EPA Reg. No. 42750-23
Vol. 1

DATA AND LABEL SUBMISSION STATUS

RD: 2/11/85

TABLE C

STATUS AS OF: 10/25/85

PRODUCT SPECIFIC DATA REQUIREMENTS FOR END-USE PRODUCTS CONTAINING MCPA Sodium Salt

EPA Reg. No. 42545-45 FORMULATOR'S EXEMPTION ___ Yes ✓ No EFFECTIVE DATE OF EXEMPTION ___

REQUIREMENT	"X" IF REQ'D	DATE DUE	DATE RECEIVED	METHOD OF COMPLIANCE	RESULTS OF REVIEW	AGENCY RESPONSE DATE	ACCESSION/GS NUMBER	MRID NUMBER
90 Day Item 3(c)(2)(B) Summary Sheet	X	10/23/85	10/23/85	SD	S	10/23/85		
6 Month Items								
EPA Form 8570-1	X							
EPA Form 8570-11	X							
Confidential Statement of Formula	X							
3(c)(1)(D) Data Compensation	X							
Product Specific Data Report	X							
Product Labeling	X							
158.120 Product Chemistry								
61-1 - Product Identity & Disclosure of Ingredients	X							
61-2 - Description of Beginning Materials & Mfg. Process								
61-3 - Discussion of Formation of Impurities								
62-1 - Preliminary Analysis								
62-2 - Certification of Limits								
62-3 - Analytical Methods to Verify Certified Limit	X							
63-2 - Color	X							
63-3 - Physical State								
63-4 - Odor	X							
63-5 - Melting Point								
63-6 - Boiling Point								
63-7 - Density, Bulk Density, or Specific Gravity	X							
63-8 - Solubility	X							
63-9 - Vapor Pressure	X							
63-10 - Dissociation Constant								
63-11 - Octanol/Water Partition Coef.	X	✓	✓	✓	✓	✓		

DATA AND LABEL SUBMISSION STATUS

III-C

RD: 2/11/85

TABLE C

STATUS AS OF: 10/25/85

PRODUCT SPECIFIC DATA REQUIREMENTS FOR END-USE PRODUCTS CONTAINING MCPA, Sodium Salt

EPA Reg. No. 42545-45

REQUIREMENT	"X" IF REQ'D	DATE DUE	DATE RECEIVED	METHOD OF COMPLIANCE	RESULTS OF REVIEW	AGENCY RESPONSE DATE	ACCESSION/GS NUMBER	MRID NUMBER
158.120 Product Chemistry (continued)								
63-12 - pH	X	10/23/85	10/23/85	SD	S	10/23/85		
63-13 - Stability	X							
63-14 Oxidizing or Reducing Action								
63-15 Flammability - Flashpoint	X							
63-15 Flammability -Flame Extension								
63-16 Explodability	X							
63-17 Storage Stability	X							
63-18 Viscosity	X							
63-19 Miscibility	X							
63-20 Corrosion Characteristics	X							
63-21 Dielectric Breakdown Voltage								
64-1 Submittal of Samples								

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

APR 19 2004

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Morris Gaskins
Albaugh, Inc.
1910 Exeter Road, Suite 1
Germantown, TN 38138

Dear Mr. Gaskins:

Subject: Revised Basic Formula and Alternate Formula
MCPA Ester 4
EPA Registration No. 42750-23
Your Submission Dated March 2, 2004

The subject revised basic formula and alternate formula # 1 are acceptable and has been included in the files for this product. They supersede all previously accepted ones.

If you have any questions concerning this letter, please contact Mr. James Stone at 703-305-7391.

Sincerely yours,

/S/

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

DATE: 25/MAR/2004

SUBJECT: PRODUCT CHEMISTRY REVIEW OF TGAI/MP [ ] EP [X]
DP BARCODE No.: D299678 REG. No.: 42750-23
PRODUCT NAME: MCPA Ester 4
COMPANY: Albaugh Incorporation
PCC: 030564; Decision No.: 340123; FOOD USE [X]
INTEGRATED FORMULATION: Yes [] NO [X]

FROM: Shyam B. Mathur,
Product Chemistry Team Leader
Technical Review Branch/RD (7505C)

S Bruater 3/25/04

TO: Joanne Miller / James Stone, RM 23
Herbicide Branch/RD(7505C)

INTRODUCTION

The registrant has submitted revised basic and alternate CSF's #1 (all dated 03/02/04). The proposed formulas reflect the use of different [redacted] and different sources for the technical active ingredient. The TRB has been asked to review the submitted CSF's for basic & alternate formulations.

SUMMARY OF FINDINGS

1. The subject end use product contains [redacted] (for basic) or Reg. No. 15540-9, 97.5% (for alternate #1)] as the active ingredient with the product label claim of 69.7%.

2. All the food use inert ingredients present in the CSF's for basic & alternate formulations are cleared by the Agency and are exempted from tolerance requirements for food use.

3. The CSF's for basic and alternate formulations Alt #1 (all dated 3-02-04) are filled out correctly and completely. The nominal concentration of the active ingredient concurs with the product label claim nominal concentration. The CSF's are in compliance with PR Notice 91-2.

CONCLUSIONS

The TRB has reviewed the CSF's for basic formulation and alternate formulations (all dated 03-02-04) and has concluded that:

The CSF's for basic and alternate formulations #1 are acceptable.

Product ingredient source information may be entitled to confidential treatment
Inert ingredient information may be entitled to confidential treatment

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

March 3, 2004

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MORRIS GASKINS
ALBAUGH, INC
ALBAUGH INC
1910 EXETER, SUITE 1
GERMANTOWN, TN 38138-

PRODUCT NAME: MCPA ESTER 4
COMPANY NAME: ALBAUGH INC
EPA FILE SYMBOL: 42750-23
EPA RECEIPT DATE: 03/02/04

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Registration Division, Risk Management Team 23, at (703) 305-6224.

Sincerely,

Front End Processing Staff
Information Services Branch
Information Resources and Services Division

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

EPA

United States
Environmental Protection Agency
Washington, DC 20460

- [ ] Registration
- [x] Amendment
- [ ] Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
42750-23	J. Miller	[x] None [ ] Restricted
4. Company/Product (Name)	**PM#**	
MCPA Ester 4	23	

5. Name and Address of Applicant *(Include ZIP Code)*

Albaugh, Inc.
1910 Exeter Road Suite 1
Germantown, TN 38138

[ ] *Check if this is a new address*

6. Expedited Reveiw. 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

- [ ] Amendment - Explain below.
- [ ] Resubmission in response to Agency letter dated _____
- [ ] Notification - Explain below.
- [ ] Final printed labels in repsonse to Agency letter dated _____
- [ ] "Me Too" Application.
- [ ] Other - Explain below.

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

Revised basic and alternate CSF

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes	[ ] Yes	[ ] Yes	[ ] Metal
[x] No	[x] No	[x] No	[x] Plastic
* *Certification must be submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	[ ] Glass
			[ ] Paper
			[ ] Other (Specify) _____

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
[x] Label [ ] Container	2.5, 30, bulk	[ ]

6. Manner in Which Label is Affixed to Product

- [ ] Lithograph
- [x] Paper glued
- [ ] Stenciled
- [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Morris Gaskins	Registrations Manager	901-309-8122

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 knowlingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature	3. Title	6. Date Application Received
Morris Gaskins	Registrations Manager	(Stamped)
4. Typed Name	**5. Date**	
Morris Gaskins	3/2/04	

CORPORATE OFFICE
121 NE 18th Street
Ankeny, IA 50021
515.964.9444 (Phone)
800.247.8013 (Toll Free)
515.964.7813 (Fax)

ALBAUGH, INC.

MEMPHIS OFFICE
1910 Exerter Road, Ste. 1
Memphis, TN 38138-2971
901.309.8122 (Phone)
301.309.8532 (Fax)

FEDERAL EXPRESS

March 2, 2004

Ms. Joanne Miller (PM 23)
Document Processing Desk (AMEND)
Registrations Division
Office of Pesticide Programs (7504C)
Crystal Mall 2, Room 266A
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

RE: MCPA Ester 4
EPA Reg. No. 42750-23

Dear Ms. Miller

The enclosed submission is revised basic and alternate formulas for the above referenced registration. These proposed formulas are to allow use of different [redacted] The following documents are being submitted to support this amendment:

Application form (8570-1)
Basic CSF (2 copies)
Alt #1 CSF (2 copies)
MSDSs for proposed [redacted]

Please call if you have any questions.

Regards,

Morris Gaskins
Registrations Manager
Albaugh, Inc.
901-309-8122

Inert ingredient information may be entitled to confidential treatment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 3 2003

Michael Kellogg
Pyxis Regulatory Consulting
11324 17th Ave. Ct. NW
Gig Harbor, WA 98332

Dear Mr. Kellogg:

SUBJECT: Label Amendment
MCPA Ester 4
EPA Registration No. 42750-23
Your Application Dated January 28, 2003

The label amendment referred to above, submitted in accordance with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit one (1) copy of your final printed labeling before you release the product for shipment. This amended labeling supersedes all previously accepted ones.

Sincerely yours,

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

Enclosure

	7505C							
	Morgan							
	4/3/03							

ALBAUGH, INC.

MCPA ESTER 4

HERBICIDE FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:
2-ethylhexyl ester of 2-methyl-4-chlorophenoxyacetic acid* 69.7%
OTHER INGREDIENTS†: 30.3%
TOTAL 100.0%

*Equivalent to 44.7% of 2-methyl-4-chlorophenoxyacetic acid isomer specific of not less than 3.7 pounds of 2-methyl-4-chlorophenoxyacetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.
†Contains petroleum distillates.

EPA Reg. No. 42750-23 EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If swallowed:	• Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give **any** liquid to the person. • 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 by 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information. ~~NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.~~	
NOTE TO PHYSICIAN	
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

See inside booklet for additional Precautionary Statements ~~on side panel~~.

Manufactured By:
Albaugh, Inc.
Ankeny, Iowa 50021

NET CONTENTS
_____ Gals.
_____ Liters

ACCEPTED
APR 3 2003
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 42750-23

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

PRECAUTIONARY STATEMENTS

~~CAUTION~~

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category E on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves Category E, such as barrier laminate > 14 mils, nitrile rubber > 14 mils, neoprene rubber > 14 mils, or viton > 14 mils, shoes plus socks, and protective eyewear.

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.

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.

ENVIRONMENTAL HAZARDS

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 cleaning equipment or 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 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 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.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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.

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 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 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 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, is: long-sleeved shirt and long pants, chemical-resistant gloves Category E, such as barrier laminate > 14 mils, nitrile rubber > 14 mils, neoprene rubber > 14 mils, or viton > 14 mils, shoes plus socks, and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter treated areas without protective clothing until sprays have dried.

STORAGE AND DISPOSAL

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

PESTICIDE 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. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

~~**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.

GENERAL INFORMATION

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station Weed Specialists for specific recommendations for local weed problems and for information on possible lower dosages. 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 herewith. Do not apply this product through any type of irrigation system.

CONTROLS THESE AND OTHER WEEDS

SUSCEPTIBLE (MOST AREAS):

Annual sowthistle
Beggarticks
Cocklebur
Dragonhead mint
Field peppergrass
Goatsbeard
Hempnettle
Lambsquarters (goosefoot)
Marshelder
Mustards (annual)
Poison hemlock
Puncturevine
Ragweed
Shepherdspurse
Stinkweed (pennycress, fanweed)
Wild radish
Yellow rocket or wintercress

LESS SUSCEPTIBLE:

Buttercups
Canada thistle
Chervil
Dandelions
Kochia
Miner's lettuce
Perennial sow
Plantains
Purslane
Russian pigweed
Stinging nettle
Sunflower
Vetch
White top or hoary cress

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of MCPA Ester 4 and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. 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 Ester 4 by aerial application in the vicinity of sugar beets. Do not apply MCPA Ester 4 around houses, recreation sites, or similar areas.

AMOUNT OF SPRAY TO APPLY

Apply 5 to 15 gallons of total spray per acre when making applications with ground equipment and 2 to 5 gallons of total spray per acre when making applications by aircraft unless directed otherwise under specific directions. Carefully read the Environmental Hazards section of the Precautionary Statements for further information on spray volume.

AERIAL SPRAY DRIFT MANAGEMENT

Spray Drift Management

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator is responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

1. The distance of the outer most nozzles on the boom must not exceed ¾ the length of the wingspan or rotor.

2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

Where states have more stringent regulations, they should be observed.

The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory.

Aerial Drift Reduction Advisory

[This section is advisory in nature and does not supersede the mandatory label requirements.]

Information on Droplet Size

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (See Wind, Temperature and Humidity, and Temperature Inversions).

Controlling Droplet Size

- Volume – Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- Pressure – Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- Number of nozzles – Use the minimum number of nozzles that provide uniform coverage.
- Nozzle Orientation – Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- Nozzle Type – Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

Boom Length

For some use patterns, reducing the effective boom length to less than ¾ of the wingspan or rotor length may further reduce drift without reducing swath width.

Application Height

Applications should not be made at a height greater than 10 feet above the top of the target plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

Swath Adjustment

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, smaller drops, etc.)

Wind

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

Temperature and Humidity

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

Sensitive Areas

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

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 spray from boot to dough stage. 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.

FLAX: Use 1/4 to 1/2 pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result. 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.

GRASSES

ESTABLISHED GRASSLAND: Use 1 to 3 pints per acre. Apply by ground sprayer in not less than 5 gallons or by airplane in not less than two gallons total spray volume. Use higher rate for White Top, Canada thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. 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.

GRASSES GROWN FOR SEED: (aerial and surface applications): Use 1 to 2 pints per acre, the 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**: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES: Canada thistle, White Top and Meadow Buttercup - For spot treatment, use 1/4 pint in 3 to 4 gallons of water, or 3/4 gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

~~**Before buying or using this product,** read "Conditions of Sale and Warranty" below. If terms are not acceptable, return **unopened** package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Conditions of Sale and Warranty.~~

CONDITIONS OF SALE AND WARRANTY

The DIRECTIONS FOR USE of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended

consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of ALBAUGH, INC., its Supplemental Distributors, or the Seller. All such risks shall be assumed by the Buyer.

ALBAUGH, INC., its Supplemental Distributors and the Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. NEITHER ALBAUGH, INC. NOR ITS SUPPLEMENTAL DISTRIBUTORS MAKE ANY OTHER ~~ALBAUGH, INC. MAKES NO OTHER~~ **EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. 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~~.

BUYER'S EXCLUSIVE REMEDY AND THE EXCLUSIVE LIABILITY OF ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTORS AND THE SELLER ~~**MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY**~~ **FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE O~~F~~R HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED.** When Buyer suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), Buyer must promptly notify Seller in writing of any claims to be eligible to receive either remedy stated above. **IN NO CASE SHALL ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTORS, OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** ALBAUGH, INC., its Supplemental Distributors, and the Seller offer this product, and the Buyer accepts it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of ALBAUGH, INC. No employee or agent of ALBAUGH, INC., its Supplemental Distributor, or the Seller is authorized to vary or exceed the terms of this Warranty in any other manner.

