

15440-38

9/30/2008

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:
15440-38

Date of Issuance:
SEP 30 2008

NOTICE OF PESTICIDE:
 _ Registration
x Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:
Sodium MCPB Herbicide

Name and Address of Registrant (include ZIP Code):
 Nufarm, Inc.
 150 Harvester Drive, Suite 200
 Burr Ridge, Illinois 60527

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 reregistered in accordance with FIFRA section 4(g)(2)(C) provided you:

1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
2. Per the acute toxicity review, change the signal word from "Caution" to "Danger Peligro".
3. Per the acute toxicity review, revise the Hazards to Humans and Domestic Animals statement to read:

 "Corrosive. Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing vapor or spray mist.
4. To the Personal Protective Equipment (PPE) section add: "Wear protective eyewear (goggles or face shield)."

Signature of Approving Official:

Joanne I. Miller
 Product Manager 23
 Herbicide Branch
 Registration Division (7505P)

Joanne I. Miller

Date:

SEP 30 2008

5. Per the acute toxicity review, the following should be added below the First Aid Statements:

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

6. Per the RED reword PPE for mixers, loaders, handlers.

7. Per the MCPB RED label table, the text in **bold type** below must be added to the User Safety Requirements:

“...If no such instructions for washables **exist**, use detergent and hot water...”

1) Per the RED remove the second paragraph of the Environmental Hazards statement.

2) Per the RED add the word ‘any’ prior to ‘waterproof’ for Early Re-Entry PPE.

3) Per the RED add spray drift language for the aerial application instructions.

4) Per product chemistry review, move the statement “Do not contaminate water, food, or feed by storage or disposal” to directly beneath the Storage and Disposal heading.

5) Per the product chemistry review, take off the Physical and Chemical Hazards title & statements.

8. The label must contain the following guidance:

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

9. The label should contain information which addresses the primary eye irritation Toxicity Category I. The following statements are some suggested types of information that could be included, if applicable, in the Note to Physician:

- technical information on symptomatology;
- use of supportive treatments to maintain life functions;
- medicine that will counteract the specific physiological effects of the pesticide;
- company telephone number to specific medical personnel who can provide specialized medical advice.

A stamped copy of your labeling is enclosed for your records. Submit one copy of the revised final printed label for the record before you release the product for shipment. 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.

rec'd 11/10/01 3/5

A H MARKS

SODIUM MCPB HERBICIDE

Active Ingredient:

Sodium salt of 4-(2-methyl-4-chlorophenoxy) butyric acid* 23.5%*

Inert Ingredients 76.5%

100.0%

*4-(2-Methyl-4-chlorophenoxy)butyric acid equivalent 21.4% by weight or 2 pounds per gallon.

EPA Reg. No. 15440-38

EPA Est. No. 15440-GBR-1

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See Inside for Additional Precautionary Statements

Manufactured by:
A.H. Marks and Company Ltd.
Wyke Bradford
West Yorkshire
England BD129EJ UK

NET CONTENTS 1, 5 or 30 GALLONS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling.

FIRST AID

If in Eyes

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

If Swallowed

- Call a poison control center or doctor immediately for treatment advice
- Have person sip a glass of water if able to swallow
- Do not induce vomiting unless told to do so by a poison control center or doctor
- Do not give anything by mouth to an unconscious person.

If Inhaled

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.
- Call a poison control center or doctor for further treatment advice.

If on Skin or Clothing

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

Note to Physician

- Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear long-sleeved shirt and long pants, chemical resistant gloves such as barrier laminate or Viton, and shoes plus socks. 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 Control 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.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
SEP 30 2008**

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

15440-38

USER SAFETY RECOMMENDATIONS

- Users should wash hands with plenty of soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if product gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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.

