

Reg # 62719-58

PM-23

File
199



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Larry E. Hammond
DOWELANCO
9330 Zionsville Road
Indianapolis, IN 46268

Subject: Label Amendment Submission of 07/08/93 in Response to PR Notice 93-7
EPA Reg. No. 62719-58
MCPA NA SALT

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/Candis Ink on paper that
contains at least 50% recycled fiber

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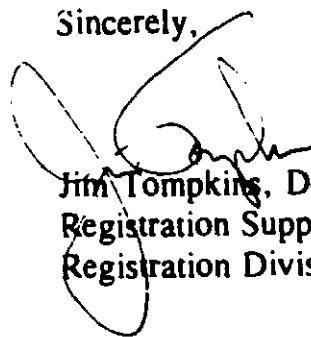
Submit the final printed labeling via the U.S. Postal Service to:

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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Labeling amended to meet the requirements of the Worker Protection Standard (WPS). (Editor's Note: Deleted text indicated by strike-through and added text underlined)

(logo) DowElanco

MCPA Na Salt

For selective control of certain weeds in crops, grassland, turf, and in non-crop areas such as roadsides, fence rows, and rights-of-way.

FOR SALE TO, USE AND STORAGE BY COMMERCIAL AGRICULTURAL, TURF AND LANDSCAPE PERSONNEL ONLY

Active Ingredient:

MCPA: 2-methyl-4-chlorophenoxyacetic acid, sodium salt†	23.7%
Inert Ingredients.....	76.3%
Total.....	100.0%
†Acid equivalent: 21.4% - 2.0 lb per gallon.	

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.)

NOTICE

Read the entire label before using. Use only according to label directions. Before buying or using this product, read "Limited Warranty And Disclaimer" elsewhere on this label.

In case of emergency endangering health or the environment involving this product, call collect 517-636-4000.

Agricultural chemical: Do not ship or store with food, drugs or clothing.

EPA Reg. No. 62719-58

EPA Est. 464-MI-1

DowElanco • Indianapolis, IN 46268

ACCEPTED
with COMMENTS
In EPA Letter Dated

23
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
62719-58

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Precautionary Statements

Hazards to Humans and Domestic Animals

Keep Out of Reach of Children

DANGER PELIGRO:

~~Precaucion Al Usuario: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.~~

~~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.)~~

Causes Eye Damage • Harmful If Swallowed

~~Do not get in eyes. Avoid contact with skin or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.~~

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statements

When handlers use enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protections 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.

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.

First Aid

If in eyes: Flush with plenty of water for at least 15 minutes. Get medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If swallowed: Induce vomiting by giving two glasses of water and sticking finger down throat. Call a physician. Do not induce vomiting or give anything by mouth to an unconscious person.

Environmental Hazards

Drift or run-off may adversely affect nontarget plants. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not apply when weather conditions favor drift from target area, as this product may injure cotton, beans, other vegetables, certain legumes and ornamentals.

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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.

Reentry

~~Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:~~

~~**DANGER.** Area treated with MCPA Na Salt on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure (insert here First Aid statements from the Precautionary Statements section of this label.)~~

~~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 exemptions 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~~
- ~~• Protective eyewear~~

STORAGE AND DISPOSAL

~~Do not contaminate water, food or feed by storage or disposal. Do not use or store near heat or open flame.~~

~~**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..~~

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General Information

General Use Precautions

Do not use MCPA Na Salt with amine salts of 2,4-D

MCPA Na Salt is similar in its general behavior to the 2,4-D compounds. However, research to date indicates that MCPA Na Salt is more selective for some crops under certain conditions

Apply enough spray volume to provide uniform coverage of weeds, usually 5 to 100 gallons per acre by ground equipment and 3 to 10 gallons per acre by aircraft. Higher gallonage can improve coverage and reduce drift. Avoid use of small diameter nozzles.

Mixing and Loading: 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.

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.

Do not apply MCPA sodium Salt with nozzles that produce a fine spray.

Grazing Restrictions: Small Grains, Flax and Sorghum: Do not graze dairy animals on treated areas until seven days after treatment. Do not forage or graze meat animals on treated areas within seven days of slaughter.

Weeds Controlled

Susceptible (Most Areas)

cocklebur	mustards, annual
goatsbeard	rocket, yellow (wintercress)
lambsquarters (goosefoot)	radish, wild
mint, dragonhead	ragweed
peppergrass, field	stinkweed
puncturevine	many others
marshelder	

Less Susceptible

buttercup	shepherd's purse
dandelion	sowthistle, annual
hempnettle	sunflower
kochia	thistle, Canada
nettle stinging	thistle, Russian
nightshade, silverleaf	vetch
pigweed	whiteweed (hoary cress)
purslane	

In Rice - California

arrowhead (non-bulb)	hyssop, water
bulrush, rough-seeded	plantain, water
burhead	redstem

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment station weed specialists for specific recommendation for local weed problems and for information on possible lower dosages.

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Approved Uses

Crop Uses

Agricultural Use Requirements for Crops

~~For the following crop uses, follow PPE and Reentry instructions in the "Agricultural Use Requirements" section of this label.~~

Wheat, Oats, Barley and Rye

Apply as water mix spray by ground sprayer or airplane. Use 1 to 2 pints per acre for the more susceptible weeds after crop has reached the 3 to 4 leaf stage up to boot stage. Use up to 6 pints per acre for the less susceptible weeds after crop has tillered and up to early boot stage.