A *Please read instructions on reverse before completing form.* Form Approved. OMB No. 2070-0060. Approval expires 2-28-95 B

EPA

United States
Environmental Protection Agency
Washington, DC 20460

- [ ] Registration
- [x] Amendment
- [ ] Other

OPP Identifier Number: 299825

Application for Pesticide - Section I

1. Company/Product Number: 42750-23	2. EPA Product Manager: J. Miller	3. Proposed Classification: [x] None [ ] Restricted
4. Company/Product (Name): Albaugh, Inc. / MCPA Ester 4	PM#: 23	
5. Name and Address of Applicant *(Include ZIP Code)*: Albaugh, Inc. c/o Pyxis Regulatory Consulting, Inc. 11324 17th Ave. Ct. NW Gig Harbor, WA 98332 [ ] *Check if this is a new address*	6. **Expedited Reveiw.** 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

- [x] Amendment - Explain below.
- [ ] Resubmission in response to Agency letter dated _____
- [ ] Notification - Explain below.
- [ ] Final printed labels in repsonse to Agency letter dated _____
- [ ] "Me Too" Application.
- [ ] Other - Explain below.

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

Submission of amended labeling updating First Aid and Precautionary Statements, updating the Warranty section and other changes for MCPA Ester 4 (EPA Reg. No. 42750-23).

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____
Certification must be submitted	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
[ ] Label [ ] Container		[ ] On Label [ ] On Labeling accompanying product

6. Manner in Which Label is Affixed to Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Michael Kellogg	Agent	253-853-7369

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 knowlingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature: Michael Kellogg	3. Title: Agent
4. Typed Name: Michael Kellogg	5. Date: 1/28/03

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

EPA

United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☐ Other

OPP Identifier Number
299825

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification ☐ None ☐ Restricted
4. Company/Product (Name)	PM#	
5. Name and Address of Applicant *(Include ZIP Code)* ☐ *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

☐ Amendment - Explain below.
☐ Resubmission in response to Agency letter dated _____
☐ Notification - Explain below.
☐ Final printed labels in response to Agency letter dated _____
☐ "Me Too" Application.
☐ Other - Explain below.

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

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
☐ Yes* ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Metal ☐ Plastic ☐ Glass ☐ Paper ☐ Other (Specify) _____
* *Certification must be submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information ☐ Label ☐ Container	4. Size(s) Retail Container	5. Location of Label Directions ☐ On Label ☐ On Labeling accompanying product

6. Manner in Which Label is Affixed to Product ☐ Lithograph ☐ Paper glued ☐ Stenciled ☐ Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)

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
4. Typed Name	5. Date

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, and use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.
Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.
Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

1. Company/Product Number - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. EPA Product Manager - If known, fill in the name and PM number of the EPA Product Manager.
3. Proposed Classification - Specify the proposed classification of this product.
4. Product Name - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. Name and Address of Applicant - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. Expedited Review - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. Type of Packaging - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. Type of Retail Container - Indicate type of container in which product will be marketed.
3. Location of Net Contents - Indicate the location of the net contents information for your product.
4. Size(s) of Retail Container - Specify the net contents of all retail containers for your product.
5. Location of Use Directions - Indicate the location of the use directions for your product.
6. Manner in which label is affixed to product - Indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

EPA

United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☐ Other

OPP Identifier Number
299825

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification ☐ None ☐ Restricted
4. Company/Product (Name)	PM#	
5. Name and Address of Applicant *(Include ZIP Code)* ☐ *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

☐ Amendment - Explain below.
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☐ Notification - Explain below.
☐ Final printed labels in response to Agency letter dated _____
☐ "Me Too" Application.
☐ Other - Explain below.

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

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
☐ Yes* ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Metal ☐ Plastic ☐ Glass ☐ Paper ☐ Other (Specify) _____
* *Certification must be submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information ☐ Label ☐ Container	4. Size(s) Retail Container	5. Location of Label Directions ☐ On Label ☐ On Labeling accompanying product

6. Manner in Which Label is Affixed to Product ☐ Lithograph ☐ Paper glued ☐ Stenciled ☐ Other _____

Section - IV

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Name	Title	Telephone No. (Include Area Code)

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.

2. Signature	3. Title	6. Date Application Received (Stamped)
4. Typed Name	5. Date	

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6. Authorization letter where applicable;
7. Matrices where applicable.

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2. EPA Product Manager - If known, fill in the name and PM number of the EPA Product Manager.
3. Proposed Classification - Specify the proposed classification of this product.
4. Product Name - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. Name and Address of Applicant - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
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1. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

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3. Location of Net Contents - Indicate the location of the net contents information for your product.
4. Size(s) of Retail Container - Specify the net contents of all retail containers for your product.
5. Location of Use Directions - Indicate the location of the use directions for your product.
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SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

A B

PYXIS REGULATORY CONSULTING, INC.

11324 17th Ave. Ct. NW
Gig Harbor, WA 98332

Phone: 253-853-7369
Fax: 253-853-5516
www.PyxisRC.com

January 28, 2003

COURIER DELIVERY

Joanne Miller (PM23)
Document Processing Desk (AMEND)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

RE: Albaugh, Inc. – MCPA Ester 4 (EPA Reg. No. 42750-23)
Submission of amended label

Dear Ms. Miller,

On behalf of Albaugh, Inc., we are submitting amended labeling for MCPA Ester 4 (EPA Reg. No. 42750-23) that includes the following changes:

- Updated First Aid language per PRN 2001-1.
- Revised the sentence appearing under the First Aid section to read, "See inside booklet for additional Precautionary Statements".
- Moved the signal word CAUTION from under the PRECAUTIONARY STATEMENTS heading to under the heading HAZARDS TO HUMANS AND DOMESTIC ANIMALS per the Label Review Manual.
- Added precautionary statements for consistency with the Label Review Manual based on toxicity category and exposure route.
- Revised PPE and early-entry glove language to add "≥ 14 mils".
- Revised the Storage and Disposal headings for consistency with the Label Review Manual.
- Added aerial spray drift management language.
- Revised the Conditions of Sale and Warranty section.

In support of this amendment, we submit the following documents:

1. Completed Application for Amendment (EPA Form 8570-1)
2. Five (5) copies of the proposed MCPA Ester 4 label with changes tracked
3. One (1) copy of the proposed MCPA Ester 4 label with changes incorporated
4. Letter of Authorization

We trust that you will find this amendment complete. However, please do not hesitate to contact me if you have any questions or need any additional information.

Sincerely,

Michael Kellogg

Enclosures

cc: Stuart Feldstein; Brown, Winick, Graves, Gross, Baskerville & Schoenebaum, PLC

Office
121 NE 18th Street
Ankeny, IA 50021
Phone: 515-964-9444
Toll Free: 800-247-8013
Fax: 515-964-7813
www.albaughinc.com

Albaugh, Inc.

Plant
4900 Packers Ave.
St. Joseph, MO 64504
Phone: 816-238-3377
Toll Free: 800-252-2844
Fax: 816-238-3938

September 5, 2001

Ms. Joanne Miller (PM 23)
U.S. Environmental Protection Agency
Office of Pesticide Programs
Registration Division (7505C)
Ariel Rios Building
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

RE: Letter of Authorization

Dear Ms. Miller:

Please let this letter serve to confirm that Pyxis Regulatory Consulting and its representatives Janelle Kay and Mike Kellogg are authorized to represent Albaugh, Inc., company number 42750, before the U.S. Environmental Protection Agency and state governmental agencies in all matters regarding our pesticide registrations pursuant to the Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA"), 7 U.S.C. § 136 et seq. and state law.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Jim Kahnk
Operations Manager

cc: Janelle Kay

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

02/05/2003

MICHAEL KELLOGG
PYXIS REGULATORY CONSULTING
11324 17TH AVENUE COURT NW
GIG HARBOR WA 98332

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

PRODUCT NAME: MCPA ESTER 4
COMPANY NAME: PYXIS REGULATORY CONSULTING
OPP IDENTIFICATION NUMBER: 299825
EPA REGISTRATION NUMBER: 42750-23
EPA RECEIPT DATE: 02/03/2003

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application qualifies for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability.

If you have any questions, please contact Joanne Miller, Product Manager 23, at (703)-305-6224.

Sincerely,

J. Wrice

Front End Processing Staff
Information Services Branch
Program Management and Support Division

Recycled/Recyclable • Printed with Vegetable Oil Based Inks on Process Chlorine Free Recycled Paper (Minimum 80% Postconsumer content)

206134

Form Approved. OMB No. 2070-0044.
Approval expires 2-29-92.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDE PROGRAMS (TS - 767)
WASHINGTON, DC 20460

EPA NOTICE OF SUPPLEMENTAL REGISTRATION OF DISTRIBUTOR

(Please read instructions before completing)

EPA REGISTRATION NO. OF PRODUCT	DISTRIBUTOR COMPANY NUMBER
4 42545-44 4/2750-23	42750 0

NAME AND ADDRESS OF BASIC REGISTRANT *(print or type; include ZIP code)*

Agrolinz, Inc.
1669 Kirby Parkway, Suite 100
Memphis, TN 38120

NAME OF REGISTERED PRODUCT *(basic product name accepted by EPA)*

MCPA Ester 4

DISTRIBUTOR PRODUCT NAME

MCPA ESTER 4

NAME AND ADDRESS OF DISTRIBUTOR *(print or type; include ZIP code)*

Albaugh, Inc.
728 S.E. Creekview Drive
Ankeny, IA 50021

DISTRIBUTOR

We intend to market under the Distributor Product Name and Number specified above, subject to the conditions specified on this form.

SIGNATURE AND TITLE OF DISTRIBUTOR	DATE
Greg Muehall Mgr.	1-29-92

REGISTRANT

It is requested that the Registration Record of this jacket include the Distributor Product specified above, subject to the conditions specified on this form.

SIGNATURE AND TITLE OF REGISTRANT	DATE
J. R. Fisher, Director Regulatory Affairs	2-3-92

JRF 2-3-92

INSTRUCTIONS

After a registrant has obtained final registration for the basic product, the registrant may then supplementally register and distribute his/her product. One form must be submitted for each distributor brand and must be signed by the distributor involved. The form must state the basic registration number and the distributor company number.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting a Distributor Notification to the Agency.

Notification forms must be submitted by the basic registrant. They must have the concurrence and signature of both the registrant and the distributor.

When submitting several forms for the same basic product, submitting them together will facilitate processing.

NOTE: DO NOT submit distributor product labels.

CONDITIONS

1. The distributor product must have the same composition as the basic registered product.
2. The distributor brand product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so no other changes are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic registered product, followed by a hyphen and the distributor's company number.
6. Distributor products must bear the name and address of the distributor qualified by such terms as "packed for . . .," "distributed by . . .,"; or "sold by . . ." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor brand products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

RECEIVED BY EPA REGISTRATION DIVISION ON THE DATE STAMPED BELOW

2.11.92

EPA Form 8570-5 (Rev. 4-83) Previous editions are obsolete.

APPLICANT — Send only original to EPA — Retain copies

Please Read All Instructions Before Completing this Form *(Form must be typed)* Form Approved. OMB No. 2070-0044. Approval Expires 8-31-97

41-a-5-1

240438

United States
Environmental Protection Agency
Office of Pesticide Programs (7505C)
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationery, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product	Distributor Company Number
42750-23 2	3 1381

Note: Do not submit distributor product labels

Name of Registered Product *(basic product name accepted by EPA)*	Distributor Product Name
Albaugh MCPA Ester 4	CLASS MCPE Phenoxy Herbicide

Name and Address of Distributor *(Type; include ZIP code)*

Cenex/Land O'Lakes Agronomy Co.
P.O. Box 536
Hampton, IA 50441

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...","distributed by..."; or "sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor: Gene R. Currie
Gene R. Currie, Regulatory Affairs Manager

Date: May 6, 1998

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant: Alice Walker
Alice Walker, Regulatory Consultant

Date: May 5, 1998

EPA Form 8570-5 (Rev. 8-94) Previous editions are obsolete.

5.12.98

White - EPA

★ U.S. GPO: 1995-386-820/20418

Paperwork Reduction Act Notice

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to Chief, Information Policy Branch, 2136, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."

Please Read All Instructions Before Completing this Form *(Form must be typed)* Form Approved. OMB No. 2070-0044. Approval Expires 1-31-95

41-AG-1 225182

United States
Environmental Protection Agency
Office of Pesticide Programs (7505C)
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationery, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product	Distributor Company Number
0 42750-23 2	3 38167

Note: Do not submit distributor product labels

Name of Registered Product *(basic product name accepted by EPA)*	Distributor Product Name
Albaugh MCPA Ester 4	SETRE MCPA ESTER 4

Name and Address of Distributor *(Type; include ZIP code)*

SETRE CHEMICAL COMPANY
6075 POPLAR AVENUE, SUITE 500
MEMPHIS, TN 38119

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...","distributed by..."; or "sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor: Judy Oldham, MGR., REGISTRATION SERVICES

Date: FEB. 7, 1995

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant: Dennis Albaugh Dennis Albaugh, President

Date: 2-1-95

EPA Form 8570-5 (Rev. 8-94) Previous editions are obsolete. 2.15.95 White - EPA

Paperwork Reduction Act Notice

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to Chief, Information Policy Branch, 2136, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."

223045

Form Approved. OMB No. 2070-0044.
Approval expires 3-31-89.

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDE PROGRAMS (TS - 767)
WASHINGTON, DC 20460

EPA NOTICE OF SUPPLEMENTAL REGISTRATION OF DISTRIBUTOR

(Please read instructions before completing)

EPA REGISTRATION NO. OF PRODUCT	DISTRIBUTOR COMPANY NUMBER
42750-23	68119

NAME AND ADDRESS OF BASIC REGISTRANT *(print or type; include ZIP code)*

17-a-5-1

Albaugh Inc.
1517 N. Ankney Blvd.
Suite A
Ankeny, Iowa 50021

NAME OF REGISTERED PRODUCT *(basic product name accepted by EPA)*

MCPA Ester 4

DISTRIBUTOR PRODUCT NAME

MCPA Ester 4-pound

NAME AND ADDRESS OF DISTRIBUTOR *(print or type; include ZIP code)*

Wilfarm
P.O. Box 7305
Dept. 20
Kansas City, Missouri
64116-0005

DISTRIBUTOR

We intend to market under the Distributor Product Name and Number specified above, subject to the conditions specified on this form.

SIGNATURE AND TITLE OF DISTRIBUTOR	DATE
Timothy R. Stock Operations Manager	7/28/94

REGISTRANT

It is requested that the Registration Record of this jacket include the Distributor Product specified above, subject to the conditions specified on this form.

SIGNATURE AND TITLE OF REGISTRANT	DATE
Greg Mulhall Gen Mgr.	7-28-94

INSTRUCTIONS

After a registrant has obtained final registration for the basic product, the registrant may then supplementally register and distribute his/her product. One form must be submitted for each distributor brand and must be signed by the distributor involved. The form must state the basic registration number and the distributor company number.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting a Distributor Notification to the Agency.

Notification forms must be submitted by the basic registrant. They must have the concurrence and signature of both the registrant and the distributor.

When submitting several forms for the same basic product, submitting them together will facilitate processing.

NOTE: DO NOT submit distributor product labels.

