

Reg. No. 228-265

93-3

TELEPHONE (800) 345-3330
(708) 754-3330
FAX (708) 754-0314



C H E M I C A L C O M P A N Y

OFFICE: 425 WEST 194th STREET, GLENWOOD, IL 60425-1584
PLANT: 220 EAST 17th STREET, CHICAGO HEIGHTS, IL 60411-3699

June 3, 1993

Document Processing Desk (Notification)
Registration Division - H7505C
U. S. Environmental Protection Agency
401 M Street S.W.
Washington, DC 20460

Dear Sir/Madam:

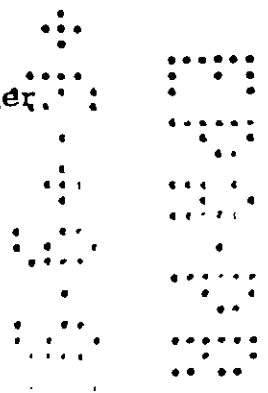
Subject: PR Notice 93-3 dated March 9, 1993
Riverdale Dissolve™
EPA Reg. No. 228-265
OPP Identifier No. 196208

Please find enclosed the necessary paperwork to notify the Agency that we are revising our label in accordance with the above subject PR Notice. If there is anything else we should do at this time, please contact us immediately.

Sincerely yours,

RIVERDALE CHEMICAL COMPANY

By Russell F. Sawyer
Regulatory Affairs Manager



RFS:ls

Enc.

(A)	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number 196208
	Application for Pesticide:		

Section I

1. Company/Product Number 228-265	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Riverdale Dissolve TM	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Riverdale Chemical Company 425 W. 194th Street Glenwood, IL 60425-1584 <input type="checkbox"/> Check if this is a new address	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

<input type="checkbox"/> Amendment - Explain below <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - explain below.
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Explanation: Use additional page(s) if necessary. (For section I and Section II.)

To comply with PR Notice 93-3

**NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 93-3**
DATE: 7/1/93

Section III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No * Certification must be submitted.	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
if "Yes," Unit Package wgt. No. per container		if "Yes," Package wgt. No. per container	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Russell F. Sawyer	Title Regulatory Affairs Mgr.	Telephone No. (Include Area Code) (708) 754-3330
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
Signature: 	3. Title Regulatory Affairs Manager	
4. Typed Name Russell F. Sawyer	5. Date June 3, 1993	

RIVERDALE
DISSOLVE™

A WATER SOLUBLE HERBICIDE

A THREE-WAY POST-EMERGENT SELECTIVE HERBICIDE CONTAINING THE AMINES OF 2,4-D, MECOPROP AND DICHLORPROP. FOR USE ON GOLF COURSES, PARKS, HIGHWAYS, SOD FARMS, ORNAMENTAL TURF LAWNS AND SIMILAR NON-CROP AREAS. KILLS DANDELIONS CHICKWEEDS, PLANTAINS, OXALIS, SPURGE AND MANY OTHER BROADLEAF WEEDS, SOME OF WHICH ARE LISTED ON THIS LABEL.

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	46.96%
Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid**	24.20%
Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid***	23.84%

INERT INGREDIENTS:	5.00%
TOTAL	100.00%

By Isomer Specific AOAC Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid	39.0%
**2-(2-Methyl-4-Chlorophenoxy)propionic Acid	20.0%
***2-(2,4-Dichlorophenoxy)propionic Acid	20.0%

Dissolve is a Trademark of Riverdale Chemical Company

Patent Pending

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

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
And Statement of Practical Treatment

NET CONTENTS: 4 lb. 14 oz. (fiber canister)
(or) 25 lbs. (10 x 2½ lb. packets)
(or) 5 lbs. (8 x 10 oz. packets)

EPA REG. NO. 228-265

EPA EST. NO. 228-IL-1

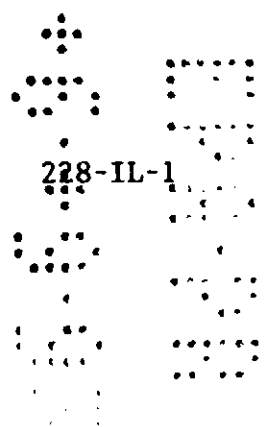
MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

