

Reg # 802-374

PM-23

197
file



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

MAR 30 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Molly Hickman
CHAS H. LILLY CO.
7737 N.E. KILLINGSWORTH
PORTLAND, OR 97218

Subject: Label Amendment Submission of 10/12/93 in Response to PR Notice 93-7
EPA Reg. No. 802-374
MILLER'S MCP SODIUM SALT 2

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Candle Ink on paper that
contains at least 50% recycled fiber

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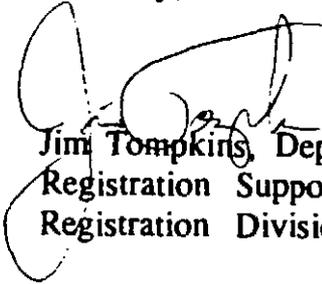
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



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

Attachment

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

DANGER: Corrosive. Causes irreversible eye damage. Do not get in eyes, on skin or clothing. ~~Wear goggles or face shield and rubber gloves when handling.~~ Harmful or fatal if swallowed. Do not breathe spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Do not apply when weather conditions favor drift from target areas. Drift or runoff may adversely affect nontarget plants. Do not apply directly to water except as specified on the label. Do not contaminate water when disposing of equipment washwaters. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA 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.

SHAKE WELL BEFORE USING.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, 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. **CLEANING OF EQUIPMENT:** When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

NOTICE: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given hereon.

THE CHAS. H. LILLY CO.
PORTLAND, OREGON 97218

EPA Est. 802-OR-1 EPA Reg. No. 802-374
57907-4



LILLY/MILLER.

MCP Sodium Salt 2

(2 lbs. MCP acid equivalent per gallon)

ACTIVE INGREDIENT:

2-methyl-4-chlorophenoxyacetic acid, sodium salt 23.2%
INERT INGREDIENTS 76.8%
Equivalent to 21% 2-methyl-4-chlorophenoxyacetic acid

WEED KILLER

For selective control of Broadleaf Weeds in PEAS, FLAX, RICE, OATS, WHEAT, BARLEY, ESTABLISHED PASTURES, TURFS AND OTHER NON-CROP AREAS.

Limited to use by commercial applicators, landscapers, or professional turf maintenance personnel.

**KEEP OUT REACH OF CHILDREN
DANGER—PELIGRO**

PRECAUTIONS: See label for use directions. Do not use on lawns, lawns, or other areas where children or pets play. Do not use on crops or plants that are sensitive to herbicides.

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water. Get medical attention. If swallowed: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if those are not available drink large quantities of water. Avoid alcohol. NOTE TO PHYSICIAN: Possible mucosal damage may contraindicate the use of gastric lavage. See side panel for Additional Precautionary Statements.

NET CONTENTS

GALLON(S)

BEST AVAILABLE COPY

ESTABLISHED GRASSLANDS AND PASTURES

1. Use 2 to 6 pints per acre in sufficient water (10 to 100 gallons) to give thorough coverage. Use higher rate for Canada Thistle and other hard-to-kill weeds.
2. Spray perennials in bud stage and regrowth in fall; other weeds in spring or fall.

NOTE: Alfalfa, Alsike, Red, Crimson, Sub-clovers are injured by MCP.

ESTABLISHED LAWN AND TURFS

1. Use two fluid ounces in 3 to 5 gallons of water, apply uniformly over 1,000 sq. ft. For larger areas, use 2 to 6 pints per acre in 10 to 100 gallons of water.
2. Apply spring or fall when weeds are actively growing. Do not mow within two days before or after application.

NON-CROP SPRAYING—Canada Thistle, White Top, Meadow Buttercup, Field Bindweed (Morning-glory).

1. For spot treatment, use ½ pint in 3 to 4 gallons of water or 1½ gallons per acre in sufficient water to give coverage. Spray to wet weeds thoroughly.
2. Apply when weeds are in bud to early bloom and again on fall regrowth.

NOTE: Do not forage or graze meat or dairy animals on treated areas within 7 days of treatment.

MIXING DIRECTIONS

Mix with water only. Add one-half required amount of water to spray tank, then add specified amount of this product with agitation, finally adding the balance of the water with continued agitation. Apply during warm weather when weeds are growing actively.

APPLICATION DIRECTIONS

Do not apply directly to or otherwise permit sprays to come in contact with vegetables, flowers, grapes, fruit trees, canberries, ornamentals or other desirable plants which are sensitive to MCP and do not permit spray mist to drift onto them, since even minute quantities of the spray may cause severe injury during both growing and dormant periods. Coarse sprays are less likely to drift.

Do not apply by airplane in the vicinity of grapes or other desirable MCP susceptible plants.

Do not contaminate irrigation ditches or water used for domestic purposes. Excessive amounts of MCP in the soil may temporarily inhibit seed germination or plant growth.

At higher temperatures vaporization may cause injury to susceptible plants growing nearby. Keep container tightly closed when not in use.

Do not use spray equipment for any other purpose. Such equipment should not be used for application of insecticides, fungicides, or other agricultural chemicals.