CONDITIONS

1. The distributor product must have the same composition as the basic registered product.
2. The distributor brand product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so no other changes are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic registered product, followed by a hyphen and the distributor's company number.
6. Distributor products must bear the name and address of the distributor qualified by such terms as "packed for . . .," "distributed by . . .," or "sold by . . ." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor brand products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

RECEIVED BY EPA REGISTRATION DIVISION ON THE DATE STAMPED BELOW

8-16-94

EPA Form 8570-5 (Rev. 4-83) Previous editions are obsolete.

APPLICANT — Send only original to EPA — Retain copies

219534

Form Approved. OMB No. 2070-0044.
Approval expires 3-31-89.

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDE PROGRAMS (TS-767)
WASHINGTON, DC 20460

EPA NOTICE OF SUPPLEMENTAL REGISTRATION OF DISTRIBUTOR

(Please read instructions before completing)

EPA REGISTRATION NO. OF PRODUCT	DISTRIBUTOR COMPANY NUMBER
0 42750-23 2	5 2935

NAME AND ADDRESS OF BASIC REGISTRANT *(print or type; include ZIP code)*

17 M/5/1

Albaugh Inc.
1517 N. Ankeny Blvd.
Suite A
Ankeny, IA 50021

NAME OF REGISTERED PRODUCT *(basic product name accepted by EPA)*

MCPA ESTER 4

DISTRIBUTOR PRODUCT NAME

MCPA ESTER 4

NAME AND ADDRESS OF DISTRIBUTOR *(print or type; include ZIP code)*

Wilbur-Ellis Company
191 Shaw Ave.
Suite 107
fresno, CA 93704-2876

DISTRIBUTOR

We intend to market under the Distributor Product Name and Number specified above, subject to the conditions specified on this form.

SIGNATURE AND TITLE OF DISTRIBUTOR	DATE
Joanne [illegible] REGISTRATION AND LABELING SPECIALIST	11-24-93

REGISTRANT

It is requested that the Registration Record of this jacket include the Distributor Product specified above, subject to the conditions specified on this form.

SIGNATURE AND TITLE OF REGISTRANT	DATE
Greg Mulhall General Manager	11-16-93

INSTRUCTIONS

After a registrant has obtained final registration for the basic product, the registrant may then supplementally register and distribute his/her product. One form must be submitted for each distributor brand and must be signed by the distributor involved. The form must state the basic registration number and the distributor company number.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting a Distributor Notification to the Agency.

Notification forms must be submitted by the basic registrant. They must have the concurrence and signature of both the registrant and the distributor.

When submitting several forms for the same basic product, submitting them together will facilitate processing.

NOTE: DO NOT submit distributor product labels.

CONDITIONS

1. The distributor product must have the same composition as the basic registered product.
2. The distributor brand product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so no other changes are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic registered product, followed by a hyphen and the distributor's company number.
6. Distributor products must bear the name and address of the distributor qualified by such terms as "packed for . . .," "distributed by . . ."; or "sold by . . ." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor brand products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

RECEIVED BY EPA REGISTRATION DIVISION ON THE DATE STAMPED BELOW

12·30·93

EPA Form 8570-5 (Rev. 4-83) Previous editions are obsolete.

APPLICANT — Send only original to EPA — Retain copies

CO 219863

Please Read All Instructions Before Completing this Form *(Form must be typed)* Form Approved. OMB No. 2070-0044. Approval Expires 1-31-95

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
401 M Street SW
Washington, DC 20460

EPA

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product	Distributor Company Number
0 42750-23 2 17A/5/1	5 2935

Note: Do not submit distributor product labels

Name of Registered Product *(basic product name accepted by EPA)*	Distributor Product Name
MCPA Ester 4	MCPA Ester

Name and Address of Distributor *(Type; include ZIP code)*

WILBUR-ELLIS Company
191 W. Shaw Avenue Suite 107
Fresno, CA 93704

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
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6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...,"distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor: Joanne Strelich
Registration and Labeling Specialist

Date: 1/13/94

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant: Greg Mulhall
General Manager

Date: 1-17-94

EPA Form 8570-5 (Rev. 2-92) Previous editions are obsolete.

1·31·94

Paperwork Reduction Act Notice

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to chief, Information Policy Branch, PM 223, U.S. Environmental Protection Agnecy, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Alice Walker, Ph.D.
Agent for Albaugh, Inc.
Albaugh, Inc.
121 N.E. 18th St.
Ankeny, Iowa 50021

OCT 23 2000

Dear Dr. Walker:

Subject: MCPA Ester 4
EPA Registration No. 42750-23
Application Dated September 26, 2000 and Letter Dated August 25, 2000 Request To Revise First Aid Statements in Compliance with EPA PR Notice 2003, and To Revise Disclaimer Statements; and a Letter Dated October 23, 2000 from Albaugh, Inc. Designating You as an "Authorized Agent" Under Section 152.50(b)(3) of the Code of Federal Regulations

The proposed lapeling claims described in your letter have been reviewed and found acceptable as amendments to the registraion of the subject pesticide product under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, provided that you:

1. Add the following statements just prior to the "Conditions of Sale and Warranty" section:

   o Read the limitations described in the following Conditions of Sale and Warranty section before using this product. If the terms are not acceptable return this product within 30 days, unopened, and the purchase price will be refunded.

   These statements or similar statements should be added to accommodate limitations of remedies described in the "Conditions of Sale and Warranty" section; and to comply with the U.C.C. Code section 2-719, copy enclosed.

2. Submit one (1) copy of the final printed label prior to your shipment of the subject pesticide product under the enclosed stamped label.

If these conditions are not complied with, this registration

will be subject to cancellation in accordance with FIFRA, section 6(e). Your release for shipment of this product under the subject labeling constitutes acceptance of these conditions.

A stamped copy of the proposed label is enclosed for your records.

Sincerely yours,

Eugene M. Wilson

for Joanne I. Miller
Product Managr (23)
Herbicide Branch
Registration Division (7505C)

Enclosure (2)

Your Warranty Statements should comply to this code.

§ 2-316. Exclusion or Modification of Warranties.

(1) Words or conduct relevant to the creation of an express warranty and words or conduct tending to negate or limit warranty shall be construed wherever reasonable as consistent with each other; but subject to the provisions of this Article on parol or extrinsic evidence (Section 2-202) negation or limitation is inoperative to the extent that such construction is unreasonable.

(2) Subject to subsection (3), to exclude or modify the implied warranty of merchantability or any part of it the language must mention merchantability and in case of a writing must be conspicuous, and to exclude or modify any implied warranty of fitness the exclusion must be by a writing and conspicuous. Language to exclude all implied warranties of fitness is sufficient if it states, for example, that "There are no warranties which extend beyond the description on the face hereof."

(3) Notwithstanding subsection (2)

- (a) unless the circumstances indicate otherwise, all implied warranties are excluded by expressions like "as is", "with all faults" or other language which in common understanding calls the buyer's attention to the exclusion of warranties and makes plain that there is no implied warranty; and
- (b) when the buyer before entering into the contract has examined the goods or the sample or model as fully as he desired or has refused to examine the goods there is no implied warranty with regard to defects which an examination ought in the circumstances to have revealed to him; and
- (c) an implied warranty can also be excluded or modified by course of dealing or course of performance or usage of trade.

(4) Remedies for breach of warranty can be limited in accordance with the provisions of this Article on liquidation or limitation of damages and on contractual modification of remedy (Sections 2-718 and 2-719).

§ 2-719. Contractual Modification or Limitation of Remedy.

(1) Subject to the provisions of subsections (2) and (3) of this section and of the preceding section on liquidation and limitation of damages,

- (a) the agreement may provide for remedies in addition to or in substitution for those provided in this Article and may limit or alter the measure of damages recoverable under this Article, as by limiting the buyer's remedies to return of the goods and repayment of the price or to repair and replacement of non-conforming goods or parts; and
- (b) resort to a remedy as provided is optional unless the remedy is expressly agreed to be exclusive, in which case it is the sole remedy.

(2) Where circumstances cause an exclusive or limited remedy to fail of its essential purpose, remedy may be had as provided in this Act.

(3) Consequential damages may be limited or excluded unless the limitation or exclusion is unconscionable. Limitation of consequential damages for injury to the person in the case of consumer goods is prima facie unconscionable but limitation of damages where the loss is commercial is not.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 23 2000

Alice Walker, Ph.D.
Agent for Albaugh, Inc.
Albaugh, Inc.
121 N.E. 18th St.
Ankeny, Iowa 50021

Dear Dr. Walker:

Subject: MCPA Ester 4
EPA Registration No. 42750-23
Application Dated September 26, 2000 and Letter Dated August 25, 2000 Request To Revise First Aid Statements in Compliance with EPA PR Notice 2003, and To Revise Disclaimer Statements; and a Letter Dated October 23, 2000 from Albaugh, Inc. Designating You as an "Authorized Agent" Under Section 152.50(b)(3) of the Code of Federal Regulations

The proposed labeling claims described in your letter have been reviewed and found acceptable as amendments to the registraion of the subject pesticide product under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, provided that you:

1. Add the following statements just prior to the "Conditions of Sale and Warranty" section:

   o Read the limitations described in the following Conditions of Sale and Warranty section before using this product. If the terms are not acceptable return this product within 30 days, unopened, and the purchase price will be refunded.

   These statements or similar statements should be added to accommodate limitations of remedies described in the "Conditions of Sale and Warranty" section; and to comply with the U.C.C. Code section 2-719, copy enclosed.

2. Submit one (1) copy of the final printed label prior to your shipment of the subject pesticide product under the enclosed stamped envelope.

CONCURRENCES

SYMBOL	If these conditions are not complied with, this registration						
SURNAME							
DATE							

EPA Form 1320-1 (12-70) OFFICIAL FILE COPY

*U.S. GPO : 1985-467-853

will be subject to cancellation in accordance with FIFRA, section 6(e). Your release for shipment of this product under the subject labeling constitutes acceptance of these conditions.

A stamped copy of the proposed label is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Product Managr (23)
Herbicide Branch
Registration Division (7505C)

Enclosure (2)

E.Wilson:Diskette; 2,4-D: 10-24-00

CONCURRENCES								
SYMBOL								
SURNAME								
DATE								

*U.S. GPO : 1985-467-853

ALBAUGH

MCPA ESTER 4

HERBICIDE FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:
2-ethylhexyl ester of 2-methyl-4-chlorophenoxyacetic acid*.....69.7%
OTHER INGREDIENTS†:.....30.3%
TOTAL.....100.0%

*Equivalent to 44.7% of 2-methyl-4-chlorophenoxyacetic acid isomer specific of not less than 3.7 pounds of 2-methyl-4-chlorophenoxyacetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.
†Contains petroleum distillates.

EPA Reg. No. 42750-23 EPA Est. No. 42750-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If swallowed	• Immediately call a poison control center or doctor. • Do not give any liquid to the person. • Do not induce vomiting unless told to do so by the 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **NOTE TO PHYSICIAN:** Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

See additional Precautionary Statements on side panel.

Manufactured By:
Albaugh, Inc.
Ankeny, Iowa 50021

NET CONTENTS
_____ Gals.
_____ Liters

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

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return **unopened** package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

PRECAUTIONARY STATEMENTS
CAUTION
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, shoes plus socks, and protective eyewear.

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.

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.

ENVIRONMENTAL HAZARDS

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 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 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.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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.

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 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 require-ments 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 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 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, is: long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, shoes plus socks, and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter treated areas without protective clothing until sprays have dried.

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. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

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.

CONTROLS THESE AND OTHER WEEDS

SUSCEPTIBLE (MOST AREAS):

- Annual sowthistle
- Beggarticks
- Cocklebur
- Dragonhead mint
- Field peppergrass
- Goatsbeard
- Hempnettle
- Lambsquarters (goosefoot)
- Marshelder
- Mustards (annual)
- Poison hemlock
- Puncturevine
- Ragweed
- Shepherdspurse
- Stinkweed (pennycress, fanweed)
- Wild radish
- Yellow rocket or wintercress

LESS SUSCEPTIBLE:

- Buttercups
- Canada thistle
- Chervil
- Dandelions
- Kochia
- Miner's lettuce
- Perennial sow
- Plantains
- Purslane
- Russian pigweed
- Stinging nettle
- Sunflower
- Vetch
- White top or hoary cress

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of MCPA Ester 4 and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. 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 Ester 4 by aerial application in the vicinity of sugar beets. Do not apply MCPA Ester 4 around houses, recreation sites, or similar areas.

AMOUNT OF SPRAY TO APPLY

Apply 5 to 15 gallons of total spray per acre when making applications with ground equipment and 2 to 5 gallons of total spray per acre when making applications by aircraft unless directed otherwise under specific directions. Carefully read the Environmental Hazards section of the Precautionary Statements for further information on spray volume.

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 spray from boot to dough stage. 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.

FLAX: Use 1/4 to 1/2 pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada Thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result. 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.

GRASSES

ESTABLISHED GRASSLAND: Use 1 to 3 pints per acre. Apply by ground sprayer in not less than 5 gallons or by airplane in not less than two gallons total spray volume. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. 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.

GRASSES GROWN FOR SEED: (aerial and surface applications): Use 1 to 2 pints per acre, the 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:** For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES: Canada Thistle, White Top and Meadow Buttercup - For spot treatment, use 1/4 pint in 3 to 4 gallons of water, or 3/4 gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

GENERAL INFORMATION

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station Weed Specialists for specific recommendations for local weed problems and for information on possible lower dosages. 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 herewith. Do not apply this product through any type of irrigation system.

CONDITIONS OF SALE AND WARRANTY

The **DIRECTIONS FOR USE** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of ALBAUGH, INC.

or the Seller. All such risks shall be assumed by the Buyer.

ALBAUGH, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. **ALBAUGH, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. 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.**

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OF HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. When Buyer suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), Buyer must promptly notify Seller in writing of any claims to be eligible to receive either remedy stated above. **IN NO CASE SHALL ALBAUGH, INC. OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** ALBAUGH, INC. and the Seller offer this product, and the Buyer accepts it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of ALBAUGH, INC. No employee or agent of ALBAUGH, INC. or the Seller is authorized to vary or exceed the terms of this Warranty in any other manner.

ACCEPTED
with COMMENTS
In EPA Letter Dated
OCT 23 2000
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.
42750-23

Office
121 NE 18th Street
Ankeny, IA 50021
Phone: 515-964-9444
Toll Free: 800-247-8013
Fax: 515-964-7813

Albaugh, Inc.

Plant
4900 Packers Ave.
St. Joseph, MO 64504
Phone: 816-238-3377
Toll Free: 800-252-2844
Fax: 816-238-3938

October 23, 2000

U.S. Environmental Protection Agency
Office of Pesticide Programs (7504C)
Ariel Rios Building
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

Re: Authorization of Designated Agent

Gentlemen,

Please let this letter serve to reaffirm that Alice Walker of Alice Walker Consulting, 811 Country Club Drive, Senatobia, Mississippi 38668, is appointed agent for Albaugh, Inc. and is authorized to represent Albaugh, Inc., company number 42750, before the U.S. Environmental Protection Agency in all matters regarding our registrations and applications for registrations pursuant to the Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA"), 7 U.S.C. § 136 et seq.