Rev. A/O 3/9/93

**NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-8**
DATE 7/1/93



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

CORROSIVE: Causes irreversible eye damage. Do not get in eyes, or on skin or clothing. Avoid inhalation of spray mists. Harmful if swallowed or inhaled. Wear face shield or goggles and long pants, long-sleeved shirt, socks, shoes and chemical resistant gloves when mixing, loading or applying this product. Wash nondisposable gloves thoroughly with soap and water before removing. After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower. The maximum number of broadcast applications to turf per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

Please see additional Precautionary Statements in Directions For Use instructions.

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 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 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. For terrestrial uses, 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 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, 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 or transferring this pesticide will

100%
100%
100%

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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.**

ADDITIONAL PRECAUTIONS FOR SOD FARM AND INDUSTRIAL APPLICATIONS

When mixing, loading or applying this product or repairing or cleaning equipment used with this product, wear face shield or goggles and chemical resistant gloves, long-sleeved shirt, long pants, socks and shoes. For aerial applicators in an enclosed cockpit and applicators applying this product from a tractor that has a completely enclosed cab, eye protection is not required. Wash hands, face and arms with soap and water as soon as possible after mixing, loading or applying this product. Wash hands, face and arms with soap and water before eating, smoking or drinking. Wash hands, face and arms before using toilet. After work, remove all clothing and shower using soap and water. Do not reuse clothing worn during the previous day's mixing and loading or application of this product without cleaning first. Clothing must be kept and washed separately from other household laundry. There isn't any restriction on the annual maximum number of broadcast applications for Sod Farms nor Industrial uses. Do not enter or allow Sod Farm workers entry into treated areas during the restricted-entry interval of 48 hours. No re-entry restriction for Industrial uses.

(For 4 lb. 14 oz. - Fiber Canister)

GENERAL INFORMATION: Riverdale Dissolve™ is a stable water soluble mixture of three herbicides. This 4 lb. 14 oz. container will treat from 87,000 to 117,450 sq. ft. (2 to 2.7 acres) of cool season grasses or 117,450 to 174,000 sq. ft. (2.7 to 4 acres) of Bahia, Bent, Bermuda, Centipede, St. Augustine, and Zoysia grasses. Maximum kill of common weeds will be obtained by applying in Spring and early Fall when weeds are actively growing.

TO OPEN: Lift plug with screwdriver or like tool.

TO CLOSE: Re-secure tightly with hammer or like tool.

Just add the recommended water to your spray tank then add the appropriate amount of water soluble Dissolve into the spray tank, agitate for three to five minutes. Dissolve will make a stable water solution. It is non-flammable. Dissolve 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 Dissolve.

(For 2½ lb. - Water Soluble Packets)

GENERAL INFORMATION: Riverdale Dissolve is a stable water soluble mixture of three herbicides. Each 2½ lb. water soluble packet will treat from 43,500 to 58,000 sq. ft.

(1 to 1-1/3 acres) of cool season grasses or 58,000 to 87,000 sq. ft. (1 1/3 to 2 acres) of Bahia, Bent, Bermuda, Centipede, St. Augustine, and Zoysia grasses. Maximum kill of common weeds will be obtained by applying in Spring and early Fall when weeds are actively growing.

Just add the recommended water to your spray tank then remove the water soluble packet from plastic outer bag, add the appropriate Dissolve into the spray tank, agitate for three to five minutes. Dissolve will make a stable water solution.. It is non-flammable. Dissolve 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.

The 1 acre coverage is equivalent to 2 lbs. AI/Acre; the 1-1/3 acre coverage is equivalent to 1-1/2 lbs. AI/Acre. The 2 acre coverage is equivalent to 1 lb. AI/Acre.

