

PM 23

228-262

5/15/97

Pg 175

Please read instructions on reverse before completing form. Form Approved OMB No. 2070-0060. Approval expires 05-31-98



United States Environmental Protection Agency

Washington, DC 20460

Registration
Amendment
Other

OPP Identifier Number

243197

Application for Pesticide - Section I

1. Company/Product Number: 228-262
2. EPA Product Manager: Joanne I. Miller
3. Proposed Classification: [X] None [] Restricted
4. Company/Product (Name): Riverdale Tri-Power (R) Selective Herbicide
5. Name and Address of Applicant: Riverdale Chemical Company, 425 West 194th Street, Glenwood, Illinois 60425-1584
6. Expedited Review: In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. Product Name

Section - II

Amendment - Explain below. Resubmission in response to Agency letter dated. Notification - Explain below. Final printed labels in response to Agency letter dated. "Me Too" Application. Other - Explain below.

NOTIFICATION

MAY 15 1997

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Added information which will allow the use of another Controlled Droplet Applicator, the Herbi™. This change only deals in an additional method of application. It does not affect any current rates, nor does it add any new sites or pests.

NOTIFICATION

MAY 15 1997

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container: Metal, Plastic, Glass, Paper, Other (Specify)
3. Location of Net Contents Information: Label, Container
4. Size(s) Retail Container: Lithograph, Paper glued, Stenciled
5. Location of Label Directions: On Label, On Labeling accompanying product
6. Manner in Which Label is Affixed to Product: Lithograph, Paper glued, Stenciled, Other

Section - IV

1. Contact Point: Russell F. Sawyer, Regulatory Affairs Manager, (708) 754-3330
Certification: I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete.
2. Signature: Russell F. Sawyer
3. Title: Regulatory Affairs Manager
4. Typed Name: Russell F. Sawyer
5. Date: May 1, 1997
6. Date Application Received (Stamped):

2/5

RIVERDALE

TRI-POWER® SELECTIVE HERBICIDE

FOR SELECTIVE BROADLEAF WEED CONTROL
IN ORNAMENTAL LAWNS AND TURF GRASSES

CONTAINS MCPA, MECOPROP AND DICAMBA

KILLS: Dandelion, Chickweed, Black medic, Knotweed, Plantain, Oxalis,
Clover, Cocklebur, Thistle and many other species of
broadleaf weeds; some of which are listed on this label.

ACTIVE INGREDIENTS:

| | |
|--|---------|
| Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid* | 40.42% |
| Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid** | 15.97% |
| Dimethylamine Salt of Dicamba (3,6-Dichloro-o-Anisic Acid)*** | 3.97% |
| INERT INGREDIENTS: | 39.64% |
| TOTAL | 100.00% |

By Isomer Specific AOAC Method, Equivalent to:

| | |
|--|-----------------------|
| *2-Methyl-4-Chlorophenoxyacetic Acid | 33.0%, 3.13 lbs./gal. |
| **2-(2-Methyl-4-Chlorophenoxy)propionic Acid | 13.2%, 1.25 lbs./gal. |
| ***3,6-Dichloro-o-Anisic Acid | 3.3%, .31 lbs./gal. |

Tri-Power® - Is A Registered Trademark of Riverdale Chemical Company

For Use By Professional Turf Maintenance Personnel,
Landscaping or Commercial Applicators Only

NOTIFICATION
MAY 5 1997

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que
se la explique a usted en detalle.

SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND
STATEMENT OF PRACTICAL TREATMENT

EPA REG. NO. 228-262

NET CONTENTS GALS.

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

NOTE: Spanish language is optional

Revised 5/1/97 Added Herbi Controlled Droplet Applicator info - via Notification.

(Inside Booklet)

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****DANGER - PELIGRO**

Corrosive. This concentrate causes irreversible eye damage. Harmful or fatal if swallowed. Harmful if inhaled. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. Wear face shield or goggles when mixing and loading this product. After product has been diluted in accordance with the directions for use on turf below, goggles, face shield or safety glasses are not required. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Call a physician.
IF SWALLOWED: Drink promptly a large quantity of milk, egg whites or gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.
IF ON SKIN: If contacted with the concentrate, wash with plenty of soap and water. Get medical attention. If contact is made after this product has been diluted, wash with plenty of soap and water. Rinse thoroughly.
IF INHALED: Remove victim to fresh air and apply respiration if indicated.

ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect nontarget plants. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. When cleaning equipment, do not pour 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 water used for irrigation or domestic purposes.

Most cases of ground water contamination involving phenoxy herbicides such as MCPA and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling these phenoxy pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and 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.

Tri-Power® is for use on Lawns, Turf, Golf Courses (Fairways, Aprons, Tees and Roughs), Parks, Cemeteries and similar non-crop areas. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production or for research purposes.

USE PRECAUTIONS

Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not pour spray solutions near desirable plants. Do not use on Dichondra, nor on lawns or turf where desirable clovers are present. Avoid fine mists. Use lawn type sprayer with coarse spray as wind drift is less likely. Avoid contact with exposed feeder roots of ornamentals and trees. Maximum kill of weeds will be obtained from Spring or early Fall applications when weeds are actively growing. Use the higher rate for hard-to-kill weeds. 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.

For optimum results: (1) avoid applying during excessively dry or hot periods unless

irrigation is used; (2) avoid applying if rainfall is expected within 24 hours, nor should lawns be irrigated (watered) for 24 hours following application; (3) turf should not be mowed 1 to 2 days before and following application; (4) reseed no sooner than 3 to 4 weeks after application of this product. Adding oil, wetting agent, or other surfactant to the spray may be used to increase effectiveness on weeds but doing so may reduce selectivity to turf resulting in turf damage. Clean and rinse spray equipment using soap or detergent and water, and rinse thoroughly before reuse for other sprays.