If you should have any questions or need further confirmation of this assignment, please do not hesitate to contact me.

Sincerely,

Stuart I. Feldstein

Stuart I. Feldstein
General Counsel

cc: Alice Walker

STATE OF IOWA)
) ss
COUNTY OF POLK)

On this 23rd day of October, 2000, before me, a notary public in and for said state and county, personally appeared Stuart I. Feldstein, to me personally known, who being by me duly sworn did say that he is the General Counsel of said corporation and that said instrument was signed on behalf of the said corporation by authority of its board of directors, and the said Stuart I. Feldstein acknowledged the execution of said instrument to be the voluntary act and deed of said corporation, by it voluntarily executed.

Tara Meredith
Notary Public in and for said State and County

TARA MEREDITH
MY COMMISSION EXPIRES
September 17, 2003

Agri Star™
By Albaugh, Inc.

Premier Supplier of Off-Patent Crop Protection Products

Atrazine, Bromoxynil, Butyrac®, Dicamba, MSMA, Phenoxies, Trifluralin

ALBAUGH, INC.

LAW DEPARTMENT

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Dr. Eugene Wilson	Stuart Feldstein
COMPANY:	DATE:
USEPA	October 23, 2000
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
703-308-1825	2

CONFIDENTIALITY NOTICE: The information contained in this facsimile message and the documents accompanying this facsimile message are attorney privileged and confidential information intended only for the use of the individual or entity named below. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, and return the original message to us at the address below via the U.S. Postal Service.

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Per your discussions with Alice Walker.

Cc: Alice Walker

121 N.E. 10TH STREET, ANKENY, IA 50021
TELEPHONE 515/964-9444
FACSIMILE NO. 515/964-3117

A B

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98

EPA

United States
Environmental Protection Agency
Washington, DC 20460

[ ] Registration
[xx] Amendment
[ ] Other

OPP Identifier Number
~~253425~~
278019

Application for Pesticide - Section I

1. Company/Product Number 42750-23	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification [x] None [ ] Restricted
4. Company/Product (Name) MCPA Ester 4	PM# 23	
5. Name and Address of Applicant *(Include ZIP Code)* Albaugh, Inc. c/o Alice Walker Consulting 811 Country Club Dr. Senatobia, MS 38668 [ ] *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

[x] Amendment - Explain below.
[ ] Resubmission in response to Agency letter dated _____
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[ ] Other - Explain below.

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

Amendment to update first aid per PRN 2000-3 and revise disclaimer

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____
*Notification must be submitted	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
[ ] Label [ ] Container		[ ] On Label [ ] On Labeling accompanying product

6. Manner in Which Label is Affixed to Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete Items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	662-562-5995

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.

2. Signature Alice Walker	3. Title Regulatory Consultant	6. Date Application Received (Stamped)
4. Typed Name Alice Walker, Ph.D.	5. Date September 26, 2000	

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

EPA

United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☐ Other

OPP Identifier Number
278019

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification ☐ None ☐ Restricted
4. Company/Product (Name)	PM#	
5. Name and Address of Applicant *(Include ZIP Code)* ☐ *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

☐ Amendment - Explain below.
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1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
☐ Yes* ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Metal ☐ Plastic ☐ Glass ☐ Paper ☐ Other (Specify) _____
Certification must be submitted	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
☐ Label ☐ Container		☐ On Label ☐ On Labeling accompanying product

6. Manner in Which Label is Affixed to Product ☐ Lithograph ☐ Paper glued ☐ Stenciled ☐ Other _____

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2. Signature	3. Title
4. Typed Name	5. Date

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PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.
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1. Company/Product Number - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. EPA Product Manager - If known, fill in the name and PM number of the EPA Product Manager.
3. Proposed Classification - Specify the proposed classification of this product.
4. Product Name - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. Name and Address of Applicant - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. Expedited Review - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

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1. Type of Packaging - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. Type of Retail Container - Indicate type of container in which product will be marketed.
3. Location of Net Contents - Indicate the location of the net contents information for your product.
4. Size(s) of Retail Container - Specify the net contents of all retail containers for your product.
5. Location of Use Directions - Indicate the location of the use directions for your product.
6. Manner in which label is affixed to product - Indicated the method product label is attached to retail container.

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1-5. Self-explanatory.
6. EPA Use Only.

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060

EPA

United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☐ Other

OPP Identifier Number 278019

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification ☐ None ☐ Restricted
4. Company/Product (Name)	PM#	
5. Name and Address of Applicant *(Include ZIP Code)* ☐ *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

☐ Amendment - Explain below.
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1-5. Self-explanatory.
6. EPA Use Only.

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

10/06/2000

ALICE WALKER
ALICE WALKER CONSULTING
811 COUNTRY CLUB DRIVE
SENATOBIA MS 38668

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

PRODUCT NAME: MCPA ESTER 4
COMPANY NAME: ALICE WALKER CONSULTING
OPP IDENTIFICATION NUMBER: 278019
EPA REGISTRATION NUMBER: 42750-23
EPA RECEIPT DATE: 10/02/2000

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application qualifies for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability.

If you have any questions, please contact Joanne Miller, Product Manager 23, at (703)-305-6224.

Sincerely,

J. Price

Front End Processing Staff
Information Services Branch
Program Management and Support Division

A B

Alice Walker, Ph.D.
REGULATORY CONSULTING • 811 COUNTRY CLUB DRIVE • SENATOBIA, MS 38668

CERTIFIED MAIL

August 25, 2000

Document Processing Desk (Amnd)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, DC 20460

Attn: Joanne Miller (PM 23)

Re: MCPA Amine 4 (EPA Reg. No. 42750-14)
SOLVE 2,4-D (EPA Reg. No. 42750-22)
MCPA Ester 4 (EPA Reg. No. 42750-23)
Amendment to First Aid Statements per PR Notice 2000-3

Dear Ms. Miller:

This letter will constitute an amendment from Albaugh, Inc. to update the first aid statements on subject labels according to PR Notice 2000-3. We also take this opportunity to revise the disclaimer. This latter change is nonsubstantive in nature and hopefully will not require much review time.

The following documents are enclosed to support these applications:

1. Applications for Amendment
2. Five (5) Copies of Amended Labeling

We trust you will find this submission complete and in compliance with the requirements for amended registration under FIFRA. If you should have questions during your review, please do not hesitate to contact me.

Sincerely,

Alice Walker

Alice Walker, Ph.D.
Regulatory Consultant

aw
Enclosures
cc: Greg Mulhall

Phone 662-562-5995 • Fax 662-562-7404

238425

Please Read All Instructions Before Completing this Form *(Form must be typed)* Form Approved. OMB No. 2070-0044. Approval Expires 1-31-95

EPA

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
401 M Street SW
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product	Distributor Company Number
0 42750-23 2	5 5905

Note: Do not submit distributor product labels

Name of Registered Product *(basic product name accepted by EPA)*	Distributor Product Name
ALBAUGH MCPA ESTER 4	MCPA ESTER 4

Name and Address of Distributor *(Type; include ZIP code)*

HELENA CHEMICAL COMPANY
6075 POPLAR AVENUE, SUITE 500
MEMPHIS, TN 38119

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hypen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...,"distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor		Date
Judy Smith	MGR., REG. SERVICES	DEC. 1, 1997

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant		Date
Alice Walker	REG. CONSULTANT	DEC. 4, 1997

EPA Form 8570-5 (Rev. 2-92) Previous editions are obsolete.

12·9·97

233791

Please Read All Instructions Before Completing this Form *(Form must be typed)* Form Approved. OMB No. 2070-0044. Approval Expires 1-31-95

EPA

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
401 M Street SW
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product	Distributor Company Number
0 42750-23 2	5 55467

Note: Do not submit distributor product labels

Name of Registered Product *(basic product name accepted by EPA)*	Distributor Product Name
Albaugh MCPA Ester 4	Tenkoz MCPA Ester 4

Name and Address of Distributor *(Type; include ZIP code)*

Tenkoz Inc.
100 North Point Center E.
Suite 330
Alpharetta, GA 30202

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hypen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...,"distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor: Kent V. Prince — General Manager

Date: 12-4-96

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant: Greg Mulhall — General Manager

Date: 11-27-96

EPA Form 8570-5 (Rev. 2-92) Previous editions are obsolete.

12-27-96

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

APR 14 1998

Alice Walker, Ph.D.
811 Country Club Drive
Senatobia, MS 38668

Dear Dr. Walker:

SUBJECT: Application For Alternate Formulation
MCPA Ester
EPA Registration No. 42750-23
Your Application Dated: February 12, 1998

The Agency has reviewed your submission for a revised confidential statement of formula (CSF). The alternate formulation meets the requirements of 40 CFR 158.155 and the formulation is acceptable.

A copy of the revised CSF has been added to our file as a part of the record.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration division (7505C)

M Cooke
4/14/98

DATE OUT: 30/MAR/1998

SUBJECT: PRODUCT CHEMISTRY REVIEW OF A TGAI [ ] MP [ ] EP [X]
BARCODE No.:244079 **EPA RECEIVED DATE:** 19/FEB/1998 **REG./File Symbol No.:** 42750-23
PRODUCT NAME: MCPA Ester 4, 69.7% AI
COMPANY NAME: Albaugh, Inc. **ACTION CODES:** 346

FROM: Sami Malak, Chemist /S/
Technical Review Branch/RD (7505C)

TO: 23 Mary Cooke
Herbicide Branch/RD (7505C)

INTRODUCTION:

The applicant responded to our previous memorandum and submitted a revised CSF, an alternate formulation dated 12/FEB/1998, correcting for the percentage purity of the technical source in this product (S. Mathur, D#242177, 22/JAN/1998). Product's label, accepted 05/SEP/1997, was also included with this submission.

FINDINGS:

1. The submitted product's CSF an alternate formulation dated 12/FEB/1998, was filled out correctly and completely in compliance with the regulations of 40CFR§152.43. The nominal concentration of the active ingredient agrees with the label claim nominal concentration as per the regulations of PR Notice 91-2. Further, the upper and lower certified limits are within the standard limits of 40CFR§158.175(b)(2).

3. All ingredients claimed on the submitted CSF are cleared for use in pesticide formulations.

CONCLUSIONS:

The submitted product's CSF an alternate formulation dated 12/FEB/1998, is acceptable.

cc: S. Malak and Central File (Reg. No.42750-23).
7505C:RD:TRB:CM-2:256:s.m.:30/MAR/1998:703-308-9365: < 42750-23 > .

Mary

Alice Walker, Ph.D.
REGULATORY CONSULTING • 811 COUNTRY CLUB DRIVE • SENATOBIA, MS 38668

CERTIFIED MAIL

February 12, 1997

Document Processing Desk (Amnd)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, D.C. 20460

Re: Albaugh MCPA Ester (EPA Reg. No. 42750-23)
Agency Letter Dated January 30, 1998

Attn: Joanne Miller (PM 23)

On December 18, 1997 we submitted a revised basic CSF for subject product. This correspondence is in response to Agency letter dated January 30, 1998 concerning that submission. Please find enclosed a completed application form and alternate CSF for your review. The alternate source of active ingredient, EPA Reg. No. 15440-9, now reflects a 97% purity.

We trust you will find this application complete and in compliance with the requirements for amended registration under FIFRA. If you should have any questions during your review, please do not hesitate to contact me.

Sincerely,

Alice Walker

Alice Walker, Ph.D.
Regulatory Consultant

AW/bh

Enclosures

cc: Jim Kahnk
Ron Collins

Phone 601-562-5995 • Fax 601-562-7404

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 05-31-98

EPA

United States
Environmental Protection Agency
Washington, DC 20460

[ ] Registration
[x] Amendment
[ ] Other

OPP Identifier Number
254416

Application for Pesticide - Section I

1. Company/Product Number: Albaugh/42750-23
2. EPA Product Manager: Joanne Miller
3. Proposed Classification: [x] None [ ] Restricted
4. Company/Product (Name): Albaugh/MCPA Ester
PM#: 23
5. Name and Address of Applicant *(Include ZIP Code)*
Albaugh, Inc.
c/o Alice Walker, Ph.D.
811 Country Club Drive
Senatobia, MS 38668
[ ] *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

[ ] Amendment - Explain below.
[x] Resubmission in response to Agency letter dated 1-30-98
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[ ] Other - Explain below.

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

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging: [ ] Yes* [ ] No
** Certification must be submitted*

Unit Packaging: [ ] Yes [ ] No
If "Yes" Unit Packaging wgt. No. per container

Water Soluble Packaging: [ ] Yes [ ] No
If "Yes" Package wgt No. per container

2. Type of Container: [ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____

3. Location of Net Contents Information: [ ] Label [ ] Container
4. Size(s) Retail Container
5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product
6. Manner in Which Label is Affixed to Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name: Alice Walker, Ph.D.
Title: Regulatory Consultant
Telephone No. (Include Area Code): 601-562-5095

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: Alice Walker
3. Title: Regulatory Consultant
4. Typed Name: Alice Walker, Ph.D.
5. Date: February 12, 1998

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.
Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.
Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

1. Company/Product Number - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. EPA Product Manager - If known, fill in the name and PM number of the EPA Product Manager.
3. Proposed Classification - Specify the proposed classification of this product.
4. Product Name - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. Name and Address of Applicant - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. Expedited Review - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. Type of Packaging - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. Type of Retail Container - Indicate type of container in which product will be marketed.
3. Location of Net Contents - Indicate the location of the net contents information for your product.
4. Size(s) of Retail Container - Specify the net contents of all retail containers for your product.
5. Location of Use Directions - Indicate the location of the use directions for your product.
6. Manner in which label is affixed to product - Indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98

EPA

United States
Environmental Protection Agency
Washington, DC 20460

[ ] Registration
[x] Amendment
[ ] Other

OPP Identifier Number
254416

Application for Pesticide - Section I

1. Company/Product Number: Albaugh/42750-23
2. EPA Product Manager: Joanne Miller
3. Proposed Classification: [x] None [ ] Restricted
4. Company/Product (Name): Albaugh/MCPAOEster
PM#: 23
5. Name and Address of Applicant *(Include ZIP Code)*
Albaugh, Inc.
c/o Alice Walker, Ph.D.
811 Country Club Drive
Senatobia, MS 38668
[ ] *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

[ ] Amendment - Explain below.
[x] Resubmission in response to Agency letter dated 1-30-98
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[ ] Other - Explain below.

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

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____
Certification must submitted	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information: [ ] Label [ ] Container
4. Size(s) Retail Container
5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product
6. Manner in Which Label is Affixed to Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone Nos.(Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	601-562-5095

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.