NOTES: (1) Exposure to moisture prior to mixing may cause water soluble bag to rupture. (2) Individual water soluble bags are not to be offered for sale.

(For 10 oz. - Water Soluble Packets)

GENERAL INFORMATION: Riverdale Dissolve is a stable water soluble mixture of three herbicides. Each 10 oz. water soluble packet will treat from 10,000 to 15,000 sq. ft. (prox. 1/4 to 1/3 acre) of cool season grasses or 15,000 to 22,000 sq. ft. (prox. 1/3 to 1/2 acre) of Bahia, Bent, Bermuda, Centipede, St. Augustine, and Zoysia grasses. Maximum kill of common weeds will be obtained by applying in Spring and early Fall when weeds are actively growing.

Just add the recommended water to your spray tank then remove the water soluble packet from plastic outer bag, add the appropriate Dissolve into the spray tank, agitate for three to five minutes. Dissolve will make a stable water solution. It is non-flammable. Dissolve 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.

The 10,000 sq. ft. coverage is equivalent to approximately 2 lbs. AI/Acre; the 15,000 coverage is equivalent to approximately 1-1/2 lbs. AI/Acre. The 22,000 sq. ft. coverage is equivalent to approximately 1 lb. AI/Acre.

NOTES: (1) Exposure to moisture prior to mixing may cause water soluble bag to rupture. (2) Individual water soluble bags are not to be offered for sale.

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 carpetgrass, 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 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.

Dissolve 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 DISSOLVE™

Alders, Artichoke, Aster, Austrian fieldcress, Beggarticks, Bidden, Bindweed, Bitterweed, Bitter winter cress, Black medic, Blessed thistle, Blue lettuce, Box elder, Broomweed, Buckhorn, Bull thistle, Burdock, Bur ragweed, Buttercup, Canada thistle, Carpetweed, Catnip, Chickweed, Chicory, Clover, Cockle, Cocklebur, Coffeebean, Coffeeweed, Common sowthistle, Creeping jenny, Croton, Curly indigo, Dandelion, Dock, Dogbane, Dogfennel, Elderberry, English daisy, Flea bane (daisy), Flixweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Gumweed, Hawkweed, Healall, Heartloaf drymary, Hemp, Henbit, Hoary cress, Honeysuckle, Horsetail, Indiana mallow, Ironweed, Jewelweed, Jimsonweed, Kochia, Knotweed, Lambsquarters, Locoweed, Lupines, Mallow, Marshelder, Mexicanweed, Morningglory, Musk thistle, Mustard, Nettle, Nutgrass, Orange hawkweed, Oxalis, Parsnip, Pennycress, Pennywort, Peppergrass, Pepperweed, Pigweed, Plantain, Poison hemlock, Poison ivy, Poison oak, Pokeweed, Poorjoe, Povertyweed, Prickly lettuce, Primrose, Puncture vine, Purslane, Ragweed, Red clover, Red sorrel, Rush, Russian thistle, St. Johnswort, Sheep sorrel, Shepherdspurse, Smartweed, Sneezeweed, Southern wild rose, Sowthistle, Spanishneedles, Spatterdock, Speedwell, Spurge, Spurweed, Stinkweed, Stitchwort, Sumac, Sunflower, Sweet clover, Tarweed, Thistle, Toadflax, Tumbleweed, Velvet leaf, Veronica, Vervain, Vetch, Virginia buttonweed, Virginia creeper, Wild aster, Wild carrot, Wild garlic, Wild geranium, Wild lettuce, Wild onion, Wild radish, Wild rape, Wild strawberry, Wild sweet potato, Willow, Witchweed, Woodsorrel, Wormseed, Yarrow, Yellow rocket, and other broadleaf weeds.

ORNAMENTAL LAWNS AND TURF

(For 4 lb. 14 oz. - Fiber Canister)

Cool Season Grasses - such as Bluegrass, Fescue and Rye:

For normal application, use Dissolve at a rate of 1.8 to 2.5 lbs. per acre in sufficient water for good coverage, 40 to 200 gallons of water per acre (1 to 4 gallons of water per 1000 square feet is normal). For small lawns use 1 to 2 tablespoons in one gallon water per 1000 square feet.

