

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
228-264

DATE OF ISSUANCE
APR 12 1991

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

TERM OF ISSUANCE
Conditional

NAME OF PESTICIDE PRODUCT
Riverdale Triplet Selective Herbicide

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Mr. Russell F. Sawyer
Riverdale Chemical Co.
425 West 194th St.
Glenwood, IA 50425-1584

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

By product of a chemical reaction, the active ingredient is 2,4-D (2,4-dichlorophenoxyacetic acid) (75-148-6) and its salts.

1. The pesticide label must include the registration/reregistration number of your product under section 3(c)(5) and the Agency received all registrant information and data.

2. The following changes listed below must appear on the product for shipment:

a. Add the phrase "EPA registration No. 228-264."

b. The statement of practical treatment for all categories of routes of exposure should appear on the front panel. If necessary, move the statement of practical treatment to the reverse side of the front panel.

c. In section (c) and (d) insert "2." to read "2. 2,4-D (2,4-dichlorophenoxyacetic acid) (75-148-6) and its salts."

d. In section (e) insert "1. 2,4-D" to complete the statement "1. 2,4-D (2,4-dichlorophenoxyacetic acid) (75-148-6) and its salts."

ATTACHMENT IS APPLICABLE

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SIGNATURE OF APPROVING OFFICIAL

James S. Nolle

DATE

4/12/91

Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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

A stamped copy of the label and acute toxicology reviews are enclosed for your reference.

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosures

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CONCURRENCES							
SYMBOL	H7505C						
SURNAME	S. Khaton						
DATE	4/12/91						

3017

ACCEPTED
with COMMENTS
in EPA Letter Dated:

RIVERDALE

APR 12 1991

TRIPLET™
SELECTIVE HERBICIDE

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

228-264

Selective Broadleaf Weed Control for Turfgrasses.

To Control Dandelion, Clover, Henbit, Plantains, Wild Onion
and Many Other Broadleaf Weeds.

Contains 2,4-D, Mecoprop and Dicamba

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	30.56%
Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid**	16.34%
Dimethylamine Salt of Dicamba(3,6-Dichloro-o-anisic acid)***	2.77%

INERT INGREDIENTS:	50.33%
TOTAL	100.00%

Isomer Specific AOAC Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid	25.38%, 2.44 lbs/gal.
**2-(2-Methyl-4-chlorophenoxy)propionic Acid	13.50%, 1.30 lbs/gal.
***3,6-Dichloro-o-anisic Acid	2.30%, 0.22 lbs/gal.

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
AND STATEMENT OF PRACTICAL TREATMENT

NET CONTENTS

GAL.

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EPA REG. NO. 228-

EPA EST. NO. 228-IL-1

Manufactured By

RIVERDALE CHEMICAL COMPANY

Glenwood, Illinois 60425-1584

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes irreversible eye damage. Do not get in eyes, or on skin or clothing. Wear face shield or goggles and long pants, long-sleeved shirt, shoes and chemical resistant gloves when mixing and loading this concentrate. Wash nondisposable gloves thoroughly with soap and water before reusing. Avoid inhalation of spray mists. Harmful if swallowed or inhaled. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not re-enter or permit workers to re-enter area until sprays have dried.

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical at once.
- IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available drink large quantities of water. Get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person.
- IF ON SKIN: Wash with plenty of soap and water. Get medical attention.
- IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not apply when weather conditions favor drift from target area. Clean and rinse spray equipment using soap or detergent and water, and rinse thoroughly before reuse for other spraying. When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources. Do not contaminate water when disposing of equipment washwaters. Do not apply this product through any type of irrigation system. Do not contaminate domestic or irrigation waters.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling these herbicides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

USE PRECAUTIONS

Avoid mist to vegetables, flowers, ornamentals, shrubs, trees and other desirable plants. Do not pour spray solutions near these plants. Do not spray on carpetgrass, dichondra nor on lawns or turf where desirable clovers are present. Avoid fire mists.

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Except as noted, use only lawn-type sprayers. Coarse sprays are less likely to "wind-drift". Use coarse spray droplets. Do not spray roots of ornamentals and trees. Do not exceed specified dosages for any area; be particularly careful within the dripline of tree and other ornamental species. Do not apply to newly seeded grasses until well established. Do not spray when air temperature exceeds 90°F. Avoid applying during excessively dry or hot periods unless irrigation is used. For optimum results: (1) turf should be not be mowed for 1 to 2 days before and after application; (2) do not apply if rainfall is expected within 48 hours; nor should lawns be irrigated (watered) for 48 hours following application. Reseed no sooner than three to four weeks after application of this product. Failure to observe all precautions may result in injury to turf and/or susceptible plants.

Triplet Selective Herbicide can be mixed with some liquid fertilizers or liquid iron materials. Because liquid fertilizers and liquid iron differ in pH, free ammonia content, density, salt concentration, and percentage of water, a compatibility test is recommended prior to mixing in application equipment. All regulations, either state or Federal, relating to the application of liquid fertilizers or liquid iron and this product must be strictly followed.