Date Application Received (Stamped)

2. Signature: Alice Walker
3. Title: Regulatory Consultant
4. Typed Name: Alice Walker, Ph.D.
5. Date: February 12, 1998

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

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2. Confidential Statement of Formula (EPA Form 8570-4);
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4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

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Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

1. Company/Product Number - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. EPA Product Manager - If known, fill in the name and PM number of the EPA Product Manager.
3. Proposed Classification - Specify the proposed classification of this product.
4. Product Name - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. Name and Address of Applicant - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. Expedited Review - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

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1. Type of Packaging - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. Type of Retail Container - Indicate type of container in which product will be marketed.
3. Location of Net Contents - Indicate the location of the net contents information for your product.
4. Size(s) of Retail Container - Specify the net contents of all retail containers for your product.
5. Location of Use Directions - Indicate the location of the use directions for your product.
6. Manner in which label is affixed to product - Indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

Product ingredient source information may be entitled to confidential treatment

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JAN 30 1998

Ms. Alice Walker
811 Country Club Drive
Senatobia, MS 38668

Dear Ms. Walker:

SUBJECT: MCPA Ester
EPA Registration No. 42750-23
Your Application Dated December 18, 1997

The Agency has reviewed your submissions for the revised basic and alternate confidential statements of formula (CSF) dated December 18, 1997, and they are acceptable, provided that [redacted] is used as your source of Active Ingredient.

The alternate source of active ingredient, EPA Reg. No. 15440-9 is 97% pure not 94% pure as indicated on your CSF. A separate CSF, using the appropriate, adjusted amounts of components, is required if you intend to formulate with 15440-9.

Copies of the revised CSFs has been added to our files as a part of the record.

Sincerely yours,

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

DATE: 22/JAN/1998

SUBJECT: PRODUCT CHEMISTRY REVIEW OF MP [ ] EP [X]
DP BARCODE No.: D242177 REG./File Symbol No.: 42750-23
PRODUCT NAME: MCPA Ester
COMPANY: Albaugh Incorporation

FROM: Shyam B. Mathur, Chemist
Product Chemistry Team
Technical Review Branch/RD (7505C)

SBMathur 01-22-98

TO: Joanne Miller, PM 23
Herbicide Branch/RD(7505C)

INTRODUCTION

The registrant Albaugh Inc., Has submitted a basic formulation CSF(dated December 18, 1997)for the end-use product MCPA Ester4. According to the registrant, the revised CSF updates the names of the technical suppliers and is in compliance with the requirements for amended registration under FIFRA.

SUMMARY OF FINDINGS

The basic formulation CSF(dated December 18, 1997) is filled out correctly and completely in compliance with PR Notice 91-2 and agree with the label claim nominal concentration.

CONCLUSION

The basic formulation CSF(dated December 18, 1997)for the end-use product MCPA Ester 4 is acceptable with comments.

Comments:

The registrant must not use the technical 2-ethylhexyl Ester MCPA technical(Reg.No. 15440-9)since it is 97% pure(CSF & Label accepted on 8-4-97)and not 94% pure as indicated by the registrant in the CSF.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Alice Walker, Ph.D.
Albaugh, Inc.
c/o Regulatory Consulting
785 Country Club Drive
Senatobia, MS 38668

SEP 5 1997

Dear Dr. Walker:

Subject: Revised Precautionary Language; CAUTION Signal Word
Albaugh MCPA Ester 4
EPA Registration No. 42750-23
Your Submission Dated July 14, 1997

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

1) Revise the amount of water required for the total spray volume for aerial application in the section entitled "Amount of Spray to Apply" and in the use directions for "Established Grassland" to at least two gallons per acre. The spray volume of one gallon per acre was originally approved for this product in error. In order to support an aerial spray volume with less than two gallons of water per acre, crop field trial data reflecting aerial application are required. Alternatively, existing data may be cited provided that it was performed with a product of the same formulation type (e.g., emulsifiable concentrate).

2) Revise the amount of water required for the total spray volume for ground application in the use directions for "Established Grassland" to at least five gallons per acre.

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the referenced label, incorporating the above changes, before releasing the product for shipment.

Sincerely yours,

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

Enclosure

DK: 305-7546: AB/PM 23

CONCURRENCES

SYMBOL ▸	7505C							
SURNAME ▸	D. KENNY							
DATE ▸	9/5/97							

EPA Form 1320-1 (12-70)

OFFICIAL FILE COPY

A B

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98

EPA

United States
Environmental Protection Agency
Washington, DC 20460

[ ] Registration
[x] Amendment
[ ] Other

OPP Identifier Number
254420

Application for Pesticide - Section I

1. Company/Product Number Albaugh, Inc./42750-23	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification [x] None [ ] Restricted
4. Company/Product (Name) Albaugh MCPA Ester 4	PM# 23	
5. Name and Address of Applicant *(Include ZIP Code)* Albaugh, Inc. c/o Alice Walker, Ph.D. 811 Country Club Drive Senatobia, MS 38668 [ ] *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

[x] Amendment - Explain below.
[ ] Resubmission in response to Agency letter dated _____
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[ ] Other - Explain below.

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

Application for new Basic CSF

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____
Certification must be submitted	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information [ ] Label [ ] Container	4. Size(s) Retail Container	5. Location of Label Directions [ ] On Label [ ] On Labeling accompanying product
6. Menner in Which Label is Affixed to Product	[ ] Lithograph [ ] Paper glued [ ] Stenciled	[ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	601-562-[illegible]

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 Alice Walker	3. Title Regulatory Consultant
4. Typed Name Alice Walker, Ph.D.	5. Date December 18, 1997

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.
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Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

1. Company/Product Number - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. EPA Product Manager - If known, fill in the name and PM number of the EPA Product Manager.
3. Proposed Classification - Specify the proposed classification of this product.
4. Product Name - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. Name and Address of Applicant - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. Expedited Review - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. Type of Packaging - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. Type of Retail Container - Indicate type of container in which product will be marketed.
3. Location of Net Contents - Indicate the location of the net contents information for your product.
4. Size(s) of Retail Container - Specify the net contents of all retail containers for your product.
5. Location of Use Directions - Indicate the location of the use directions for your product.
6. Manner in which label is affixed to product - Indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

Please read instructions on reverse before completing form

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98

EPA

United States
Environmental Protection Agency
Washington, DC 20460

[ ] Registration
[x] Amendment
[ ] Other

OPP Identifier Number: 254420

Application for Pesticide - Section I

1. Company/Product Number: Albaugh, Inc./42750-23

2. EPA Product Manager: Joanne I. Miller

3. Proposed Classification: [x] None [ ] Restricted

4. Company/Product (Name): Albaugh MCPA Ester 4

PM# 23

5. Name and Address of Applicant *(Include ZIP Code)*
Albaugh, Inc.
c/o Alice Walker, Ph.D.
811 Country Club Drive
Senatobia, MS 38668
[ ] *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

[x] Amendment - Explain below.
[ ] Resubmission in response to Agency letter dated _____
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[ ] Other - Explain below.

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

Application for new Basic CSF

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging: [ ] Yes* [ ] No
Certification must be submitted

Unit Packaging: [ ] Yes [ ] No
If "Yes" Unit Packaging wgt. _____ No. per container _____

Water Soluble Packaging: [ ] Yes [ ] No
If "Yes" Package wgt _____ No. per container _____

2. Type of Container: [ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____

3. Location of Net Contents Information: [ ] Label [ ] Container

4. Size(s) Retail Container

5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product

6. Manner in Which Label is Affixed to Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other _____

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Alice Walker, Ph.D.	Regulatory Consultant	601-562-[illegible]

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2. Signature: Alice Walker

3. Title: Regulatory Consultant

4. Typed Name: Alice Walker, Ph.D.

5. Date: December 18, 1997

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

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1-5. Self-explanatory.
6. EPA Use Only.

A.

B

Alice Walker, Ph.D.
REGULATORY CONSULTING • 811 COUNTRY CLUB DRIVE • SENATOBIA, MS 38668

CERTIFIED MAIL

December 18, 1997

Document Processing Desk (Amnd))
Office of Pesticide Programs (H7504C)
U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, D.C. 20460

Re: Albaugh MCPA Ester 4 (EPA Reg. No. 42750-23)
Application for New Basic CSF

Attn: Ms. Joanne I. Miller (PM23)

Albaugh, Inc. would like to update the technical suppliers for subject product. To this end, please find enclosed a properly completed application form and new basic CSF.

We trust you will find this submission complete and in compliance with the requirements for amended registration under FIFRA. Should any questions arise during your review, please do not hesitate to contact me.

Sincerely,

Alice Walker

Alice Walker, Ph.D.
Regulatory Consultant

AW/bh

Enclosures

cc: Jim Kahnk
Ron Collins

Phone 601-562-5995 • Fax 601-562-7404

ACCEPTED
with COMMENTS
In EPA Letter Dated

SEP 5 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 42750-23

ALBAUGH

MCPA ESTER 4

HERBICIDE FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:
2-ethylhexyl ester of 2-methyl-4-chlorophenoxyacetic acid*..... 69.7%
INERT INGREDIENTS†:..... 30.3%
TOTAL.. 100.0%

* Equivalent to 44.7% of 2-methyl-4-chlorophenoxyacetic acid isomer specific of not less than 3.7 pounds of 2-methyl-4-chlorophenoxyacetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.
†Contains petroleum distillates.

EPA Reg. No. 42750-23 EPA Est. No. 42750-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.
IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
IF ON SKIN: Wash with plenty of soap and water. Get medical attention.
NOTE TO PHYSICIAN: May pose as aspiration pneumonia hazard.

See additional Precautionary Statements on side panel.

Manufactured By:
Albaugh, Inc.
Ankeny, Iowa 50021

NET CONTENTS
_____ Gals.
_____ Liters

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

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return **unopened** package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, shoes plus socks, and protective eyewear.

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.

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.

ENVIRONMENTAL HAZARDS

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 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 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.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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.

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 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 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 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, is: long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, shoes plus socks, and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

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. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

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.

CONTROLS THESE AND OTHER WEEDS

SUSCEPTIBLE (MOST AREAS)

Annual sowthistle
Beggarticks
Cocklebur
Dragonhead mint
Field peppergrass
Goatsbeard
Hempnettle
Lambsquarters (goosefoot)
Marshelder
Mustards (annual)
Poison hemlock
Puncturevine
Ragweed
Shepherdspurse
Stinkweed (pennycress, fanweed)
Wild radish
Yellow rocket or wintercress

LESS SUSCEPTIBLE

Buttercups
Canada thistle
Chervil
Dandelions
Kochia
Miner's lettuce
Perennial sow
Plantains
Purslane
Russian pigweed
Stinging nettle
Sunflower
Vetch
White top or hoary cress

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of MCPA Ester 4 and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. 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 isooctyl ester by aerial application in the vicinity of sugar beets. Do not apply MCPA isooctyl ester around houses, recreation sites, or similar areas.

AMOUNT OF SPRAY TO APPLY

Apply 5 to 15 gallons of total spray per acre when making applications with ground equipment and 1 to 5 gallons of total spray per acre when making applications by aircraft unless directed otherwise under specific directions. Carefully read the Environmental Hazards section of the Precautionary Statements for further information on spray volume.

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 spray from boot to dough stage. 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.

FLAX: Use 1/4 to 1/2 pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada Thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result. 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.

GRASSES

ESTABLISHED GRASSLAND: Use 1 to 3 pints per acre in sufficient water (1 to 10 gallons) by airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. 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.

GRASSES GROWN FOR SEED: (aerial and surface applications): Use 1 to 2 pints per acre, the 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**: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES: Canada Thistle, White Top and Meadow Buttercup - For spot treatment, use 1/4 pint in 3 to 4 gallons of water, or 3/4 gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

GENERAL INFORMATION

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station Weed Specialists for specific recommendations for local weed problems and for information on possible lower dosages. 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 herewith. Do not apply this product through any type of irrigation system.

WARRANTY LIMITATIONS AND DISCLAIMER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the DIRECTIONS FOR USE when used under normal conditions. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.
When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify seller, in writing, of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of seller will be one of the following, at the election of the seller:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations and Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.

Alice Walker, Ph.D.
REGULATORY CONSULTING • 785 COUNTRY CLUB DRIVE • SENATOBIA, MS 38668

CERTIFIED MAIL

July 14, 1997

Ms. Joanne Miller (PM 23)
Document Processing Desk (7504C)
Office of Pesticide Programs
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

Subject: Precautionary Labeling
MCPA Ester 4
(EPA Reg. No. 42750-23)

Dear Ms. Miller:

I am responding to your letter of June 13, 1997 signed by Dan Kenny requesting that we revise the signal word and corresponding PPE for subject product since it has been classified as Toxicity Category II for acute dermal toxicity. However, after a review of the registration records for this product, we believe an Acute Toxicity II classification is inconsistent with its acute toxicity profile.

Prior to the transfer of this product to Albaugh in early 1993, EPA completed a review of acute toxicity studies submitted by the previous registrant, Agrolinz, Inc. The results of the studies indicate the following acute toxicity categories for this product:

STUDY	TOXICITY CATEGORY
Acute Oral Toxicity	III
Acute Dermal Toxicity	III
Acute Inhalation Toxicity	III
Primary Eye Irritation	IV
Primary Dermal Irritation	IV
Dermal Sensitization	Not a sensitizer

Copies of the toxicology review, dated October 5, 1992, and the Agency's letter to Agrolinz, Inc., dated October 15, 1992, asking the company to revise the product labeling to reflect the above toxicity profile, are attached.

Phone 601-562-5995 • Fax 601-562-7404

In light of this information, we believe it is appropriate to maintain the current signal word of "CAUTION" and leave the PPE as originally submitted to you in our May 6, 1997 correspondence. However, we have revised the "NOTE TO PHYSICIAN" in accordance with your instructions, added a "Physical and Chemical Hazards" statement, and deleted the phrase "for terrestrial uses" from the "ENVIRONMENTAL HAZARDS" section.

We believe these changes in precautionary labeling are correct and consistent with the chemistry, acute toxicity, and end-use profile for MCPA Ester 4 and enclose five (5) copies of revised draft labeling in accordance with our interpretation.

Sincerely,

Alice Walker

Alice Walker, Ph.D.
Regulatory Consultant

/s
cc: Glen O'Brien
Greg Mulhall

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98

EPA

United States
Environmental Protection Agency
Washington, DC 20460

[ ] Registration
[ ] Amendment
[xx] Other

OPP Identifier Number
249152

Application for Pesticide - Section I

1. Company/Product Number 42750-23	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification [xx] None [ ] Restricted
4. Company/Product (Name) Albaugh, Inc./MCPA Ester 4	PM# 23	
5. Name and Address of Applicant *(Include ZIP Code)* c/o Alice Walker Consulting 785 Country Club Drive Senatobia, MS 38668 [ ] *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

[ ] Amendment - Explain below.
[x] Resubmission in response to Agency letter dated 6-13-97
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[ ] Other - Explain below.

