



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

EPA Reg. Number:

228-285

Date of Issuance:

30 SEP 1993

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Riverdale CL/DAP W.S.

Name and Address of Registrant (include ZIP Code):

Riverdale Chemical Company
425 West 194th Street
Glenwood, IL 60425-1584

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Submit acceptable acute inhalation, dermal irritation, and dermal sensitization studies performed on the subject product within eight (8) months of the date of this Notice.
3. Make the labeling changes listed below before you release the product for shipment:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 228-285".
 - b. Add a prohibition to the front panel to restrict the sale and use of this product to commercial applicators only.

Signature of Approving Official:

Date:

30 SEP 1993

c. Rewrite the Precautionary Statements to read as follows:

"Corrosive. Causes irreversible eye damage. Causes burns. May be fatal if swallowed, absorbed through skin, or inhaled. Do not get in eyes or on skin or on clothing. Do not inhale dust or spray mists. Wear goggles, face shield, or safety glasses when mixing, loading or applying this product. Wear protective clothing, including long pants, long-sleeved shirt, shoes and rubber gloves. Wear a mask or a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration, and the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse."

d. Rewrite the Statements of Practical Treatment to read as follows:

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

"IF SWALLOWED: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg white, gelatin mixture, or, if these are not available, large quantity of water. Do not give anything by mouth or induce vomiting 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."

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

e. Since this product has no aquatic uses, the phrase "For terrestrial uses..." may be deleted from the second sentence of the Environmental Hazards section.

4. Submit two copies of the revised final printed label for the record.

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

A stamped copy of the label is enclosed for your records.

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

7505C
D. KENNY
9/29/93

RIVERDALE

CL/DAP™ W.S.

FOR SELECTIVE BROADLEAF WEED CONTROL
IN ORNAMENTAL LAWNS AND TURF GRASSES

CONTAINS MCPA, MECOPROP AND DICAMBA

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

ACTIVE INGREDIENTS:*

| | |
|--|---------------|
| 2-Methyl-4-Chlorophenoxyacetic Acid | 50.0% |
| 2-(2-Methyl-4-Chlorophenoxy)Propionic Acid | 20.0% |
| Dicamba (3,6-Dichloro-o-Anisic Acid) | 5.0% |
| INERT INGREDIENTS: | <u>25.0%</u> |
| TOTAL | 100.0% |

*Isomer Specific AOAC Method

CL/DAP - Trademark of Riverdale Chemical Company

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

30 SEP 1993

228-285

KEEP OUT OF REACH OF CHILDREN

DANGER

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

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EPA REG. NO. 228-EIL

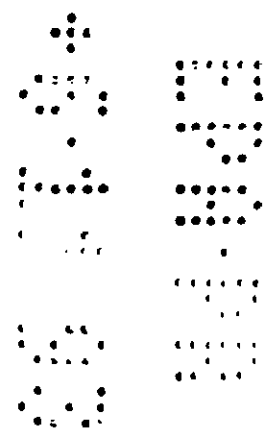
EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

Glenwood, Illinois 60425-1584

Revised A/O 6/10/93



(Left Side Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes irreversible eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear face shield or goggles, long sleeved shirt, shoes and chemical resistant gloves when mixing, loading or applying this product. Harmful if swallowed or inhaled. Avoid inhalation of spray mists. Wash thoroughly 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:** Immediately flush with plenty of water for 15 minutes. Consult a physician immediately.
- IF SWALLOWED:** Drink one or two glasses of water. Induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention immediately.
- IF ON SKIN:** Wash promptly with soap and water and rinse thoroughly. If irritation develops, get medical attention.

ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect 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 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. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

GENERAL INFORMATION

Riverdale CL/DAP™ W.S. herbicide is a stable water soluble mixture of three herbicides.

Just add the recommended water to your spray tank then add the appropriate amount of CL/DAP W.S. into the spray tank, agitate for three to five minutes. It is non-flammable. It is for use on lawns, turf (not pastures), golf courses (fairways, aprons, tees, and roughs), parks, highways, cemeteries, and similar non-crop areas.

Note: Two "heaping" tablespoonfuls equals one ounce of CL/DAP W.S.

USE PRECAUTIONS

CARE MUST BE TAKEN TO AVOID DRIFT OF SPRAY MISTS TO NON-TARGET susceptible plants such as vegetables, flowers, ornamental plants, shrubs, trees, and other desirable plants. Do not allow spray mist to contact these plants. Do not spray on dichondra nor on lawns or turf where desirable clovers are present. Avoid fine mists. Use a lawn type sprayer with coarse spray as wind drift is less likely. Avoid contact with exposed feeder roots of ornamental and trees. Maximum kill of weeds will be obtained from Spring or early Fall application when weeds are actively growing. 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. 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. Failure to observe all precautions may result in injury to turf and/or susceptible plants. CL/DAP 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 CL/DAP™ 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 cross, Honeysuckle, Jimsonweed, Knotweed, Kochia, Lambsquarters, Mallow, Marshelder, Morningglory, Mexican poppy, Minersiettuce, Moneywort, Poison ivy, Poison oak, P-ickly 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 TURFS

Cool Season Grasses - Apply CL/DAP W.S. at the rate of 2 to 2-2/3 lbs. in 20 to 240 gallons of spray solution per acre (3/4 to 1 oz. in 1/2 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 CL/DAP W.S. at the rate of 1-1/3 to 1-2/3 lbs. in 20 to 240 gallons of spray solution per acre (1/2 to 2/3 oz. 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.

STORAGE AND DISPOSAL

STORAGE: Always store pesticides in a secured warehouse or storage building. This product should be store 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.

PRODUCT 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 you 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 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) (PR933 042194)