Do not apply MCPA sodium salt with nozzles that produce a fine spray. Do not apply this product through any type of irrigation system.

SPECIFIC DIRECTIONS

RICE—For the control of Water Plantain, Arrowhead Lily, Red Stem and certain susceptible sedges.

1. Use 3 to 5 pints in 10 to 30 gallons of water per acre.
2. Apply 55 to 65 days after planting when Rice is full tillered and 6 to 8 inches above water, or when crop stems begin to elongate. Do not apply after Rice is in boot stage. Do not spray when temperature is over 90° F.

NOTE: Do not use in rice fields where shellfish are of economic importance. Do not grow crayfish or catfish in treated rice fields.

FLAX—For control of Mustard, Lambquarters, and other susceptible weeds.

1. Use 2 to 4 pints per acre in 20 to 70 gallons of water by ground equipment, or 10 gallons of water by air.
2. Apply when crop is 4 to 8 inches tall but before bud stage. 3. Do not forage or graze meat or dairy animals on treated areas within 7 days of slaughter.

WHEAT, OATS and BARLEY—For control of Mustard, Lambquarters, and other susceptible weeds.

1. Use 2 to 4 pints per acre in 5 to 20 gallons of water by ground equipment, or 3 or more gallons water by air. For OATS, use 2 pints per acre. Apply from full tiller to boot stage. Do not spray from boot to dough stages.
2. For less susceptible weeds, use up to 6 pints per acre after crop has tillered and up to early boot stage. The 6 pint per acre application rate can produce injury to wheat.

NOTE: Do not forage or graze meat animals on treated areas within 7 days of slaughter. Do not forage or graze dairy animals on treated areas within 7 days after treatment.

PEAS—For control of Mustard, Lambquarters and other susceptible weeds.

1. Use ½ to 1 pint in 20 to 60 gallons of water per acre. For aerial application use 10 gallons total spray solution per acre. Adjust dosage rates to air temperatures as follows:
Less than 55° F—1 pint per acre
55° F to 70° F—4/5 pint per acre
70° F to 80° F—½ pint per acre.
2. Apply after weeds emerge and before they are 3 inches tall. Do not apply later than the 3 node stage of growth of the peas before blooming period.
3. Do not apply to peas that are stressed from lack of moisture.
4. Do not feed treated vines to livestock. Do not graze or forage treated pea fields.

NOTE: Consult State Extension Service personnel or cannery company fieldmen for proper timing of applications with regard to varietal differences of growth rate.

GRASSES GROWN FOR SEED

1. Use 2 to 4 pints per acre in sufficient water to give adequate coverage. Use higher rate where weed stands are heavy.
2. In established grasses, apply in early spring or in the fall prior to the time seed heads appear in the boot. On new seedling grass, apply after grass has 5 leaves.

NOTE: MCP may injure bentgrass at the higher rates. Do not graze dairy animals in treated areas until 7 days after treatment. Do not graze meat animals in treated areas within 7 days of slaughter.

MC GREGOR

BEST AVAILABLE COPY

ACCEPTED
with COMMENTS
In EPA Letter Dated
MAD
30 1994

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

802-374

LILLY/MILLER MCP SODIUM SALT 2
(2 lbs. MCP acid equivalent per gallon)

ACTIVE INGREDIENT:

2-methyl-4-chlorophenoxyacetic acid, sodium salt 23.2%

INERT INGREDIENTS 76.8%

Equivalent to 21% 2-methyl-4-chlorophenoxyacetic acid

WEED KILLER

For selective control of Broadleaf Weeds in PEAS, FLAX, RICE, OATS,
WHEAT, BARLEY, ESTABLISHED PASTURES, TURFS AND OTHER NON-CROP AREAS.

Limited to use by commercial applicators, landscapers, or professional
turf maintenance personnel.

KEEP OUT 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.)

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water. Get medical attention. If
swallowed: Call a physician or Poison Control Center. Drink promptly a
large quantity of milk, egg whites, 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.

See side panel for Additional Precautionary Statements.

NET CONTENTS GALLON(S)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. Do not get in eyes,
on skin or clothing. Harmful or fatal if swallowed. Do not breathe
spray mist.

Personal Protective Equipment:

Applicators and other handlers must wear: long-sleeved shirt and long
pants, waterproof gloves, shoes plus socks, and protective eyewear.

Engineering controls statements:

When handlers use closed systems, enclosed cabs, or aircraft in a
manner that meets the requirements listed in the Worker Protection
Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the
handler PPE requirements may be reduced or modified as specified in the

WPS.

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User Safety Recommendations

Users should:

- * Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- * Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- * Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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ENVIRONMENTAL HAZARDS

Do not apply when weather conditions favor drift from target areas. 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 mean high water mark. Do not contaminate water when disposing of equipment washwaters. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA 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. Do not apply this product through any type of irrigation system. 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.

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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.

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SHAKE WELL BEFORE USING.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, 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.

CLEANING OF EQUIPMENT: When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

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