Warm Season Grasses - St. Augustine, Bahia, common Bermuda, Centipede and Zoysia grasses: Apply Dissolve at a maximum rate of 1.2 to 1.8 lbs. in up to 150 gallons of water per acre (1/2 to 1 oz. in 3 gallons of water per 1000 square feet). Do not spray ST. Augustine, or Centipede grasses if stressed from heat, drought, etc. Slight turf yellowing should disappear after about 1 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 Turf: On closely mowed Bentgrass - other than golf course greens and tees, apply Dissolve at a maximum rate of 1/2 to 2/3 ounce in 3 gallons water per 1000 square feet (1.2 to 1.8 lbs. per acre) in May of mid-August through September when weeds are actively growing. Exercise care to avoid over-dosing bentgrass or injury may result. Slight turf yellowing should disappear after about 1 week.

Low Volume Applicator: When using a Low Volume Applicator (such as Lawn Doctor's "Turf Tamer" use Dissolve at a rate of 1.8 to 2.5 lbs. per acre (2/3 to 1 oz. in 1/2 gallon of water per 1000 sq. ft.).

Herbi™ Controlled Droplet Applicator: Reduced rates (use 1/2 of rate shown above) of Dissolve must be used when grass is stressed from heat, drought, etc. For cool season and common Bermuda grasses add 1.4 to 1.8 lbs. of Dissolve to the 5 pint Herbi™ bottle, then fill with 5 pints of water (or 4-1/2 pints of water and 1/2 pint of a surfactant) then agitate the solution. For listed warm season grasses use .7 to 1 lb. of Dissolve in 5 pints of water (or 4-1/2 pints of water and 1/2 pint of surfactant) then agitate the solution. 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.

Herbi™ is a trademark of North American Micron.

SIMILAR NON-CROP AREAS

Roadsides (including aprons and guard rails) rights-of-way, and other SIMILAR NON-CROP AREAS: For the control of broadleaf weeds, mix at a rate of 1.6 to 4.8 lbs. of Dissolve per 50 to 300 gallons of water. This mixture will cover 43,500 sq. ft. (1 acre). Thoroughly saturate all weeds with spray mixture. Apply when plants come into full leaf (Spring) to the time plants begin to go dormant. Best results are obtained when weeds are young and actively growing. Do not cut weeds until herbicide has translocated throughout the plant causing root death. For small broadleaf weeds use the lower rate. Heavy, dense stands require the higher rate with high water volume. For small (spot) applications with small tank sprayers use at the rate of 1/2 to 1-3/4 ounces Dissolve per gallon of water and spray to thoroughly wet all foliage.

For control of woody plants, apply to both stems and foliage from the time foliage is completely matured until the plants start to go dormant. All leaves, stems and suckers must be completely wet to the ground line for effective control. Regrowth may be anticipated on the more resistant species. Add 4.8 to 7.3 lbs. Dissolve to 200 gallons of water using 200 to 600 gallons of spray mixture per 43,500 sq. ft. depending upon the heights and thickness of the brush. Mix thoroughly before spraying.

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 handling.

ORNAMENTAL LAWNS AND TURF

(For 2½ lb. Water Soluble Packets)

Cool Season Grasses - such as Bluegrass, Fescue and Rye:

Each 2½ lb. water soluble packet will treat 1 to 1-1/3 acre (43,500 to 58,000 sq. ft.). Add each Dissolve 2½ lb. packet to 20 to 230 gallons of water per acre (1-4 gallons of water per 1000 square feet is normal).