ENVIRONMENTAL HAZARDS

Avoid spray draft as this product may injure susceptible crops and plants such as cotton, beans, grapes, tomatoes, and ornamentals. (Coarse sprays are less likely to drift.) Do not use same spray equipment for other purposes unless thoroughly cleaned prior to use. Do not apply this product through any type of irrigation system.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

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.

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 requirement specific to your State or Tribe, consult the agency responsible for pesticide regulations.

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 intervals. 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 12 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

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is coveralls, chemical resistant gloves made of waterproof material, and shoes plus socks.

STORAGE AND DISPOSAL

STORAGE: Store in original container in a dry secured storage area. Keep container tightly closed when not in use. Protect from freezing. If allowed to freeze, hold in warm temperature for several days and remix before using.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: 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. Do not use this product for purposes other than those recommended on the label.

GENERAL INFORMATION

Sodium MCPB Herbicide provides post-emergence control of Canada thistle growing in field peas. Left uncontrolled, Canada thistle can reduce yields of peas and reduce quality of the harvested crop because thistle flower buds are difficult to remove from peas after harvest.

MIXING AND HANDLING

Fill the spray tank one-half to two-thirds full with clean water. Begin agitation. Then add the recommended amount of **Sodium MCPB Herbicide** according to the size of weeds, size of tank and area to be covered. See chart below. Continue agitation while spraying. For ground applications, use 20 to 40 gallons of water per acre. For better coverage, use the higher volume when weeds are larger. To minimize drift, use a maximum spray pressure of 40 PSI. For aerial applications, use 10 gallons of water per acre.

TREATMENT CONSIDERATIONS

Peas may be treated between shoot emergence until grown to about three leaf nodes prior to flowering. Often pea plants will have six to twelve nodes during the period when Canada thistle and other weeds are most effectively controlled.

Do not apply **Sodium MCPB Herbicide** to later three nodes before pea flower buds appear as crop injury may result in reduced yields.

Most pea varieties tolerate sprays of **Sodium MCPB Herbicide**. Some temporary twisting of stems may be seen after application on less tolerant varieties. Prior to treatment, consult with your state extension weed specialist or local county agents.

RECOMMENDED AMOUNTS SODIUM MCPB HERBICIDE PER ACRE:

Most effective control is obtained by treating when weeds are small, actively growing and moisture is adequate. Use the higher rates in the range on larger weeds or when growing conditions are drier than normal.

1. Common annual weeds such as lambsquarters, pigweed, smartweed, morning glory, sowthistle.

- 2 TO 3 PINTS When weeds have 2 to 3 leaves and a maximum height of 3 inches.
- 3 TO 4 PINTS When weeds have 3 to 4 leaves and a maximum height of 4 inches.
- 4 TO 6 PINTS When weeds have 4 to 5 leaves and a maximum height of 4 inches.

2. Canada Thistle

- 3 TO 4 PINTS When thistle is 4 to 10 inches high
- 4 TO 6 PINTS When thistle is larger, but before bud stage

3. Other broadleaf weeds such as ragweeds, shepherds purse, henbit, jimsonweed, radish, sunflower, prickly sida

Can be controlled with a combination of two to three pints **Sodium MCPB Herbicide** and one to two pints of Basagran Herbicide per acre. Consult your local weed authority regarding the preferred rates to use on types of weeds present.

RESTRICTIONS AND PRECAUTIONS

- Do not spray peas growing under moisture stress.
- Do not spray peas when air temperatures exceed 90°F.
- Do not spray weeds later than 3 nodes before peas flower, or after pea flowers are seen.
- Do not apply more **Sodium MCPB Herbicide** than is recommended on this label.
- Do not feed treated peas or pea vines to livestock.

LIMITATION OF LIABILITY

All goods supplied by us are of high grade and we believe them to be suitable for all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods as described.

Notice To Buyer

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

Sodium MCPB Herbicide is a product of:
 A.H. Marks and Company Ltd.
 Wyke Bradford
 West Yorkshire
 England BD129EJ UK

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