

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
42545-45

DATE OF ISSUANCE
OCT 23 1985

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

TERM OF ISSUANCE
Conditional
NAME OF PESTICIDE PRODUCT
MCPA Sodium Salt

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Gilmore, Inc.
5501 Murray Road
Memphis, TN 38119-3703

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 42545-45."
 - b. For the statement of practical treatment for eye contact, revise the sentence to read - Get medical attention.
 - c. Under the PRECAUTIONARY STATEMENTS, add the subheading - HAZARD TO HUMANS AND DOMESTIC ANIMALS. Under this subheading, revise the sentence to read - Do not breathe vapors or spray mist.
 - d. Under the ENVIRONMENTAL HAZARDS, change the first sentence to read - Do not apply directly to water except as recommended under rice directions.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE
OCT 23 1985

We suggest that you also use the grazing restriction carried under noncrop sites for grasslands and pasture.

The product specific chemistry data submitted are considered adequate for this formulation. As discussed with you on October 17, and indicated in our letters of August 16, following up on issuance of the MCPA Registration Standard, it is essential that you submit appropriate product chemistry for your MCPA manufacturing-use products to support continued registration of those pesticides.

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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.

Richard P. Mountfort *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosure



MC

SODIUM

PRECAUTIONARY STATEMENTS

WARNING

Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid inhaling vapor or spray mist. 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.

ENVIRONMENTAL HAZARDS

Do not apply directly to water *except as recommended under rice directions*
Do not apply when weather conditions favor drift from target area
Spray equipment used in applying this product should be thoroughly cleaned before using for any other purposes. Use repeated flushing with soap and warm water or suitable chemical cleaner. It is best to use a separate sprayer for application of insecticides and fungicides.
Do not contaminate water by cleaning of equipment or disposal of wastes
This product will kill or seriously injure many desirable forms of vegetation. Do not apply directly to flowers, fruits, vegetables, grapes, ornamentals, cotton or other desirable plants. Do not use when there is hazard from drifting mists. (Coarse sprays are less likely to drift.) Vapors from this product may injure susceptible plants in the immediate vicinity.
Avoid contamination of water used for domestic purposes and irrigation purposes. Excessive amounts of this product in the soil may temporarily inhibit seed germination and plant growth.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried. Protective clothing means at least a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.
Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

STORAGE
Store in a dry location away from children, animals, foods, feeds, seeds and other agricultural chemicals. Keep container closed when not using. Do not allow water into container as this may cause deterioration of product. Handle in accordance with information given under "Precautionary Statements".
Keep storage area locked when not in use.
In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust or other absorbent material. Scrape up and dispose of in accordance with information given under "Pesticide Disposal". Repackage and relabel useable product in a sound container.

DISPOSAL

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

METAL CONTAINERS - 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.

PLASTIC CONTAINERS - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACTIVE INGREDIENT: Sodium Salt of 2-Methyl-4-Chlorophenoxy acetic acid isomer specific or not less than 1.8%
INERT INGREDIENTS: TOTAL

*Equivalent to 20.06% of 2-methyl-4-chlorophenoxy acetic acid isomer specific by A.O.A.C. Method

KEEP OUT OF REACH

WARNING

STATEMENT OF PRACTICE

IF SWALLOWED: Call a physician or poison control center and induce vomiting by touching back of throat with your finger. Do not induce vomiting if the person is unconscious or if anything by mouth to an unconscious person.
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Flush with plenty of water. Get medical attention.

SEE LEFT SIDE PANEL FOR ADDITIONAL INFORMATION

EPA Reg. No. 42545-

MANUFACTURED BY

Gilmore, Inc.


5501 Murray Road - Memphis, TN

Phone (901) 761-5870 - Telex 980000

Cable: Gilmore M

NET CONTENTS: _____ GAL

PRECAUCION AL USUARIO: SIUSTE
ESTE PRODUCTO HASTA QUE LA
EXPLICADA AMPLIAMENTE



MCPA SODIUM SALT

2-Methyl-4-Chlorophenoxyacetic Acid*	22.25%
Sodium Salt	77.75%
TOTAL	100.00%

* of 2-methyl-4-chlorophenoxy acetic acid
if less than 1.86 pounds of 2-methyl-4-chlorophenoxy acetic acid isomer specific per gallon at 68 F.
O.A.C. Method

KEEP OUT OF REACH OF CHILDREN
WARNING - AVISO

FOR PRACTICAL TREATMENT
In case of emergency, call your poison control center. Drink 1 or 2 glasses of water and gargle with 1/2 tsp. of baking soda in 1/2 cup of water. Do not induce vomiting or give laxatives to anyone who has swallowed this product. If irritation persists, get medical attention. If irritation persists, get medical attention. If irritation persists, get medical attention.

FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Est. No. 42545-MO-1

MANUFACTURED BY:
Gilmore, Inc.
P.O. Box 1000
Memphis, TN, U.S.A. 38119-3703
Tel: 901-687-5870 - Telex 533349 / 6828022
Cable: Gilmore Memphis

 GALLONS LITERS

AVISO: SI USTED NO LEE INGLES. NO USE HASTA QUE LA ETIQUETA LE HAYA SIDO LEIDA.