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

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____
** Certification must [illegible] submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information [ ] Label [ ] Container	4. Size(s) Retail Container	5. Location of Label Directions [ ] On Label [ ] On Labeling accompanying product
6. Manner in Which Label is Affixed to Product	[ ] Lithograph [ ] Paper glued [ ] Stenciled	[ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	601-562-6995

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 Alice Walker	3. Title Regulatory Consultant
4. Typed Name Alice Walker, Ph.D.	5. Date July 14, 1997

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.
Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.
Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

1. Company/Product Number - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. EPA Product Manager - If known, fill in the name and PM number of the EPA Product Manager.
3. Proposed Classification - Specify the proposed classification of this product.
4. Product Name - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. Name and Address of Applicant - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. Expedited Review - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. Type of Packaging - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. Type of Retail Container - Indicate type of container in which product will be marketed.
3. Location of Net Contents - Indicate the location of the net contents information for your product.
4. Size(s) of Retail Container - Specify the net contents of all retail containers for your product.
5. Location of Use Directions - Indicate the location of the use directions for your product.
6. Manner in which label is affixed to product - Indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me too", reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 13 1997

Alice Walker, Ph.D.
Albaugh, Inc.
c/o Regulatory Consulting
785 Country Club Drive
Senatobia, MS 38668

Dear Dr. Walker:

Subject: Revised Labeling and Confidential Statement of Formula to Specify 2-Ethylhexyl Ester of MCPA
Albaugh MCPA Ester 4
EPA Registration No. 42750-23
Your Submission Dated May 6, 1997

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is not acceptable. The following changes are required in the proposed labeling:

1) Since this product is classified as Toxicity Category II for acute dermal toxicity, the following revisions are required:

   a) Revise the signal word to read "WARNING".

   b) Revise the requirement for "long sleeved shirt and long pants" in the list of personal protective equipment for applicators and other handlers as well as for early reentry to "coveralls worn over long sleeved shirt and long pants". In addition, the requirement for "shoes" in both these locations should be revised to "chemical resistant footwear".

2) Delete the current Note To Physician and add a new one to read "NOTE TO PHYSICIAN: May pose an aspiration pneumonia hazard."

3) Add the heading "Physical or Chemical Hazards" and the corresponding text "Do not use or store near heat or open flame."

4) Since this product has no aquatic uses, delete the phrase "For terrestrial uses..." from the beginning of the first sentence in the Environmental Hazards section.

Please submit five (5) copies of revised draft labeling, incorporating the changes indicated above.

DK: 305-7546: HB/PM23

CONCURRENCES

SYMBOL ▸	7505C							
SURNAME ▸	D. KENNY							
DATE ▸	6/13/97							

EPA Form 1320-1 (12-70) OFFICIAL FILE COPY

The Agency has also reviewed your submission of the revised Confidential Statement of Formula dated May 6, 1997 for the basic formulation. It has been determined that the Confidential Statement of Formula agrees with the label claim in compliance with PR Notice 91-2 and is acceptable. The Confidential Statement of Formula has been added to your file as part of the record.

Sincerely yours,

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

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

ALBAUGH MCPA ESTER 4

EPA REGISTRATION NO. 42750-23

NOTE TO THE FILE

June 12, 1997

The CSF dated 5/6/97 for the basic formulation was reviewed on the PM Team by Dan Kenny. The CSF was submitted in order to confirm the active ingredient as the 2-ethylhexyl ester of MCPA as opposed to any other form of isooctyl ester. It is noted that the CSF is unchanged from the previously approved CSF (dated 3/2/94). The two alternate source products for the active ingredient are acceptable. The nominal concentration for the active ingredient agrees with the label claim in compliance with PR Notice 91-2. All inerts are cleared for this use.

Conclusion: The CSF dated 5/6/97 for the basic formulation is acceptable.

Dan Kenny 6/12/97

Dan Kenny (RD/HB/PM-23)

Recycled/Recyclable • Printed with Vegetable Oil Based Inks on 100% Recycled Paper (40% Postconsumer)

REJECTED
6/13/97

ALBAUGH RECD EPA/OPP/DPD1

MCPA ESTER 4

'97 MAY 12 P1:01

HERBICIDE FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:
2-ethylhexyl ester of 2-methyl-4-chlorophenoxyacetic acid* 69.7%
INERT INGREDIENTS†: 30.3%
TOTAL 100.0%

* Equivalent to 44.7% of 2-methyl-4-chlorophenoxyacetic acid isomer specific of not less than 3.7 pounds of 2-methyl-4-chlorophenoxyacetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.
†Contains petroleum distillates.

EPA Reg. No. 42750-23 EPA Est. No. 42750-MO-1

KEEP OUT OF REACH OF CHILDREN

~~**CAUTION**~~ WARNING

REWRITE

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.
IF SWALLOWED: Call a physician or get medical attention. Do not induce vomiting. Do not ~~give anything~~ by mouth to an unconscious person. Avoid alcohol.
O.K.
IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.
NOTE TO PHYSICIAN: ~~Probable mucosal damage may contraindicate the use of gastric lavage.~~ MAY POSE AN ASPIRATION PNEUMONIA HAZARD

See additional Precautionary Statements on side panel.

Manufactured By:
Albaugh, Inc.
Ankeny, Iowa 50021

NET CONTENTS
_____ Gals.
_____ Liters

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

PHYSICAL OR CHEMICAL HAZARDS
DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME.

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return **unopened** package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

PRECAUTIONARY STATEMENTS

~~CAUTION~~ WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May be fatal if absorbed through skin. Do not get in eyes, on skin, or on clothing. Harmful if swallowed or inhaled. Avoid breathing vapor or spray mist. Causes moderate eye irritation.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear COVERALLS WORN OVER long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, ~~shoes~~ CHEMICAL-RESISTANT FOOTWEAR plus socks, and protective eyewear.

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.

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.

ENVIRONMENTAL HAZARDS

~~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 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 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.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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.

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 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 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 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, is: COVERALLS OVER long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, ~~shoes~~ plus socks, and protective eyewear.
CHEMICAL RESISTANT FOOTWEAR

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

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. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

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.

CONTROLS THESE AND OTHER WEEDS

SUSCEPTIBLE (MOST AREAS)

Annual sowthistle
Beggarticks
Cocklebur
Dragonhead mint
Field peppergrass
Goatsbeard
Hempnettle
Lambsquarters (goosefoot)
Marshelder
Mustards (annual)
Poison hemlock
Puncturevine
Ragweed
Shepherdspurse
Stinkweed (pennycress, fanweed)
Wild radish
Yellow rocket or wintercress

LESS SUSCEPTIBLE

Buttercups
Canada thistle
Chervil
Dandelions
Kochia
Miner's lettuce
Perennial sow
Plantains
Purslane
Russian pigweed
Stinging nettle
Sunflower
Vetch
White top or hoary cress

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of MCPA Ester 4 and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. 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 isooctyl ester by aerial application in the vicinity of sugar beets. Do not apply MCPA isooctyl ester around houses, recreation sites, or similar areas.

AMOUNT OF SPRAY TO APPLY

Apply 5 to 15 gallons of total spray per acre when making applications with ground equipment and 1 to 5 gallons of total spray per acre when making applications by aircraft unless directed otherwise under specific directions. Carefully read the Environmental Hazards section of the Precautionary Statements for further information on spray volume.

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 spray from boot to dough stage. 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.

FLAX: Use 1/4 to 1/2 pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada Thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result. 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.

GRASSES

ESTABLISHED GRASSLAND: Use 1 to 3 pints per acre in sufficient water (1 to 10 gallons) by airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. 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.

GRASSES GROWN FOR SEED: (aerial and surface applications): Use 1 to 2 pints per acre, the 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**: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES: Canada Thistle, White Top and Meadow Buttercup - For spot treatment, use 1/4 pint in 3 to 4 gallons of water, or 3/4 gallon PER ACRE in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

GENERAL INFORMATION

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station Weed Specialists for specific recommendations for local weed problems and for information on possible lower dosages. 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 herewith. Do not apply this product through any type of irrigation system.

WARRANTY LIMITATIONS AND DISCLAIMER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the

DIRECTIONS FOR USE when used under normal conditions. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify seller, in writing, of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of seller will be one of the following, at the election of the seller:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations and Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.

Alice Walker, Ph.D.
REGULATORY CONSULTING • 785 COUNTRY CLUB DRIVE • SENATOBIA, MS 38668

CERTIFIED MAIL

May 6, 1997

Document Processing Desk (AMND)
Office of Pesticide Programs
U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, D.C. 20460

Re: MCPA Isooctyl Ester Letter of April 15, 1997
Albaugh Products Affected:
1. **MCPA Ester (EPA Reg. No. 42750-10)**
2. **MCPA Ester 4 (EPA Reg. No. 42750-23)**
3. **SEE® MCPA Ester 4 (EPA Reg. No. 42750-25)**

Attn: Joanne I. Miller (PM23)

This is in response to Mr. Andrew Ertman's MCPA Isooctyl Ester Letter concerning the above product registrations.

When changing the active ingredient name from isooctyl ester to ethylhexyl ester, we took the opportunity to update the Statement of Practical Treatment and Precautionary Statements according to the December 1996 Label Review Manual. The acute toxicity categories are the same as those certified for the Worker Protection Standard (WPS) label amendment(s). These are as follows:

Study	Acute Toxicity Category		
	42750-10	42750-23	42750-25
Acute Oral	III	III	III
Acute Dermal	II	II	III
Acute Inhalation	III	III	III
Primary Eye Irritation	III	III	III
Primary Skin Irritation	III	III	III

Phone 601-562-5995 • Fax 601-562-7404

In support of this application, we submit herein the following documents:

(1) Application for Amendment,
(2) Proposed revised Confidential Statements of Formula (CSF's), and
(3) Five (5) copies each of the proposed labels.

We trust you will find this application complete and in compliance with the requirements for registration. Should any questions arise during your review, please do not hesitate to contact me.

Sincerely,

Alice Walker

Alice Walker, Ph.D.
Regulatory Consultant

AW/bh

Enclosures

cc: Greg Mulhall
Glen O'Brien

A B

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98

EPA

United States
Environmental Protection Agency
Washington, DC 20460

[ ] Registration
[ ] Amendment
[x] Other

OPP Identifier Number 256197 ~~240145~~

Application for Pesticide - Section I

1. Company/Product Number
a) ~~42750-18~~ b) 42750-23 c) ~~42750-25~~

2. EPA Product Manager
Joanne Miller

3. Proposed Classification
[x] None [ ] Restricted

4. Company/Product (Name)
~~a) MCPA Ester~~
b) MCPA Ester 4 c) ~~SEE MCPA Ester 4~~

PM# 23

5. Name and Address of Applicant *(Include ZIP Code)*
Albaugh, Inc.
c/o Alice Walker, Ph.D.
785 Country Club Drive
Senatobia, MS 38668
[ ] *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

[ ] Amendment - Explain below.
[ ] Resubmission in response to Agency letter dated _____
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[x] Other - Explain below.

RECD EPA/OPP/DPD1 '97 MAY 12 P1:00

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Submission in response to MCPA Isooctyl Ester letter of April 15, 1997

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistent Packaging
[ ] Yes*
[ ] No
Certification must submitted

Unit Packaging
[ ] Yes
[ ] No
If "Yes" Unit Packaging wgt. No. per container

Water Soluble Packaging
[ ] Yes
[ ] No
If "Yes" Package wgt No. per container

2. Type of Container
[ ] Metal
[ ] Plastic
[ ] Glass
[ ] Paper
[ ] Other (Specify) _____

3. Location of Net Contents Information
[ ] Label [ ] Container

4. Size(s) Retail Container

5. Location of Label Directions
[ ] On Label
[ ] On Labeling accompanying product

6. Manner in Which Label is Affixed to Product
[ ] Lithograph
[ ] Paper glued
[ ] Stenciled
[ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	601-562-5995

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: Alice Walker

3. Title: Regulatory Consultant

4. Typed Name: Alice Walker, Ph.D.

5. Date: May 6, 1997

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

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

05/13/97

ALICE WALKER
ALBAUGH INC
785 COUNTRY CLUB DRIVE
SENATOBIA MS 38668

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

PRODUCT NAME: MCPA ESTER 4
COMPANY NAME: REGULATORY CONSULT.FOR ALBAUGH
OPP IDENTIFICATION NUMBER: 256197
EPA REGISTRATION NUMBER: 42750-23
EPA RECEIPT DATE: 05/12/97

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application qualifies for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability.

If you have any questions, please contact Joanne Miller, Product Manager 23, at (703)-305-7830.

Sincerely,

J. Wrice

Front End Processing Staff
Information Services Branch
Program Management and Support Division

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

OFFICE OF
PREVENTION, PESTICIDES, AND
TOXIC SUBSTANCES

CERTIFIED MAIL

APR 15 1997

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL

5/7/97

# of pages ▶ 2

To Joanne Miller	From A. ERTMAN
Dept./Agency RD	Phone # 308-8063
Fax # 308-1825	Fax # 308 8273

NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

Dear Registrant:

Subject: EPA Product Registration(s) for MCPA Isooctyl Ester (PC Code 030563)

Current Agency records show that your MCPA product registration(s) listed in Attachment A contain the active ingredient (a.i.) isooctyl 2-methyl-4-chlorophenoxyacetate (MCPA). This MCPA a.i. is not being supported by the MCPA Task Force Three or any other individual registrant. The only MCPA ester that is being supported is the 2-ethylhexyl ester (PC Code 030564).

If you believe that the Agency records are in error and that your product registration(s) contain the 2-ethylhexyl ester as the active ingredient, you must submit a Confidential Statement of Formula (CSF) and a current label for each product that lists the active ingredient as the 2-ethylhexyl ester. A generic listing of "isooctyl ester" is not sufficient if your product(s) contain 2-ethylhexyl ester.

If the source active ingredient of your product(s) is 2-ethylhexyl ester, but your CSF and/or label(s) list the active ingredient as isooctyl ester, you must revise both your CSF(s) and label(s) to state 2-ethylhexyl ester as your active ingredient.

If the source active ingredient of your product(s) is isooctyl MCPA, your product(s) may be subject to suspension for failure to have submitted data to support your registrations.

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The Agency is providing you three weeks from the date of receipt of this letter to do one of the following:

- Submit copy(ies) of your EPA accepted CSF(s) and current label(s) listing the active ingredient of your product(s) as 2-ethylhexyl ester;
- Submit an application for amended registration and revised CSF(s) and label(s) listing the active ingredient in your product(s) as 2-ethylhexyl ester;
- Commit to generate the data necessary to support the reregistration of MCPA isooctyl ester

All applications for amended registration with proposed revised CSFs and/or product labels should be mailed to:

Joanne Miller (PM 23)
Document Processing Desk (AMEND)
Office of Pesticide Programs - 7504C
US EPA
401 M Street SW
Washington, DC 20460

Please send all other submissions as well as copies of amendment applications and revised CSFs and/or product labels to Andrew Ertman at the following address:

Andrew Ertman (7508W)
Special Review and Reregistration Division
Office of Pesticide Programs
US EPA
401 M Street SW
Washington, DC 20460

Failure to respond to this letter within the three week time frame provided may result in the issuance of a Notice of Intent to Suspend affecting your product registration(s) listed in Attachment A. If you have any questions regarding this correspondence, please refer them to Andrew Ertman, the Case Review Manager for MCPA. He can be reached at (703) 308-8063.