Small Grains Underseeded with Alfalfa, Birdsfoot trefoil, Lespedeza, Red and White Clover

For emergency control of serious infestations of mustard, yellow rocket, and other susceptible broadleaf weeds, apply 1/2 to 1 pint in not more than 5 to 10 gallons of water per acre. Make application after cereal is well tillered (4 to 8 inches tall) and before reaching boot stage. The nurse crop and weeds should provide a protecting canopy which, together with the use of low gallonage applied at low pressure, will reduce the risk of damage to the legumes. Do not apply to small grains underseeded with vetch or sweet clover, which are very susceptible. There is also some risk to other legumes if only thinly protected by a canopy.

Grain Sorghum

MCPA Na Salt used in grain sorghum will control weeds such as pigweed, lambsquarters, shepherd's purse, purslane and narrowleaf goosefoot.

Apply when sorghum is 6 to 12 inches tall but before the boot stage of development. Use 3 pints in 10 to 20 gallons of water per acre. For best results, apply before weeds reach a height of 5 inches or branches of weeds exceed a length of 5 inches. Avoid cultivation after treatment while sorghum is brittle.

Hybrids vary in tolerance to MCPA. Hybrids of Wheatland parentage may be particularly susceptible. Spray only varieties known to be tolerant. Consult seed company or your Agricultural Experiment Station or Extension Service Weed Specialist for guidance.

Rice

MCPA Na Salt can be used to replace 2,4-D in the weed spraying programs. Follow state and local spraying regulations and recommendations. Observe the same precautions against drift onto cotton and other susceptible crops as for 2,4-D spraying. Treated effluent waters may be harmful to fish and other aquatic life.

In California - Apply 3 to 5 pints per acre in sufficient water (10 to 30 gallons) to give coverage. Use lower rate where arrowhead, water plantain, and redstem are the only weeds. Use the 5 pint rate where sedge, nutgrass, and bulrush are also present. Make application only when weeds are present and where rice is well established, 6 to 8 inches above water; no sooner than 35 and no later than 65 days after seeding or when crop stems begin to elongate. Water should not be less than 2 to 3 inches deep at shallowest point. Do not spray when temperature is over 90°F. Do not grow crayfish or catfish in treated rice fields.

Flax

Where 2 to 3 ounces of MCPA acid equivalent per acre is recommended for susceptible weeds, use 1/2 to 1 pint MCPA Na Salt per acre in at least 15 to 20 gallons of water. Apply when all weeds have emerged and flax has at least 3 to 4 leaves, or is 3 to 4 inches tall, and before flax comes into bud. Treatment after early bud stage may result in severe damage. For moderately resistant weeds, spot spraying with a heavier rate may be necessary. Use 1 1/4 to 1 1/2 pints per acre to prevent seed production by Canada Thistle. Do not spray flax underseeded with legumes without first consulting local weed specialist.

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Peas

Apply 1/2 to 1 1/2 pints of MCPA Na Salt in 20 to 60 gallons of water per acre. For aerial application use 10 gallons total spray solution per acre. Spray annual weeds soon after they emerge and before they are 3 inches tall. Do not apply later than 3 nodes before first pea flowering. Do not spray peas that are stressed from lack of moisture. Do not use MCPA Na Salt when temperature is over 90°F. Before using, consult State Extension Service or cannery company field men for varietal differences to these recommendations.

Grasses Grown For Seed

Use 2 to 4 pints per acre. Use higher rate where weed stands are heavy. In established grasses apply in spring before head comes into boot and on seedling grass after grass has tillered.

Note: In 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, dichondra, bent, buffalo, carpet, and St. Augustine grasses may also be injured by the treatment.

Rangeland, Pasture, Ornamental Turf and Non-crop Uses

Use Requirements for Rangeland, Pasture, Ornamental Turf and Non-cropland Areas:
No Worker Protection Standard worker entry restrictions or worker notification requirements apply when this product is applied to rangeland, pasture, ornamental turf or non-cropland areas.

Established Grasslands and Pastures

Use 2 to 6 pints per acre in sufficient water (10 to 100 gallons) to give thorough coverage. Use higher rate for whitetop, Canada thistle, and other less easy-to-kill weeds. Spray perennials in early-bud to full bloom stage and regrowth in fall. Spray other weeds in spring or fall.

Established Lawns and Turf**(Excluding Sod Farms and Grasses Grown for Seed)**

Use 2 fluid ounces in 3 to 5 gallons of water; apply uniformly over 1,000 sq. ft. On larger areas use 2 to 6 pints per acre in 10 to 100 gallons of water. Apply spring or fall for best results. Do not mow within 2 days before or after application.

Non-Crop Spraying

Canada thistle, whitetop, meadow buttercup, field bindweed (morningglory), and Texas blueweed: For spot treatment use 1/2 pint in 3 to 4 gallons of water, or 1 1/2 gallons of MCPA Na Salt per acre. Spray to wet weeds thoroughly when in bud to early bloom and again in fall regrowth. Add 1 quart of wetting agent to each 100 gallons of spray solution use for high volume ground application. Do not forage or graze livestock on treated areas within seven days of treatment.

Limited Warranty And Disclaimer

The manufacturer warrants that this product conforms to the chemical description on the label; that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and that the directions, warnings and other statements on this label are based upon responsible expert's evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

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NOTICE TO BUYER

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final printed labeling prepared 11/20/92

Amendments:

- 1) Added labels statements required by the Worker Protections Standard (PR Notice 93-7).

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