Warm Season Grasses - St. Augustine, Bahia, common Bermuda, Centipede and Zoysia grasses: Each Dissolve 2½ lb. water soluble packet will treat 1-1/3 to 2 acres (58,000 to 87,000 sq. ft.). Add the Dissolve 2½ lb. packet to 20 to 230 gallons of water per acre (1 to 4 gallons of water per 1000 square feet is normal). Do not spray St. Augustine, or Centipede grasses if stressed from heat, drought, etc. Slight turf yellowing should disappear after about 1 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 you local extension service weed control specialist.

Bentgrass Turf: On closely mowed Bentgrass - other than golf course greens and tees, apply Riverdale Dissolve 2½ lb. packets at the same rates as for warm season grasses, in May or mid-August through September when weeds are actively growing. Exercise care

to avoid over-dosing bentgrass or injury may result. Slight turf yellowing should disappear after about 1 week.

Low Volume Applicator: When using a Low Volume Applicator (such as Lawn Doctor's "Turf Tamer") empty contents of 2½ lb. water soluble packet into 1/2 gallon of water to treat 1 to 1-1/3 acres.

Herbi™ Controlled Droplet Applicator: Reduced rates (use 1/2 of rate shown above) of Dissolve must be used when grass is stressed from heat, drought, etc. For cool season and common Bermuda grasses empty 1/2 to 3/4 of 2-1/2 lb. water soluble packet of Dissolve into 5 pint Herbi™ bottle, then fill with 5 pints of water (or 4-1/2 pints of water and 1/2 pint of a surfactant) then agitate the solution. For listed warm season grasses empty 1/4 to 2/5 of 2-1/2 lb. water soluble packet of Dissolve into 5 pints of water (or 4-1/2 pints of water and 1/2 pint of surfactant) then agitate the solution. 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.

Herbi™ is a trademark of North American Micron.

SIMILAR NON-CROP AREAS

Roadsides (including aprons and guard rails) rights-of-way, and other SIMILAR NON-CROP AREAS: For the control of broadleaf weeds, mix each 2½ lb. packet of Riverdale Dissolve in 50 to 300 gallons of water. This mixture will cover 43,500 sq. ft. (1 acre). Thoroughly saturate all weeds with spray mixture. Apply when plants come into full leaf (Spring) to the time plants begin to go dormant. Best results are obtained when weeds are young and actively growing. Do not cut weeds until herbicide has translocated throughout the plant causing root death. For small broadleaf weeds use the lower rate. Heavy, dense stands require the higher rate with high water volume.

For control of woody plants, apply to both stems and foliage from the time foliage is completely matured until the plants start to go dormant. All leaves, stems and suckers must be completely wet to the ground line for effective control. Regrowth may be anticipated on the more resistant species. Add 2 to 3, 2½ water soluble packets of Riverdale Dissolve to 100 gallons of water using 200 to 600 gallons of spray mixture per 43,500 sq. ft. (1 acre) depending upon the height and thickness of the brush. Mix thoroughly before spraying.

ORNAMENTAL LAWNS AND TURF

(For 10 oz. Water Soluble Packets)

Cool Season Grasses - such as Bluegrass, Fescue and Ryegrass:

Each 10 oz. water soluble packet will treat 10,000 to 15,000 sq. ft. (prox. 1/4 to 1/3 acre). Add each Dissolve 10 oz. packet to 5 to 60 gallons of water per acre (1 to 4 gallons of water per 1000 square feet is normal).

Warm Season Grasses - St. Augustine, Bahia, common Bermuda, Centipede and Zoysia grasses: Each Dissolve 10 oz. water soluble packet will treat 15,000 to 22,000 sq. ft. (prox. 1/3 to 1/2 acre). Add the Dissolve 10 oz. packet to 5 to 60 gallons of water per acre (1 to 4 gallons of water per 1000 square feet is normal). Do not spray St. Augustine or Centipede grasses if stressed from heat, drought, etc. Slight turf yellowing should disappear after about 1 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

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local extension service weed control specialist.

Bentgrass Turf: On closely mowed Bentgrass - other than golf course greens and tees, apply Riverdale Dissolve 10 oz. packets at the same rates as for warm season grasses, in May or mid-August through September when weeds are actively growing. Exercise care to avoid over-dosing bentgrass or injury may result. Slight turf yellowing should disappear after about 1 week.

