

PM 23

228-143 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Mr. Russell F. Sawyer
Riverdale Chemical Company
425 West 194th Street
Glenwood, Illinois 60425-1584

FEB - 8 1996

Dear Mr. Sawyer:

SUBJECT: Label Amendment - Revision in Non-WPS Re-entry
Statement
Riverdale MCPA-4 Amine
EPA Registration No. 228-143
Your Submission Dated August 2, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided you make the following changes:

1. Revise the last sentence of the first paragraph under Hazards to Humans and Domestic Animals section to read as follows: "Harmful if swallowed, inhaled or absorbed through skin."
2. Add the following sentence to the dermal statement of practical treatment: "Get medical attention."
3. Add an inhalation statement of practical treatment, as follows:

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention."

A stamped copy is enclosed for your records. Please submit (one) final printed copy of the above mentioned label before releasing the product for shipment.

Sincerely yours,

Susan L. Stanton, for

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

Enclosure

RD:STANTON:PM Team 23:Rm. 235:CM-2:305-5218:Disk #2:S499987.LET

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	S. Stanton							
DATE ▶	Feb 7, 1996							

RIVERDALE
MCPA-4 AMINE

For Selective Postemergent Control of Many Broadleaf Weeds
In Wheat, Oats, Barley, Rye, Rice, Peas, Flax,
Established Grasslands and Non-Crop Areas.

ACTIVE INGREDIENT:

Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid* 48.58%

INERT INGREDIENTS: 51.42%

TOTAL 100.00%

Isomer Specific AOAC Method, Equivalent to:

*2-Methyl-4-Chlorophenoxyacetic Acid 39.67%, 3.7 lbs./gal.

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.

(If you do not understand the label, find someone to
explain it to you in detail.)

See Inside Booklet For Additional Precautionary Statements
And Statement of Practical Treatment

EPA REG. NO. 228-143

NET CONTENTS GALS.

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

ACCEPTED
with COMMENTS
In EPA Letter Dated
FEB - 8 1996

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
228-143

cised when handling MCPA pesticides at such sites to prevent contamination of ground-water 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 label. **READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves, shoes plus socks, and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter treated areas until spray has dried.

GENERAL INFORMATION

MCPA is effective on a large number of broadleaf weeds and is useful for controlling these weeds in certain crops. Several crops, such as flax, rice, oats, and small grains underseeded to legumes, are more tolerant of MCPA than they are of 2,4-D.

Crop varieties vary in response to MCPA, and some may be easily injured. Apply this product only to varieties known to be tolerant to MCPA. Injury to crops may occur from this pesticide. If you are not prepared to accept some degree of crop injury, do not use this product. If you are uncertain concerning tolerant varieties or local use situations that may affect crop tolerance to MCPA, contact your seed company or State Agricultural Extension Service for advice.

NOTE: Adding oil, wetting agent or other surfactant to the spray may reduce selectivity to crops, possibly resulting in crop injury.

EFFECTIVENESS ON WEEDS: Riverdale MCPA-4 Amine is effective on a large number of broadleaf weeds. On mustard, thistle, and white top or hoary cress, it has superiority over 2,4-D. The following are some of the weeds killed: Beggartick, Burcucumber, Burdock, Buttercup, Canada thistle, Carpetweed, Catsear, Cocklebur, Croton, Daisy, Dandelion, Dock, Dragon head mint, Dwarf nettle, Fat hen, Fennel, Field bindweed, Galinsoga, Goatbeard, Goldenrod, Halbertleaved salt bush, Hempnettle, Hoary cress, Honeysuckle, Jimsonweed,

after planting apply 2 to 3 pints of MCPA-4 Amine in 10 to 30 gallons of water per acre for ground equipment and at least 2 to 5 gallons of water per acre for aerial application. Use the higher rate where sedges or bulrushes are the major problem, use the lower rate for control of Arrowhead, Water plantain, and Redstem. Treat when rice is fully tillered and 6 to 8 inches above water, usually 35 to 65 days after planting. Do not treat when rice is in the early seedling, boot or early heading stages, or when air temperature is over 90°F. Some rice varieties may be less tolerant to MCPA than others. Consult your Agricultural Experiment Station or Extension Service Weed Specialists for appropriate rates and timing of MCPA spray and on tolerance of rice varieties.

FLAX - Use 1/4 to 1/2 pint of Riverdale MCPA-4 Amine in 5 to 20 gallons of water per acre by ground equipment and at least 2 to 5 gallons of water per acre by air. Apply only when weeds are up and when flax is 2 to 8 inches high and before it comes into bud stage. Treatment after early bud stage may result in severe damage. If Canada thistle is present it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result.

RANGE AND TIMBER LANDS: For control of Whitebrush - Use 1-1/4 quarts and sufficient water to make 8 gallons of solution per acre. Apply in Spring or Fall under good moisture conditions, full leaf, before blossoms begin to fall.

GRASSES:

Established Lawns, Golf Courses and Similar Turf Grasses - Use 1 to 3 pints per acre in 10 to 120 gallons of water to give thorough coverage. Use higher rate for white top and Canada thistle. On smaller areas use 1 fluid ounce (4 tablespoonfuls) mixed in 1 to 3 gallons of water and apply uniformly over 1,000 square feet. Do not exceed specified application dosages for any area. Avoid applying during excessively dry or hot periods unless irrigation (watering) is used before treatment. For best results, do not apply if rainfall is expected within 48 hours, nor should lawns be irrigated for 48 hours following application. For optimum results, turf should not be mowed for 1 to 2 days before and after application. Reseed no sooner than 3 to 4 weeks after application of this product. Spring and Fall are best times to treat. Do not use on lawns of creeping grasses, such as bent, except for spot spraying, nor on freshly-seeded turf until the grass has become well established, usually after the third mowing.

Established Grassland and Pastures - Use 1 to 3 pints per acre in sufficient water (2 to 120 gallons) in airplane or ground sprayer application and give thorough coverage. Use higher rate for White top, Canada thistle and other hard to-kill weeds; spray perennials in early bud to full bloom stage and regrowth in Fall. Other weeds in Spring or Fall.

Grasses Grown for Seed - Use 1 to 2 pints per acre in 2 to 120 gallons of water by air or ground sprayer application. Use higher rate where weed stands are heavy. In established grasses apply in Spring before head comes into boot stage and on seedling grass after grass has tillered.

NOTE: For weed control in grasses, repeat treatment may be needed for less susceptible weeds. White clover and other legumes may be temporarily injured or killed. In some areas, bent, buffalo, carpet, centipede, dichondra and St. Augustine grasses may also be injured by the treatment.

NON-CROP SPRAYING: Canada thistle, White top and Meadow buttercup - (In Non-Crop Areas such as Roadsides, Fence rows, Rights-of-way and similar places): For spot treatment use 1/4 pint to 3 to 4 gallons of water or 3/4 gallon per acre in 12 to 20 gallons of water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on Fall regrowth.

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 temperature above 32°F. If allowed to freeze, warm to at least 40°F and re-mix before using. Freezing does not alter this product. Containers should be opened