General Information

Sodium Salt of MCPA is a very slow acting systemic herbicide. This property allows the chemical to translocate into the root system before the tops are killed. Other chemicals do not kill this slowly. This results in effective control without sterilizing the soil. MCPA is recommended to control certain weeds in small grains (underseeded and not underseeded with mixed legumes), rice, peas, seed flax, grasslands and pastures, lawns and turf, grasses grown for seed and non-crop areas.

This product is recommended to control the following as well as many other noxious plants susceptible to MCPA

Note: Local conditions, crop varieties and application regulations vary and may affect use of this herbicide. Consult local agricultural experiment station or extension service weed specialists and state regulatory agencies for recommendations in your area

Note: When stored at temperatures below freezing, it may be necessary to warm contents to 45°F and mix thoroughly before using

Susceptible Weeds:

- | | |
|--------------------|----------------|
| Cocklebur | • Sunclurevine |
| Dragonhead | Purslane |
| Goatsbeard | Ragweed |
| Kochia | Shepherdspurse |
| Lambsquarters | Sinkweed |
| Marshelder | Wild radish |
| Mini | Wintercress |
| Pepperweed (fried) | Yellow rocket |
- Less Susceptible Weeds:**
- | | |
|-----------------|-------------------------|
| Arrowhead | Russian thistle |
| Bulrush | Sedge |
| Burhead | • Silverleaf nightshade |
| Buttercup | Sowthistle |
| Canada thistle | Stinging nettle |
| Dandelion | Sunflower |
| Hempnettle | Vetch |
| Pigweed | Waterhyssop |
| Plantain | Waterplantain |
| Redstem | Whiteweed (hoary cress) |
| Russian pigweed | |

RECOMMENDATIONS FOR USE

PREPARATION OF THE SPRAY: For aerial application use 5 to 10 gallons of water per acre. For ground application use a conventional low pressure, low volume sprayer that delivers 5 to 40 gallons of water per acre, except when otherwise directed under specific crops.

When diluting, the material must be mixed thoroughly before using. If the material is allowed to stand for any length of time after dilution, it should be stirred again before using.

RICE: MCPA can be used to replace 2,4-D in 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. Apply 3 to 5 pints per acre in sufficient water (10-30 gallons) to give coverage. Use lower rate where arrowhead, waterplantain and redstem are the only weeds. Use the 5 pint rate where sedge and bulrush are also present. Make application only where 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 after rice is in boot stage or when temperatures are over 90°F. Do not grow crayfish or catfish in treated rice fields.

PEAS - Apply 1/2 to 1 1/2 pints 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 when temperature is over 90°F. Before using, consult State Extension Service or cannery company field men for varietal differences to these recommendations

SMALL GRAINS: Wheat, Oats, Barley and Rye - Apply as a water mix spray by ground sprayer or airplane. Use 1/2 to 1 pint per acre for the more susceptible weeds after crop has reached the 3 to 4 leaf stage up to boot stage. Use up to 3 pints per acre for the less susceptible weeds after crop has tillered and up to early boot stage. Do not forage or graze meat animals on treated areas within seven days of slaughter.

WHEAT and BARLEY - Apply 6 pints per acre when weeds are approaching bud stage, but do not spray grain in the boot to dough stage. The 6 pint (1.5 pounds acid equivalent) per acre application of any MCPA product can produce injury to wheat and barley. Balance the severity of your weed problem against the possibility of crop damage. Where perennial weeds are scattered, spot treatment is suggested to minimize the extent of crop injury. Treat in the spring when grain is fully tillered and 8 to 10 inches tall

SMALL GRAINS: Underseeded with Alfalfa, 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 gattage 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

SEED FLAX - Where 2 to 3 ounces of MCPA acid equivalent per acre is recommended for susceptible weeds, use 1/2 to 1 pint MCPA SODIUM SALT per acre in at least 15 to 20 gallons of water. Apply when all weeds are up 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 1/2 to 1 3/4 pints per acre to prevent seed production by Canada Thistle. Do not spray flax underseeded with legumes without first consulting local weed specialists. Do not forage or graze meat animals on treated areas within seven days of slaughter.

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 White Top, Canada Thistle and other less easy-to-kill weeds; spray perennials in early bud to full bloom stage and regrowth in fall. Other weeds in spring or fall.

ESTABLISHED LAWNS AND TURF - 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 in spring or fall for best results. Do not mow within 2 days before or after application.

GRASSES GROWN FOR SEED - Use 2 to 4 pints per acre in sufficient water to give adequate coverage. 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.

NON-CROP SPRAYING: Canada Thistle, White Top, Meadow Buttercup, Field Bindweed (Morning-glory) - For spot treatment on fence rows, rights-of-way, equipment yards and similar areas use 1/2 pint to 3 to 4 gallons of water, or 1 1/2 gallons of MCPA Sodium Salt per acre in sufficient water to give coverage, and spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth. Do not forage or graze meat animals on treated areas within seven days of slaughter.

CONDITION OF SALE, WARRANTY, LIMITATION OF LIABILITY

This product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with directions under normal use conditions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture 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. In no case shall the seller be liable for consequential, special, or indirect damages such as loss of profits or values resulting from the use or handling of this product

corrected label
Aug. 14, 1985
Coy