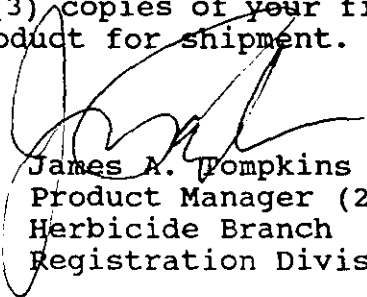
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3. In an effort to clarify the maximum use rate, modify your maximum rate statement by adding the following text.

The total use of this product and other bromacil containing products cannot exceed the maximum use rate of 12 lbs of active ingredient (ai) per acre per year.

Enclosed is a copy of your label stamped "Accepted with Comments." This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit three (3) copies of your final printed labeling before you release the product for shipment.



James A. Tompkins  
Product Manager (25)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

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(Front Panel)

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

JUN 18 2001

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
228-231**

RIVERDALE  
2% BROMACIL  
GRANULAR WEED KILLER

For Control of Weeds and Grasses in Non-Crop and Industrial Areas

ACTIVE INGREDIENT:

Bromacil (5-bromo-3-sec-butyl-6-methyluracil)* . . . . .	2%
INERT INGREDIENTS: . . . . .	98%
TOTAL . . . . .	100%

\*U.S. Pats 3,235,357 & 3,352,862

KEEP OUT OF REACH OF CHILDREN

CAUTION

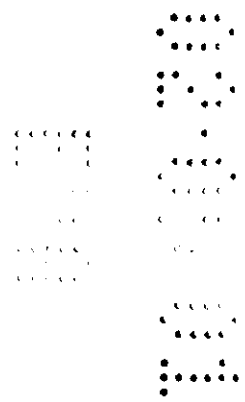
SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS AND  
STATEMENT OF PRACTICAL TREATMENT

NET WEIGHT LBS.

EPA REG. NO. 228-231

EPA EST. NO. 228-IL-1

MANUFACTURED BY  
RIVERDALE CHEMICAL COMPANY  
GLENWOOD, ILLINOIS 60425-1584



(Back Panel)

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.  
**IF ON SKIN:** Wash with plenty of soap and water.

**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 washwaters.

**DIRECTIONS FOR USE**

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

**NON-CROP WEED CONTROL - INDUSTRIAL USE ONLY**

Riverdale 2% Bromacil Granular is a non-selective herbicide for controlling a wide range of annual and perennial weeds and grasses. It is recommended only for non-cropland areas such as rights-of-way for pipeline, utility, highway, and railroads; and industrial areas such as airports, petroleum tank farms, lumberyards, and plant sites. 400 to 600 pound applications of Riverdale 2% Bromacil Granular per acre usually result in a non-productive condition of the soil for a period of a year or more. The duration of non-productivity is dependent upon rainfall, soil type, and other conditions.

Riverdale 2% Bromacil Granular should be applied as furnished with a seed spreader, a fertilizer spreader, or with any equipment which will distribute the chemical uniformly over the area to be treated. For the control of annual and most perennial weeds and grasses; apply Riverdale 2% Bromacil Granular at the rate of 400 to 600 pounds per acre; on smaller plots, 0.92 to 1.38 pounds per 100 square feet (12 lbs. Bromacil A.I. per acre per year). Repeat spot treatment may be required when deep-rooted perennial weeds are present. To obtain the best results, Riverdale 2% Bromacil Granular should be applied to the ground where it will be absorbed by the roots. Applications made early in the season have been found to give results superior to applications at a later seasonal date. Riverdale 2% Bromacil Granular may, however, be applied at any time of the year. Maximum effectiveness in arid regions is obtained when application is made just prior to the rainy season. Users should consult state agricultural experimental stations or extension service weed specialists for recommendations as to use in their particular area.

**IMPORTANT: (NOT FOR RESIDENTIAL USE).** Do not apply on or near valuable woody or herbaceous plants or on areas where their roots may extend because of possible injury to such plants. Thoroughly clean spreading equipment with a suitable chemical cleaner before using for other purposes (or do not use same spreading equipment for other purposes). Do not use on croplands or any land to be used for subsequent cropping. Keep animals off treated areas.

**STORAGE AND DISPOSAL**

**STORAGE:** Always store pesticides in a secured warehouse or storage building. Do not store near feed or foodstuff. To prevent cross-contamination, do not store near open

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containers of fertilizer, seed or other pesticides. Do not contaminate water, food, or feed by storage or 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:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

**NOTICE OF WARRANTY**

Seller warrants that this product conforms to the chemical description of the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product.

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 the seller. In no case shall the seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Seller makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

(RED 052297/RV 112C00)

