



PM 228-228
151
COPY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Russell F. Sawyer
RIVERDALE CHEMICAL CO.
425 West 194th Street
Glenwood, IL 60425

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 08/17/93 in Response to PR Notice 93-7
EPA Reg. No. 228-228
RIVERDALE TRIAMINE II W.S.

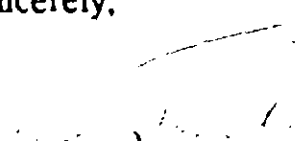
Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Enclosures



195
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

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in Compliance with the PR Notice 93-7
EPA Reg Nr. 228-228
RIVERDALE TRIAMINE II W.S.

Modify the exclusionary statement to conform to the EPA-
approved language specified in PRN 93-11.

APPROVED
COMMENTS
Letter Dated

FEB 16 1994

Under the Federal Insecticide,
Fungicide and Rodenticide Act
and amendments, for the pesticide
registered under EPA Reg. No.
228-228

RIVERDALE

TRIAMINE™ II W.S.

A WATER SOLUBLE HERBICIDE

FOR SELECTIVE BROADLEAF WEED CONTROL
IN ORNAMENTAL LAWNS AND TURF GRASSES

ACTIVE INGREDIENTS:*

2-Methyl-4-Chlorophenoxyacetic Acid	17%
2-(2-Methyl-4-Chlorophenoxy)propionic Acid	17%
2-(2,4-Dichlorophenoxy)propionic Acid	17%

INERT INGREDIENTS:	49%
TOTAL	100%

*By Isomer Specific AOAC Method

Triamine™ Is A Trademark of Riverdale Chemical Company.

Patent Pending.

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 Side Panel for Additional Precautionary Statements

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available drink large quantities of water. Avoid alcohol. Get medical attention. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

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.

NET WEIGHT 4 LBS.

EPA REG. NO. 228-228

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

NOTE: Spanish language is optional

Revised A/O 4/20/93

non-flammable. It is for use on lawns, turf (excluding pastures, sod farms and turf grown to produce seed), golf courses (fairways, aprons, tees, and roughs), parks, highways, cemeteries, and similar non-crop areas.

Note: Two "heaping" tablespoonfuls equals one ounce of Triamine II W.S.

USE PRECAUTIONS

CARE MUST BE TAKEN TO AVOID DRIFT OF SPRAY MISTS TO NON-TARGET susceptible plants such as cotton, vegetables, flowers, ornamentals, shrubs, trees, and other desirable plants. Do not allow spray mist to contact these plants. Do not spray on dichondra nor on grasses where desirable clovers are present. Avoid fine mists. Use a lawn type sprayer with coarse spray as wind drift is less likely. Do not spray exposed roots of desirable plants. Use the higher rate for hard-to-kill weeds. Do not exceed specified application dosages for any area. Apply to newly seeded lawns or turf only after grasses are well established. Spray when air temperature is less than 90°F. Avoid applying during excessively dry or hot periods unless irrigation is used. Do not irrigate 24 hours prior to application. For optimum results: (1) turf should 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. Triamine II W.S. 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 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.

WEEDS CONTROLLED BY TRIAMINE™ II W.S.

Alders, Beggarticks, Bindweed, Black medic, Blue lettuce, Buckhorn, Burcucumber, Burdock, Buttercup, Canada thistle, Carpetweed, Catsear, Chervil, Chickweed, Chicory, Clover, Cocklebur, Croton, Dandelion, Dock, Dogfennel, Dragonhead mint, Dwarf nettle, English daisy, Fanweed, Fat hen, Field bindweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Halbertleaved saltbush, Hawkweed, Healall, Heartloaf drymary, Hemlock, Hempnettle, Henbit, Hoary cress, Honeysuckle, Jimsonweed, Knotweed, Kochia, Lambsquarters, Mallow, Marshelder, Morningglory, Mexican poppy, Minerslettuce, Moneywort, Poison ivy, Poison oak, Prickly lettuce, Puncture vine, Purslane, Ragweed, Red clover, Red root, Red sorrel, Red stem, Sheep sorrel, Shepherdspurse, Smartweed, Sneezeweed, Sowthistle, Spanishneedles, Speedwell, Spurge, Spurweed, Stinkweed, Stitchwort, Sunflower, Sweet clover, Stinging nettle, Thornapple, Toadflax, Tree-of-heaven, Velvet leaf, Veronica, Vetch, Violet, Virginia buttonweed, Wild aster, Wild carrot, Wild garlic, Wild geranium, Wild gooseberry, Wild jute, Wild lettuce, Wild marigold, Wild onion, Wild petunia, Wild radish, Wild sage, Wild strawberry, Willow, Witchweed, Woodsorrel, Yarrow, Yellow charlock-mustard, Yellow daisy, Yellow rocket, and other broadleaf weeds.

ORNAMENTAL LAWNS AND TURF

For Cool Season Grasses such as Bluegrass, Fescue and Rye: use Triamine II W.S. herbicide at a rate of 1.2 to 1.5 oz. per 1000 sq. ft. (or 3.3 to 4.0 lbs. per acre) in sufficient water for good coverage (1-4 gallons per 1000 sq. ft. or 40-180 gallons per acre are normal).

Controlled Droplet Applicator:

Reduced rates of Triamine II W.S. must be used when grass is stressed from heat;

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 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)(PR937&8 042194)



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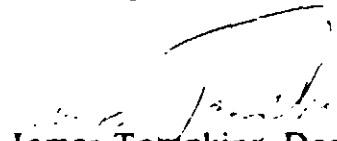
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James Tompkins, Deputy Chief
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Registration Division (7505W)

Enclosures



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RIVERDALE

TRIAMINE™ II W.S.