Sincerely,

Lawrence J. Schnaubelt

Lawrence J. Schnaubelt, Acting Chief
Reregistration Branch
Special Review and
Reregistration Division

Attachment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 10 1995

Alice Walker, Ph.D.
47 Country Club Drive
Senatobia, MS 38668

Dear Dr. Walker:

SUBJECT: Label Amendment
MCPA Ester 4
EPA Registration No. 42750-23
Your Application, Dated June 14, 1995, Revising Precautionary Labeling in Accordance with EPA's Letter of June 1, 1995.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable, provided that you:

1. Submit one (1) copy of the final printed label before releasing the product for shipment.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosures

RD:STANTON:PM Team 23:Rm. 235:305-5218:Disk #1:S489537.LET

CONCURRENCES

SYMBOL ▸	7505C							
SURNAME ▸	S. Stanton							
DATE ▸	Jul 6, 1995							

EPA Form 1320-1 (12-70) OFFICIAL FILE COPY

ALBAUGH

MCPA ESTER 4

ACCEPTED with COMMENTS In EPA Letter Dated JUL 10 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 42750-23

HERBICIDE FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:
Isooctyl ester of 2 methyl-4-chlorophenoxyacetic acid* 69.7%
INERT INGREDIENTS†: 30.3%
TOTAL 100.0%

* Equivalent to 44.7% of 2-methyl-4-chlorophenoxyacetic acid isomer specific of not less than 3.7 pounds of 2-methyl-4-chlorophenoxyacetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.

†Contains petroleum distillates.

EPA Reg. No. 42750-23 EPA Est. No. 42750-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

IN INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

NOTE TO ATTENDING PHYSICIAN: May cause chemical pneumonitis if aspirated. If lavage is performed, suggest endotracheal and/or esophagoscopic control.

See additional Precautionary Statements on side panel.

Manufactured by:

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

NET CONTENTS
_____ GALS.
_____ LITERS

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

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return **unopened** package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

PRECAUTIONARY STATEMENTS
CAUTION
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, shoes plus socks, and protective eyewear.

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.

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.

ENVIRONMENTAL HAZARDS

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 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 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.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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.

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 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 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 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, is: long-sleeved shirt and long pants, chemical-

resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, shoes plus socks, and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

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. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

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.

CONTROLS THESE AND OTHER WEEDS

SUSCEPTIBLE (MOST AREAS)

Annual sowthistle
Beggarticks
Cocklebur
Dragonhead mint
Field peppergrass
Goatsbeard
Hempnettle
Lambsquarters (goosefoot)
Marshelder
Mustards (annual)
Poison hemlock
Puncturevine
Ragweed
Shepherdspurse
Stinkweed (pennycress, fanweed)
Wild radish
Yellow rocket or wintercress

LESS SUSCEPTIBLE

Buttercups
Canada thistle
Chervil
Dandelions
Kochia
Miner's lettuce
Perennial sow
Plantains
Purslane
Russian pigweed
Stinging nettle
Sunflower
Vetch
White top or hoary cress

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of MCPA Ester 4 and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. 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 isooctyl ester by aerial application in the vicinity of sugar beets. Do not apply MCPA isooctyl ester around houses, recreation sites, or similar areas.

AMOUNT OF SPRAY TO APPLY

Apply 5 to 15 gallons of total spray per acre when making applications with ground equipment and 1 to 5 gallons of total spray per acre when making applications by aircraft unless directed otherwise under specific directions. Carefully read the Environmental Hazards section of the Precautionary Statements for further information on spray volume.

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 spray from boot to dough stage. 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.

FLAX: Use 1/4 to 1/2 pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada Thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result. 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.

GRASSES

ESTABLISHED GRASSLAND: Use 1 to 3 pints per acre in sufficient water (1 to 10 gallons) by airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. 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.

GRASSES GROWN FOR SEED: (aerial and surface applications): Use 1 to 2 pints per acre, the 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: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES: Canada Thistle, White Top and Meadow Buttercup - For spot treatment, use 1/4 pint in 3 to 4 gallons of water, or 3/4 gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

GENERAL INFORMATION

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station Weed Specialists for specific recommendations for local weed problems and for information on possible lower dosages. 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 herewith. Do not apply this product through any type of irrigation system.

WARRANTY LIMITATIONS AND DISCLAIMER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the DIRECTIONS FOR USE when used under normal conditions.

THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.
When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify seller, in writing, of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of seller will be one of the following, at the election of the seller:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations and Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.

Please read Instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) EPA

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Application for Pesticide:

[ ] Registration
[ ] Amendment
[xx] Other

OPP Identifier Number: 210965

Section I

1. Company/Product Number: 42750-23	2. EPA Product Manager: Joanne I. Miller	3. Proposed Classification: [xx] None [ ] Restricted
4. Company/Product (Name): Albaugh MCPA Ester 4	PM#: 23	
5. Name and Address of Applicant *(Include ZIP Code)*: Albaugh, Inc. 1517 N. Ankeny Blvd., Ste. A Ankeny, Iowa 50021 [ ] *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

[ ] Amendment - Explain below
[xx] Resubmission in response to Agency letter dated 6-1-95.
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated____.
[ ] "Me Too" Application.
[ ] Other - explain below.

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

Section III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify)____
* *Certification must be submitted.*	If "Yes," Unit Package wgt. / No. per container	If "Yes," Package wgt. / No. per container	

3. Location of Net Contents Information: [ ] Label [ ] Container	4. Size(s) of Retail Container	5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product

6. Manner In Which Label Is Affixed To Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other (____)

Section IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	601-562-3995

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.

2. Signature: Alice Walker	3. Title: Regulatory Consultant	6. Date Application Received (Stamped)
4. Typed Name: Alice Walker, Ph.D.	5. Date: June 14, 1995	

EPA Form 8570-1 (Rev. 12-90) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant copy

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper or a mockup of the proposed label. If prepared as a mockup, it should be constructed in such a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.
Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended registration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.
Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

1. Company/Product Number - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. EPA Product Manager - If known, fill in the name end PM number of the EPA Product Manager.
3. Proposed Classification - Specify the proposed classification of this product.
4. Product Name - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. Name and Address of Applicant - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. Expedited Review - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. Type of Packaging - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. Type of Retail Container - Indicate type of container in which product will be marketed.
3. Location of Net Contents - Specify the net contents of all retail containers for your product.
4. Size(s) of Retail Container - Specify the net contents of all retail containers for your product.
5. Location of Use Directions - Indicate the location of the use directions for your product.
6. Manner in which label is affixed to product - Indicate the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 11-30-93

(A) EPA

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Application for Pesticide:

[ ] Registration
[ ] Amendment
[xx] Other

OPP Identifier Number: 210965

Section I

1. Company/Product Number: 42750-23
2. EPA Product Manager: Joanne I. Miller
3. Proposed Classification: [xx] None [ ] Restricted
4. Company/Product (Name): Albaugh MCPA Ester 4
   PM#: 23
5. Name and Address of Applicant *(Include ZIP Code)*:
   Albaugh, Inc.
   1517 N. Ankeny Blvd., Ste. A
   Ankeny, Iowa 50021
   [ ] *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

[ ] Amendment - Explain below
[xx] Resubmission in response to Agency letter dated 6-1-95.
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____.
[ ] "Me Too" Application.
[ ] Other - explain below.

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

Section III

1. **Material This Product Will Be Packaged In:**

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____
* *Certification must be submitted.*	If "Yes," Unit Package wgt. / No. per container	If "Yes," Package wgt. / No. per container	

3. Location of Net Contents Information: [ ] Label [ ] Container
4. Size(s) of Retail Container
5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product
6. Manner In Which Label Is Affixed To Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other (_____)

Section IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	601-562-3995

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.

2. Signature: Alice Walker
3. Title: Regulatory Consultant
4. Typed Name: Alice Walker, Ph.D.
5. Date: June 14, 1995
6. Date Application Received (Stamped)

Susan
361

Alice Walker, Ph.D.
REGULATORY CONSULTING • 47 COUNTRY CLUB DRIVE • SENATOBIA, MS 38668

CERTIFIED MAIL

June 14, 1995

Ms. Joanne I. Miller (PM 23)
U.S. Environmental Protection Agency
Office of Pesticide Programs
Registration Division (H7505C)
401 M Street, S.W.
Washington, D.C. 20460

Re: Precautionary Labeling
Albaugh MCPA Ester 4 (EPA Reg. No. 42750-23)
Your Letter Dated June 1, 1995

Dear Ms. Miller:

I am in receipt of your letter dated June 1, 1995 which describes an inconsistency between the precautionary labeling and the acute toxicity profile for Albaugh MCPA Ester 4. It appears that acute toxicity data were submitted by Agrolinz just prior to the transfer of the label to Albaugh. These data were reviewed by the Agency and a letter dated October 15, 1992 asked Agrolinz to revise their label in accordance with the review. However, EPA's instructions were not transferred to Albaugh. It is now Albaugh's intention to incorporate the changes requested in the Agency's letter to Agrolinz. These changes will include not only revised precautionary labeling but also revised WPS language.

For your convenience, we are providing the list below summarizing label changes:

1. Added the substatement, "contains petroleum distillates," to the ingredient section.

2. Downgraded the signal word from WARNING to CAUTION.

3. Deleted the Spanish statement.

4. Revised IF ON SKIN and IF INHALED in accordance with EPA's 1992 letter. Revised IF SWALLOWED to be consistent with the Label Review Manual. The Manual, published Dec. 27, 1994, should supersede the 1992 instructions.

5. Revised the "Hazards to Humans and Domestic Animals" section.

6. Under the heading "Personal Protective Equipment," we have changed "coveralls over short-sleeved shirt and short pants" to "long-sleeved shirt and long pants;" we have removed "chemical-resistant footwear plus socks" and substituted "shoes plus socks;" we have deleted the chemical-resistant headgear

Phone 601 562-5995 • Fax 601 562-7404

and apron requirement. Also removed is the sentence, "Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate." This WPS language is appropriate for products in toxicity category I and II. MCPA Ester 4 is in toxicity category III.

7. PPE for early entry has been revised as follows: "coveralls over short-sleeved shirt and short pants" has been changed to "long-sleeved shirt and long pants;" we have removed "chemical-resistant footwear plus socks" and substituted "shoes plus socks;" we have deleted the requirement for chemical-resistant headgear.

We trust you will find our revisions consistent with all of EPA's labeling improvement programs. However, should any questions arise during your review, please do not hesitate to call.

Thank you for your earliest response. We are eager to correct this matter and print revised labeling.

Sincerely,

Alice Walker

Alice Walker, Ph.D.
Regulatory Consultant

/s
Enclosures
cc: Mr. Greg Mulhall, Albaugh
Steve Rogosheske, Terra

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Ms. Alice Walker
Albaugh Chemical Corp.
728 S.E. Creekview
Ankeny, IA 50021

JUN 1 1995

Dear Ms. Walker:

SUBJECT: Precautionary Labeling
MCPA Ester 4
EPA Registration No. 42750-23

It has come to our attention that the precautionary labeling for the Albaugh product, MCPA Ester 4, is inconsistent with its acute toxicity profile. Prior to the transfer of this product to Albaugh in early 1993, EPA completed a review of acute toxicity studies submitted by the previous registrant, Agrolinz, Inc. The results of the studies indicate the following acute toxicity categories for this product:

STUDY	TOXICITY CATEGORY
Acute Oral Toxicity	III
Acute Dermal Toxicity	III
Acute Inhalation Toxicity	III
Primary Eye Irritation	IV
Primary Dermal Irritation	IV
Dermal Sensitization	Not a sensitizer

Copies of the toxicology review, dated 10/5/92, and the Agency's letter to Agrolinz, Inc., dated October 15, 1992, asking the company to revise the product labeling to reflect the above toxicity profile, are attached. Please submit 5 (five) copies of draft labeling for the subject product, incorporating the changes indicated in the October 15, 1992 letter, within 30 days. Although not specifically mentioned in the letter, you should also change the signal word from "Warning" to "Caution" to reflect the overall toxicity III category.

Please note that some of the labeling requirements in the October 15 letter have been superseded by the requirements of the Worker Protection Standard (WPS). The statements that are highlighted in yellow on the enclosed copy of the letter are no longer required under Hazards to Humans and Domestic Animals,

RD:STANTON:PM Team 23:Rm. 235:305-5218:Disk #1:S487891.LET

CONCURRENCES

SYMBOL ▸	7505C							
SURNAME ▸	S. Stanton							
DATE ▸	May 30, 1995							

EPA Form 1320-1 (12-70) OFFICIAL FILE COPY

since this information should now be incorporated in the User Safety Recommendations and Personal Protective Equipment sections of the WPS labeling. You should verify that the statements in these sections are consistent with the toxicity profile for the subject product.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosures

File

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

JAN 14 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Alice Walker
ALBAUGH CHEMICAL CORP.
728 S.E. Creekview
Ankeny, IA 50021

Subject: Label Amendment Submission of 07/23/93 in Response to PR Notice 93-7
EPA Reg. No. 42750-23
MCPA ESTER 4

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**. 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:

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

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

ACCEPTED
with COMMENTS
In EPA Letter Dated
JAN 14 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 42750-23

ALBAUGH, INC.

MCPA ESTER 4

HERBICIDE

FOR SELECTIVE CONTROL OF CERTAIN WEEDS
IN WHEAT, OATS, BARLEY, RYE, GRASSLAND
AND IN NON-CROP AREAS

ACTIVE INGREDIENT:
Isooctyl ester of 2 methyl-4-chlorophenoxyacetic acid*.....69.7%
INERT INGREDIENTS:.....30.3%
TOTAL.....100.0%

* Equivalent to 44.7% of 2-methyl-4-chlorophenoxyacetic acid isomer specific of not less than 3.7 pounds of 2-methyl-4-chlorophenoxyacetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.

EPA Reg. No. 42750-23 EPA Est. No. 42545-MO-1

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

~~PRECAUCION AL USUARIO: Si usted no lee ingles, 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).

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Contains mineral spirits. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

IF ON SKIN: Wash with soap and water.

IF IN EYES: Flush with plenty of water for 15 minutes and get medical attention.

NOTE TO ATTENDING PHYSICIAN: May cause chemical pneumonitis if aspirated. If lavage is performed, suggest endotracheal and/or esophagoscopic control.

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

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return **unopened** package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

PRECAUTIONARY STATEMENTS
WARNING
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Do not breathe vapors or spray mist. ~~Mixers/loaders or applicators are required to use face shields or goggles.~~

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear coveralls over short-sleeved shirt and short pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, chemical-resistant footwear plus socks, protective eyewear, chemical-resistant headgear for overhead exposure, and chemical-resistant apron when cleaning equipment, mixing, or loading.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. 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.

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.

ENVIRONMENTAL HAZARDS

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 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.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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.

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 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 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 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, is coveralls over short-sleeved shirt and short pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, chemical-resistant footwear plus socks, protective eyewear, and chemical-resistant headgear for overhead exposure.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

~~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. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

DISPOSAL

PESTICIDE DISPOSAL: Wastes resulting form 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, it allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTROLS THESE AND OTHER WEEDS

SUSCEPTIBLE (MOST AREAS)

Annual sowthistle
Beggarticks
Cocklebur
Dragonhead mint
Field peppergrass
Goatsbeard
Hempnettle
Lambsquarters (goosefoot)
Marshelder
Mustards (annual)
Poison hemlock
Puncturevine
Ragweed
Shepherdspurse
Stinkweed (pennycress, fanweed)
Wild radish
Yellow rocket or wintercress

LESS SUSCEPTIBLE

Buttercups
Canada thistle
Chervil
Dandelions
Kochia
Miner's lettuce
Perennial sow
Plantains
Purslane
Russian pigweed
Stinging nettle
Sunflower
Vetch
White top or hoary cress

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of LV4-MCPA and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. 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 isooctyl ester by aerial application in the vicinity of sugar beets. Do not apply MCPA isooctyl ester around houses, recreation sites, or similar areas.

