


(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460 <b>Application for Pesticide:</b>	<input type="checkbox"/> Registration	OPP Identifier Number <b>185707</b>
		<input type="checkbox"/> Amendment	
		<input checked="" type="checkbox"/> Other	

## Section I

1. Company/Product Number <b>42750-24</b>	2. EPA Product Manager <b>Joanne I. Miller</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>MCPA Sodium Salt</b>	PM# <b>23</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>Albaugh, Inc. 1517 N. Ankeny Blvd. Ankeny, Iowa 50021</b> <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____	

## Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification in response to PR Notice 93-3 revising wetlands statement.


**BEST AVAILABLE COPY**

**NOTIFICATION  
LABEL NOT REVIEWED  
PER PR NOTICE 93-3  
DATE: 7/1/93**

## Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted.	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product		
6. Manner in Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other (_____)	

## Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name <b>Alice Walker, Ph.D.</b>	Title <b>Regulatory Consultant</b>	Telephone No. (Include Area Code) <b>601-562-5995</b>
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title <b>Regulatory Consultant</b>	
4. Typed Name <b>Alice Walker, Ph.D.</b>	5. Date <b>June 1, 1993</b>	

ALBAUGH, INC.

**MCPA SODIUM SALT**

**ACTIVE INGREDIENT:**

Sodium Salt of 2-Methyl-4-Chlorophenoxyacetic acid\* .....22.25%

**INERT INGREDIENTS:**.....77.75%

**TOTAL**.....100.00%

\* Equivalent to 20.06% of 2-methyl-4-chlorophenoxyacetic acid isomer specific or not less than 1.86 pounds of 2-methyl-4-chlorophenoxy acetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER - PELIGRO**

**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or poison control center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Flush with plenty of water for at least 30 minutes. Get medical attention.

**SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

EPA Reg. No. 42750-24

EPA Est. No. 42545-MO-1

**Manufactured by:**

**ALBAUGH, INC.  
1517 N. Ankeny Blvd.  
Ankeny, Iowa 50021**

**FOR CHEMICAL SPILL, LEAK, FIRE, OR EXPOSURE  
CALL CHEMTREC (800) 424-9300**

**NET CONTENTS \_\_\_\_\_ GALLONS \_\_\_\_\_ LITERS**

**NOTIFICATION  
LABEL NOT REVIEWED  
PER PR NOTICE 88-6**

**DATE** 7/1/93

## PRECAUTIONARY STATEMENTS

### DANGER

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**Corrosive. Causes eye damage. Wear goggles, face shield or safety glasses. Causes skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Do not breathe vapors 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. Mixers/loaders or applicators are required to use face shields or goggles.**

#### ENVIRONMENTAL HAZARDS

**Drift or run-off 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. 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.**

**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 a 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.**

**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 as such sites to prevent contamination or 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.**

#### PHYSICAL OR CHEMICAL HAZARDS

**Do not use, pour spill or store near heat or open flame.**

## DIRECTIONS FOR USE

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

## REENTRY 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 reentry 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.

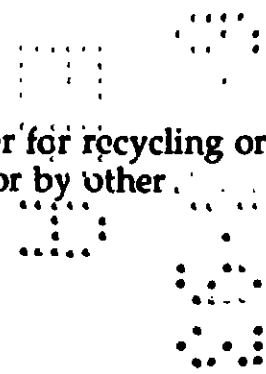
In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust or other absorbent material. Scrape up and dispose of in accordance with information given under "Pesticide Disposal". Repackage and relabel usable product in a sound container.

### 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

**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.

**CONDITION OF SALE, WARRANTY, LIMITATION OF LIABILITY**

This product conforms to the chemical description on the label thereof and is a reasonable 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 herewith. 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.

**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 with mixed legumes), rice, peas, seed flax, grasslands and pastures, lawns and turf, grasses grown for seed and non-crop areas. Do not forage or graze meat animals on treated areas within seven days of slaughter.

Do not apply this product through any type of irrigation system.

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

**SUSCEPTIBLE WEEDS**

- |               |                    |                |
|---------------|--------------------|----------------|
| Cocklebur     | Mint               | Shepherdspurse |
| Dragonhead    | Pepperweed (field) | Stinkweed      |
| Goatsbeard    | Puncturevine       | Wild radish    |
| Lambsquarters | Purslane           | Wintercress    |
| Marshelder    | Ragweed            | Yellow rocket  |

**LESS SUSCEPTIBLE WEEDS**

- |                |                 |                 |
|----------------|-----------------|-----------------|
| Arrowhead      | Pigweed         | Sowthistle      |
| Bulrush        | Plantain        | Stinging nettle |
| Burhead        | Redstem         | Sunflower       |
| Buttercup      | Russian pigweed | Vetch           |
| Canada thistle | Russian thistle | Waterhyssop     |
| Dandelion      | Sedge           | Waterplantain   |

Hempnettle  
Kochia

Silverleaf  
nightshade

Whitetop  
(hoary cress)

**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.

### 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. Do not apply MCPA sodium salt with nozzles that produce a fine spray. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

**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 not 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 7 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 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.

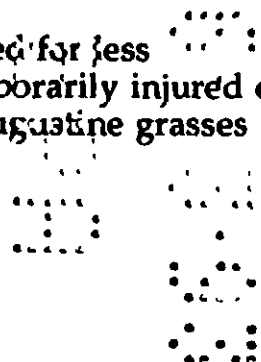
**SEED FLAX** - Where 2 to 3 ounces of MCPA acid equivalent per acre is recommended for susceptible weeds, use 1/2 to 1 pint MCPA SODIUM SALT per acre in at least 15 to 20 gallons of water. Apply when all weeds are up and flax has at least 3 to 4 leaves, or is 3 to 4 inches tall, and before flax comes 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 1-1/4 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 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 - 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 (Morningglory) - 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.**