A WATER SOLUBLE HERBICIDE

FOR SELECTIVE BROADLEAF WEED CONTROL
IN ORNAMENTAL LAWNS AND TURF GRASSES

ACCEPTED
with COMMENTS
In EPA Letter Dated

FEB 16 1994

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

228-228

ACTIVE INGREDIENTS:*

2-Methyl-4-Chlorophenoxyacetic Acid	17%
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2-(2,4-Dichlorophenoxy)propionic Acid	17%

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TOTAL	100%

*By Isomer Specific AOAC Method

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Patent Pending.

KEEP OUT OF REACH OF CHILDREN

DANGER

See Side Panel for Additional Precautionary Statements

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

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NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

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.

NET WEIGHT 4 LBS.

EPA REG. NO. 228-228

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

Revised A/O 6/18/93



Label Copy for Fiber Canister

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes irreversible eye damage. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed or inhaled. Wear face shield or goggles, long pants, long-sleeved shirt, shoes and chemical resistant gloves when mixing, loading or applying this product. Wash non-disposable gloves thoroughly with soap and water before removing. 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 treated areas until sprays have dried.

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. Do not contaminate water when disposing of equipment washwaters or rinsate nor pour washwater on the ground; spray or drain over a large area away from wells and other water sources. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPA, MCPP and 2,4-DP 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. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS.

GENERAL INFORMATION.

Riverdale Triamine II W.S. herbicide is a stable water soluble mixture of three herbicides. This 4 lb. container will treat from 43,500 to 53,000 sq. ft. of cool season grasses or 58,000 to 79,000 sq. ft. of St. Augustine, Centipede, Bermuda, Carpet, Red Fescue, and Bent grasses.

TO OPEN: Lift plug with screwdriver or like tool.

TO CLOSE: Resecure tightly with hammer or like tool.

Just add the recommended water to your spray tank then add the appropriate amount of water soluble Triamine II W.S. into the spray tank, agitate for three to five minutes. Once dissolved, Triamine II W.S. will make a stable water solution. It is non-flammable. It is for use on lawns, turf (~~not~~ pastures), golf courses (fairways, aprons, tees, and roughs), parks, highways, ~~sod farms~~, cemeteries, and similar non-crop

areas.

Note: Two "heaping" tablespoonfuls equals one ounce of Triamine II W.S.

USE PRECAUTIONS

CARE MUST BE TAKEN TO AVOID DRIFT OF SPRAY MISTS TO NON-TARGET susceptible plants such as cotton, vegetables, flowers, ornamentals, shrubs, trees, and other desirable plants. Do not allow spray mist to contact these plants. Do not spray on dichondra nor on grasses where desirable clovers are present. Avoid fine mists. Use a lawn type sprayer with coarse spray as wind drift is less likely. Do not spray exposed roots of desirable plants. Use the higher rate for hard-to-kill weeds. Do not exceed specified application dosages for any area. Apply to newly seeded lawns or turf only after grasses are well established. Spray when air temperature is less than 90°F. Avoid applying during excessively dry or hot periods unless irrigation is used. Do not irrigate 24 hours prior to application. For optimum results: (1) turf should 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. Triamine II W.S. 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 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.

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ORNAMENTAL LAWNS AND TURF

For Cool Season Grasses such as Bluegrass, Fescue and Rye: use Triamine II W.S. herbicide at a rate of 1.2 to 1.5 oz. per 1000 sq. ft. (or 3.3 to 4.0 lbs. per acre) in sufficient water for good coverage (1-4 gallons per 1000 sq. ft. or 40-180 gallons per acre are normal).

Controlled Droplet Applicator:

Reduced rates of Triamine II W.S. must be used when grass is stressed from heat, drought, etc. Do not use this method on warm season grasses. Add 2.2 to 3.0 lbs. to the herbicide container then fill with 5 pints of water, keeping container agitated.

BEST AVAILABLE COPY

Spray entire contents over 33,000 sq. ft. (approx. 3/4 acre). Do not overlap between patterns.

Warm Season Grasses - St. Augustine, Centipede, Bahia, common Bermuda, Carpet, and Zoysia grasses:

Apply Triamine II W.S. herbicide at a rate of .8 to 1.1 oz. per 1000 sq. ft. (2.2 to 3.0 lbs. per acre) in 4 gallons of water per 1000 (up to 180 gallons of water per acre). Do not spray St. Augustine, Carpet, or Centipede grasses if stressed from heat, drought, etc. Slight turf yellowing should disappear in about one week. Exercise care when applying during growth stages from dormancy to green-up and from green-up to dormancy.

NOTE: Some hybrid Bermuda grasses may be sensitive to this product. Contact your local extension service weed control specialist.

Bentgrass:

On closely mowed bentgrass, apply Triamine II W.S. at a maximum of 1.1 oz. per 1000 sq. ft. (or 3.0 lbs. per acre) in 4 gallons of water per 1000 sq. ft. (up to 180 gallons water per acre) in May or mid-August through September when weeds are actively growing. Exercise care to avoid over-dosing bentgrass or turf injury may result. Slight turf yellowing should disappear after about one week.

STORAGE AND DISPOSAL

STORAGE: Always store pesticides in a secure warehouse or storage building. This product should be stored in a cool, dry location. Do not store near seeds, fertilizers, insecticides, or fungicides. Container should be opened in well ventilated area. All containers should be kept tightly sealed when not in use. Do not contaminate water, food or feedstuff by storage or pesticide disposal.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixtures or rinsate is a violation of Federal law. If container is damaged or if pesticide has spilled, contain all spillage. Clean up all spilled material with broom. Place in a closed, labeled container for proper disposal. 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: Completely empty container into application equipment. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

This product is sold by weight and not by volume. If it does not appear full when opened, it is because contents have settled during shipping and handling.

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 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 042194)