WEEDS CONTROLLED

Bedstraw	Dock ✓	Morningglory
Black medic	Ground ivy ✓	Peppergrass
Buckhorn	Healall ✓	Pigweed
Burdock	Henbit ✓	Plantain
Chicory	Knotweed	Poison ivy
Chickweed	Lambsquarters	Poison oak
Clover ✓	Lespedeza ✓	Purslane
Dandelion ✓	Mallow ✓	Ragweed ✓
Sheep sorrel ✓	Spurge ✓	Wild lettuce ✓
Shepherdspurse ✓	Wild carrot ✓	Wild onion
Speedwell ✓	Wild garlic	Yarrow

and other broadleaf weeds.

ORNAMENTAL LAWNS & TURF
RATE

APPLICATIONS

Cool Season Grasses: Use this product at the rate of 3-4 pints per acre (1.1 - 1.5 oz. per 1000 sq.ft.).

✓ For Normal Application - Use 40-80 gallons of water per acre. (1-2 gallons water per 1,000 square feet)

✓ For Professional Lawn Maintenance - Use 1-5 gallons of water per 1,000 square feet. Higher water volumes may be used when tank-mixed with a turf fertilizer. Follow fertilizer labels for proper amounts to add.

Warm Season Grasses:

Such as St. Augustine, Bahia, Common Bermuda, Centipede, and Zoysia grasses - Apply Triplet at a maximum rate of 2 - 2½ pints in 40-200 gallons of water per acre. Use reduced rates if grass is stressed from heat or drought. Exercise care when applying during growth stages from dormancy to green-up and from green-up to dormancy. Some temporary discoloration may occur on warm season grasses.

NOTE: If Bermudagrass is dormant, up to 4 pints per acre may be used. However, some hybrid Bermuda grasses may be sensitive to this product. Contact your local extension service weed control specialist.

Bentgrass:

On closely mowed bentgrass (putting and bowling greens) apply this product at a maximum rate of one fluid ounce in 5 gal. water per 1,500 square ft. - preferably in May or mid-August Through September. Slight turf yellowing will disappear after about one week.

NOTE

Care should be taken to avoid overdosing bentgrass, St. Augustine, and Centipede grasses or injury may result. Large volumes of spray water (i.e. one fluid ounce in 5 gallons water per 1,500 square feet) will aid in obtaining uniform coverage. If hand-type sprayers are used, it is preferable to use a single nozzle sprayer rather than a multiple nozzle boom as sideways application with a boom where the spray from more than one nozzle is allowed to fall on the same area will result in heavy local over-application and subsequent turf discoloration or injury.

Herbi^(R) Controlled Droplet Applicator:

For cool season grasses - add 2-3 pints of Triplet to the Herbi 5 pint container. Fill balance of container with water. Keeping container agitated, spray entire contents over 33,000 sq. ft. (approx. 3/4 acre). Do not overlap spray patterns.

For listed warm season grasses - add 1.5 - 2 pints of Triplet to the Herbi 5 pint container and follow Herbi spray instructions for cool season grasses. Fill balance of container with water. Use reduced rates if grass is stressed from heat, drought, etc.

Other Controlled Droplet Applicators (CDA), atomizers, and Spinning disk Applicators

For cool season grasses - Use Triplet at the rate of 3-4 pints per acre (1.1 - 1.5/oz. per 1000 sq. ft.) in sufficient water to assure coverage (1-4 gal. water per acre is normal for this type equipment). Do not overlap spray patterns.

For listed warm season grasses - Use 2-2½ pints of Triplet per acre (.75 - .9 per 1000 sq. ft) in sufficient water to assure coverage (1-4 gal. of water per acre is normal for this type equipment); and follow CDA spray instructions for cool season grasses. Use reduced rates if grass is stressed from heat, drought, etc.

Lower Volume Equipment:

Use as little as 5 gallons water per acre. Use only application equipment that is capable of spreading a uniform droplet, wetting each weed surface.

Herbi™ is a trademark of North American Micron

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STORAGE AND DISPOSAL

STORAGE: Always use original container to store pesticides in a secured warehouse or storage building. Do not store near seeds, fertilizers, insecticides or fungicides. Store at temperatures above 32°F. If allowed to freeze, remix before using. This does not alter this product. Containers should be opened in well ventilated areas. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high. Do not contaminate water, food or feed by storage or disposal.

PRODUCT DISPOSAL: Pesticide wastes are toxic. If container is damaged or if pesticide has leaked, contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed, labeled container for proper disposal. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of Federal law and may contaminate groundwater. 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.

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

WARRANTY

Riverdale warrants that this herbicide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this herbicide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant, and soil conditions, mixtures with other chemicals, and factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

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