Low Volume Applicator: When using a Low Volume Applicator (such as Lawn Doctor's "Turf Tamer") empty contents of 10 oz. water soluble packet into 1/2 gallon of water to treat 10,000 to 15,000 sq. ft.

Herbi™ Controlled Droplet Applicator: Reduced rates (use 1/2 of rate shown above) of Dissolve must be used when grass is stressed from heat, drought, etc. For cool season and common Bermuda grasses empty 2 to 3, 10 oz. water soluble packets of Dissolve into 5 pint Herbi™ bottle, then fill with 5 pints of water (or 4-1/2 pints of water and 1/2 pint of a surfactant) then agitate the solution. For listed warm season grasses empty 1 to 1-1/2 of 10 oz. water soluble packets of Dissolve into 5 pints of water (or 4-1/2 pints of water and 1/2 pint of surfactant) then agitate the solution. 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. Herbi™ is a trademark of North American Micron.

SIMILAR NON-CROP AREAS

Roadsides (including aprons and guard rails) rights-of-way, and other SIMILAR NON-CROP AREAS: For the control of broadleaf weeds, mix each 10 oz. packet of Riverdale Dissolve in 10 to 75 gallons of water. This mixture will cover 10,000 sq. ft. (prox. 1/4 acre). Thoroughly saturate all weeds with spray mixture. Apply when plants come into full leaf (Spring) to the time plants begin to go dormant. Best results are obtained when weeds are young and actively growing. Do not cut weeds until herbicide has translocated throughout the plant causing root death. For small broadleaf weeds use the lower rate. Heavy, dense stands require the higher rate with high water volume.

For control of woody plants, apply to both stems and foliage from the time foliage is completely matured until the plants start to go dormant. All leaves, stems and suckers must be completely wet to the ground line for effective control. Regrowth may be anticipated on the more resistant species. Add 8 to 12, 10 oz. water soluble packets of Riverdale Dissolve to 100 gallons of water using 200 to 600 gallons of spray mixture per 43,500 sq. ft. (1 acre) depending upon the height and thickness of the brush. Mix thoroughly before spraying.

STORAGE AND DISPOSAL

STORAGE: Always store pesticides in a secured warehouse or storage building. This product should be stored in a cool, dry location. Do not store near seeds, fertilizers, insecticides or fungicides. Containers should be opened in well-ventilated area. 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.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide spray mixtures or rinsate is a violation of Federal law and may contaminate groundwater. 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: Fiber Canister - Completely empty container into application equipment. Outer plastic bags, cartons, and shipping cases may be offered for recycling or dispose of along with empty canister in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

Riverdale Chemical Company 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. (ERP 102393) (PR933 042194)

NOTE: For water soluble packets the following statement will be used on the front panel -

"Individual Soluble Bags Are Not To Be Offered For Sale"

DISSOLVE™

A Water Soluble Herbicide

KEEP OUT OF REACH OF CHILDREN

DANGER

See Product Label on Carton for
Additional Precautionary Statements
And Statement of Practical Treatment

EPA REG. NO. 228-265 EPA EST. NO. 228-1L-1

RIVERDALE CHEMICAL (Logo)

ACTIVE INGREDIENTS:

Dimethylamine Salt of Dichloro-
phenoxyacetic Acid*
Dimethylamine Salt of 2-(2-Methyl-
4-Chlorophenoxy)propionic Ac
Dimethylamine Salt of 2-(2,4-Dich
phenoxy)propionic Acid*** ..

INERT INGREDIENTS:
TOTAL

Isomer Specific AOAC Method

Equivalent to:

*2,4-Dichlorophenoxyacetic Acid
**2-(2-Methyl-4-Chlorophenoxy)
propionic Acid
***2-(2,4-Dichlorophenoxy)propioni

Exposure to moisture prior to mixing m
soluble bag to rupture.

Individual soluble bags are not to be