Tri-Power® 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 (given below) is recommended prior to mixing in the 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. The following compatibility test should always be performed prior to full-scale mixing.

1. Pour 18 ounces of water into a quart jar.
2. Add 1 ounce of either the liquid fertilizer or liquid iron to be used.
3. Add 1 ounce of Tri-Power®.
4. Close jar and shake well.
5. Watch the mixture for several seconds after shaking and check again after 30 minutes.
6. If the mixture does not show signs of separating, the combination may be used. If the mixture foams excessively, gels, separates or gets very thick, do not combine for field application.
7. Compatibility may be improved by the use of a compatibility agent. Some suggested compatibility agents to try are Kalo Laboratories Complex, Hopkins Chemical's Unite, Farm Chemicals Inc.'s Compat, Harcros Chemicals' T-Mulz 734-2, Rigo Company's Rigo Compatibility Agent, Witco Chemical's Sponto 168D, Amoco Oil's Amoco Spray Mate and Universal Coop.'s Chem-Link. These agents are all used in the same manner. Follow the previously outlined test procedures and add 1/6 ounce of the compatibility agent between steps (the compatibility agent must be added to the fertilizer or iron before adding the Tri-Power®).
8. If the mixture does not separate, gel, foam or get very thick, it may be used for field application. Mix only the amount to be sprayed. Do not allow to stand overnight.

ORNAMENTAL LAWNS AND TURFS

Cool Season Grasses: Apply Tri-Power Selective Herbicide at the rate of 2-1/2 to 3-1/2 pints in 20 to 240 gallons of spray solution per acre (0.9 to 1.25 fluid ounces in 0.5 to 4 gallons of water per 1,000 square feet) to control weeds growing in ornamental lawn turf planted to Kentucky bluegrass, perennial ryegrass, tall fescue or fine fescue. Avoid applications to bentgrass maintained as a desired turfgrass as temporary injury may result. Where bentgrass or other sensitive grasses are predominant in a lawn, use the lower rate.

Warm Season Grasses: Apply Tri-Power Selective Herbicide at the rate of 2 to 3 pints in 20 to 240 gallons of spray solution per acre (0.7 to 1.1 fluid ounces in 0.5 to 4 gallons of water per 1,000 square feet) to control weeds growing in Bermuda grass or zoysia grass. Applications to other grass species including bahiagrass, kikuyugrass, buffalograss, centipedegrass, carpetgrass or St. Augustinegrass should be avoided unless injury can be tolerated. Avoid applications to warm season grasses emerging from Winter dormancy unless a slight delay in Spring green-up can be tolerated.

Herbi™ Controlled Droplet Applicator: For Cool Season Grasses - Add 1-2/3 to 2-1/2 pints of Tri-Power to the 5 pint Herbi bottle, then fill with water to make 5 pints of mixture or substitute 1/2 pint of a surfactant for water while agitating the solution. For Listed Warm Season Grasses - Apply 1-1/4 to 1-2/3 pints of Tri-Power, then add water to make total of 5 pints of mixture. While walking at approximately 1 pace (3 feet) per second, spray entire contents over 33,000 square feet (3/4 of an acre). Do not overlap

(double coverage) at edge of spray patterns. Reduced rates (use 1/2 of rate shown above) of Tri-Power must be applied when grass is stressed from heat, drought, etc. Herbi™ is a trademark of North American Micron.

Controlled Droplet Applicators - (CDA), Atomizers, and Spinning Disk Applicators: For Cool Season Grasses - Use Tri-Power at the rate of 2-1/2 to 3-1/2 pints per acre (0.9 to 1.25 fluid ounces per 1,000 square feet) in sufficient water to assure coverage 1 to 4 gallons of water per acre is normal for this type of equipment). For Listed Warm Season Grasses - Use 2 to 3 pints of Tri-Power per acre (0.7 to 1.1 fluid ounces per 1,000 square feet) in sufficient water to assure coverage (1 to 4 gallons of water per acre is normal for this type of equipment).
NOTE: For all grasses (1) Do not overlap spray patterns; (2) Use reduced rates if grass is stressed from heat, drought, etc.; and (3) Follow CDA equipment spray instructions.

WEEDS CONTROLLED BY TRI-POWER®

Bindweed, Black Medic, Buckhorn, Burdock, Buttercup, Canada thistle, Carpetweed, Chickweed, Chicory, Clover, Cocklebur, Dandelion, Dock, Dog fennel, English daisy, Florida pusley, Frenchweed, Goldenrod, Ground ivy, Hawkweed, Healall, Heartleaf drymary, Henbit, Jimsonweed, Knotweed, Kochia, Lambsquarter, Mallow, Morningglory, Mustard, Oxalis, Pennywort, Pepperweed, Pigweed, Plantain, Poison ivy, Poison oak, Purslane, Ragweed, Red clover, Red sorrel, Sheep sorrel, Shepherdspurse, Smartweed, Speedwell, Spurge, Spurweed, Stinging nettle, Stitchwort, Thistle, Toadflax, Veronica, Wild aster, Wild carrot, Wild garlic, Wild geranium, Wild lettuce, Wild onion, Wild radish, Wood sorrel, Yarrow and many other broadleaf weeds.

STORAGE AND DISPOSAL

STORAGE: Always 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 acutely hazardous. 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. 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 are 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.

(RS 030191) (PR938&11 042194/RV 050197)