AMOUNT OF SPRAY TO APPLY

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 spray from boot to dough stage.

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.

FLAX

Use 1/4 to 1/2 pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. IF Canada Thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result.

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.

GRASSES

ESTABLISHED GRASSLAND - Use 1 to 3 pints per acre in sufficient water (10 to 100) by airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. 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.

GRASSES: (Grown for seed: aerial and surface applications): Use 1 to 2 pints per acre, the 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: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES

Canada Thistle, White Top and Meadow Buttercup - For spot treatment, use 1/4 pint to 3 to 4 gallons of water, or 3/4 gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

GENERAL INFORMATION

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station weed specialists for specific recommendations for local weed problems and for information on possible lower dosages. 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 herewith. Do not apply this product through any type of irrigation system.

WARRANTY LIMITATIONS AND DISCLAIMER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the DIRECTIONS FOR USE when used under normal conditions. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.
When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify seller, in writing, of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of seller will be one of the following, at the election of the seller:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations and Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.

Manufactured by:

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

Alice Walker, Ph.D.
REGULATORY CONSULTING • 47 COUNTRY CLUB DRIVE • SENATOBIA, MS 38668

July 23, 1993
(Date)

U. S. Environmental Protection Agency
Worker Protection Standard
P. O. Box 9800
McLean, VA 22102

RE: Product Name: MCPA Ester 4 (EPA Reg. No. 42750-23)

Dear Sir or Madam:

Enclosed please find the following documents in response to the Worker Protection Standard for the above referenced product.

(1) Form 8570-1,
(2) Certification of no changes,
(3) Acute toxicity categories, and
(4) Five (5) copies of proposed amended labeling, highlighting statements added and striking through deletions.

If additional information is needed, please do not hesitate to contact me.

Sincerely,

Alice Walker

Alice Walker, Ph.D.
Regulatory Consultant

/s
Enclosures

Phone 601 562-5995 • Fax 601 562-7404

Please read Instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) EPA

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Application for Pesticide:

[ ] Registration
[x] Amendment
[ ] Other

OPP Identifier Number: 185989

Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
42750-23	Joanne I. Miller	[x] None [ ] Restricted
4. Company/Product (Name): MCPA Ester 4	PM#: 23	

5. Name and Address of Applicant *(Include ZIP Code)*

Albaugh, Inc.
1517 N. Ankeny Blvd.
Ankeny, Iowa 50021

[ ] *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

[ ] Amendment - Explain below
[xx] Resubmission in response to Agency letter dated _____.
[ ] Notification - Explain below.

[ ] Final printed labels in response to Agency letter dated _____.
[ ] "Me Too" Application.
[ ] Other - explain below.

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

Amendment in response to PR Notice 93-7 (WPS).

Section III

1. **Material This Product Will Be Packaged In:**

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____
	If "Yes," Unit Package wgt. / No. per container	If "Yes," Package wgt. / No. per container	

** Certification must be submitted.*

3. Location of Net Contents Information: [ ] Label [ ] Container

4. Size(s) of Retail Container

5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product

6. Manner In Which Label Is Affixed To Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other (_____)

Section IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	601-562-5995

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
Alice Walker	Regulatory Consultant
4. Typed Name	**5. Date**
Alice Walker, Ph.D.	July 23, 1993

EPA Form 8570-1 (Rev. 12-90) **Previous editions are obsolete.** White - EPA File Copy (original) Yellow - Applicant copy

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper or a mockup of the proposed label. If prepared as a mockup, it should be constructed in such a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.
Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended registration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.
Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

1. **Company/Product Number** - Insert your **Company Number**, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the **Product Number**.
2. **EPA Product Manager** - If known, fill in the name and PM number of the EPA Product Manager.
3. **Proposed Classification** - Specify the proposed classification of this product.
4. **Product Name** - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. **Name and Address of Applicant** - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. **Expedited Review** - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. **Subject of submission** - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. **Type of Packaging** - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. **Type of Retail Container** - Indicate type of container in which product will be marketed.
3. **Location of Net Contents** - Specify the net contents of all retail containers for your product.
4. **Size(s) of Retail Container** - Specify the net contents of all retail containers for your product.
5. **Location of Use Directions** - Indicate the location of the use directions for your product.
6. **Manner in which label is affixed to product** - Indicate the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) EPA

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Application for Pesticide:

[ ] Registration
[x] Amendment
[ ] Other

OPP Identifier Number: 185989

Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
42750-23	Joanne I. Miller	[x] None [ ] Restricted
4. Company/Product (Name): MCPA Ester 4	PM#: 23	

5. Name and Address of Applicant *(Include ZIP Code)*

Albaugh, Inc.
1517 N. Ankeny Blvd.
Ankeny, Iowa 50021

[ ] *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

[ ] Amendment - Explain below
[xx] Resubmission in response to Agency letter dated_____.
[ ] Notification - Explain below.

[ ] Final printed labels in response to Agency letter dated_____.
[ ] "Me Too" Application.
[ ] Other - explain below.

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

Amendment in response to PR Notice 93-7 (WPS).

Section III

1. **Material This Product Will Be Packaged In:**

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify)_____
* *Certification must be submitted.*	If "Yes," Unit Package wgt. / No. per container	If "Yes," Package wgt. / No. per container	

3. Location of Net Contents Information: [ ] Label [ ] Container

4. Size(s) of Retail Container

5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product

6. Manner In Which Label Is Affixed To Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other (_____)

Section IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	601-562-5995

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	4. Typed Name	5. Date
Alice Walker	Regulatory Consultant	Alice Walker, Ph.D.	July 23, 1993

EPA Form 8570-1 (Rev. 12-90) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant copy

CERTIFICATION STATEMENT

I certify that the revised labeling being submitted for this product is in complete accordance with the labeling requirements of PR Notice 93-7, which reflects the requirements of EPA's labeling regulations for worker protection statements (40 CFR part 156, subpart K). Where exact language is specified in the PR Notice, I have used that language exactly, in the location specified. I further certify that no revisions are being submitted other than those directed by PR Notice 93-7. I understand that it would be a violation of FIFRA if I or my supplemental registrants were to sell or distribute this product after April 21, 1994, without amended labeling complying with the requirements of 40 CFR part 156, subpart K.

ACUTE TOXICITY CATEGORIES

The acute toxicity categories (I, II, III, or IV) for this product as entered in blocks 3-7 on Part I of the Product Worksheet are:

III Acute oral toxicity

II Acute dermal toxicity

III Skin irritation potential

III Eye irritation potential

III Acute inhalation toxicity

Alice Walker 7-23-93

Alice Walker, Ph.D. (Date)
Regulatory Consultant

/s

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 14 1994

Alice Walker, Ph.D.
47 Country Club Drive
Senatobia, MS 38668

Dear Dr. Walker:

SUBJECT: Revised Basic Confidential Statements of Formula
Albaugh SEE MCPA Herbicide
EPA Registration No. 42750-25
Albaugh MCPA Ester 4
EPA Registration No. 42750-23
Your Submissions Dated March 2, 1994

The Agency has reviewed your submissions dated March 2, 1994 for revised basic Confidential Statements of Formula. The nominal concentrations agree with the label claim and are in compliance with PR Notice 91-2. Copies have been added to your files as part of the record.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

CONCURRENCES								
SYMBOL	7505C							
SURNAME	Morgan							
DATE	4/13/94							

REG. NO: 42750-23
FILE SYMBOL: _____

PRODUCT CHEMISTRY REVIEW FOR END USE PRODUCTS

TO: PM 23 [DIANNE MORGAN] PRODUCT NAMES: MCPA ESTER 4

FROM: AL SMITH

THRU: H. PODALL HP 4/8/94

APR 8 1994

CHEMICAL: MCPA, 10E

MRID NOS. _____

Food Use X Non Food Use _____

Inerts cleared: c ( ) d ( ) e ( ) yes (X) no ( )

Inerts List 1 ( ) Other ( )

Please provide the requested information for the following checked items:

1. [ ] Submit the product specific product chemistry data for your product. { } If submitted earlier, provide MRID Number(s). { } Your product is not sufficiently similar to the product your referenced.

2. In reference to the Confidential Statement of Formula (CSF), please provide the following:

   [ ] a) pH of product at a specified water dilution.

   [ ] b) Density of product.

   [ ] c) Flash point of product.

   [ ] d) Flash point of product with propellent as per item #6(q) or item #5(c).

   [ ] e) Flash extension of product including flashbacks if noted.

The Confidential Statement of Formula (CSF, EPA FORM 8570-4, dated 3/2/94) is an acceptable update for the basic formulation. No additional information is needed.

al ✓

DP BARCODE: D200908

CASE: 025101 DATA PACKAGE RECORD DATE: 03/23/94
SUBMISSION: S461130 BEAN SHEET Page 1 of 1

* * * CASE/SUBMISSION INFORMATION * * *

CASE TYPE: REGISTRATION ACTION: 345 TECH-FORMULA CHANGE AMND
RANKING : 5 POINTS ()
CHEMICALS: 030563 MCPA, isooctyl ester 69.7000%

ID#: 042750-00023 MCPA ESTER 4
COMPANY: 042750 ALBAUGH INC
PRODUCT MANAGER: 23 JOANNE MILLER 703-305-7830 ROOM: CM2 237
PM TEAM REVIEWER: DIANNE MORGAN 703-305-6217 ROOM: CM2 235
RECEIVED DATE: 03/14/94 DUE OUT DATE: 06/12/94

* * * DATA PACKAGE INFORMATION * * *

DP BARCODE: 200908 EXPEDITE: N DATE SENT: 03/23/94 DATE RET.: / /
CHEMICAL: 030563 MCPA, isooctyl ester
DP TYPE: 001 Submission Related Data Package
CSF: Y LABEL: Y

ASSIGNED TO	DATE IN	DATE OUT	ADMIN DUE DATE: 05/07/94
DIV : RD	/ /	/ /	NEGOT DATE: / /
BRAN: RSB	/ /	/ /	PROJ DATE: / /
SECT: PCRS	/ /	/ /	
REVR :	/ /	/ /	
CONTR:	/ /	/ /	

* * * DATA REVIEW INSTRUCTIONS * * *

This applicant wishes to update the basic CSF. I have enclosed the latest accepted label and basic CSF, along with a copy of the application and the proposed CSF. Please review for acceptability.

* * * DATA PACKAGE EVALUATION * * *

No evaluation is written for this data package

* * * ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION * * *

DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL

Alice Walker, Ph.D.
REGULATORY CONSULTING • 47 COUNTRY CLUB DRIVE • SENATOBIA, MS 38668

CERTIFIED MAIL

March 7, 1994

Ms. Joanne I. Miller
Product Manager (23)
U.S. Environmental Protection Agency
Office of Pesticide Programs
Registration Division (H7505C)
401 M Street, S.W.
Washington, D.C. 20460

RE: Amendment to Revise Confidential Statements of Formula

Albaugh Herbicide A-4D (EPA Reg. No. 42750-13) - Basic Formulation
Albaugh 2,4-D LV 4 (EPA Reg. No. 42750-15) - Basic & Alternate Formulation
Albaugh 2,4-D LV 6 (EPA Reg. No. 42750-20) - Basic & Alternate Formulation
Albaugh SEE ® 2,4-D (EPA Reg. No. 42750-22) - Basic & Alternate Formulation
Albaugh MCPA Ester 4 (EPA Reg. No. 42750-23) - Basic Formulation
Albaugh SEE® MCPA Herbicide (EPA Reg. No. 42750-25) - Basic Formulation

Dear Ms. Miller:

Albaugh, Inc. desires to update and have on record with EPA subject Confidential Statements of Formula.

We trust you will find this submission complete and in compliance with the requirements for amended registration under FIFRA. Should any questions arise during your review, please do not hesitate to contact me.

Thank you for your assistance.

Sincerely,

Alice Walker

Alice Walker, Ph.D.
Regulatory Consultant

/s
Enclosures
cc: Mr. Greg Mulhall

Phone 601 562-5995 • Fax 601 562-7404

Please read Instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) EPA

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Application for Pesticide:

[ ] Registration
[x] Amendment
[ ] Other

OPP Identifier Number: 200859

Section I

1. Company/Product Number: 42750-23
2. EPA Product Manager: Joanne I. Miller
3. Proposed Classification: [x] None [ ] Restricted
4. Company/Product (Name): Albaugh MCPA Ester 4
   PM#: 23
5. Name and Address of Applicant *(Include ZIP Code)*:
   Albaugh, Inc.
   1517 N. Ankeny Blvd., Ste. A
   Ankeny, Iowa 50021
   [ ] *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

[x] Amendment - Explain below
[ ] Resubmission in response to Agency letter dated _____
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[ ] Other - explain below.

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

Updated Confidential Statement of Formula

Section III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging: [ ] Yes* [ ] No
** Certification must be submitted.*

Unit Packaging: [ ] Yes [ ] No
If "Yes," Unit Package wgt. ____ No. per container ____

Water Soluble Packaging: [ ] Yes [ ] No
If "Yes," Package wgt. ____ No. per container ____

2. Type of Container: [ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____

3. Location of Net Contents Information: [ ] Label [ ] Container

4. Size(s) of Retail Container

5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product

6. Manner In Which Label Is Affixed To Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other (_____)

Section IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	601-562-5995

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.

2. Signature: Alice Walker
3. Title: Regulatory Consultant
4. Typed Name: Alice Walker, Ph.D.
5. Date: March 7, 1994
6. Date Application Received (Stamped)

EPA Form 8570-1 (Rev. 12-90) **Previous editions are obsolete.** White - EPA File Copy (original) Yellow - Applicant copy

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper or a mockup of the proposed label. If prepared as a mockup, it should be constructed in such a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.
Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended registration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.
Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

1. **Company/Product Number** - Insert your **Company Number**, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the **Product Number**.
2. **EPA Product Manager** - If known, fill in the name and PM number of the EPA Product Manager.
3. **Proposed Classification** - Specify the proposed classification of this product.
4. **Product Name** - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. **Name and Address of Applicant** - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. **Expedited Review** - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. **Subject of submission** - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. **Type of Packaging** - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. **Type of Retail Container** - Indicate type of container in which product will be marketed.
3. **Location of Net Contents** - Specify the net contents of all retail containers for your product.
4. **Size(s) of Retail Container** - Specify the net contents of all retail containers for your product.
5. **Location of Use Directions** - Indicate the location of the use directions for your product.
6. **Manner in which label is affixed to product** - Indicate the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

Please read Instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) EPA

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Application for Pesticide:

- [ ] Registration
- [x] Amendment
- [ ] Other

OPP Identifier Number: 200859

Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
42750-23	Joanne I. Miller	[x] None [ ] Restricted
4. Company/Product (Name): Albaugh MCPA Ester 4	PM#: 23	

5. Name and Address of Applicant *(Include ZIP Code)*

Albaugh, Inc.
1517 N. Ankeny Blvd., Ste. A
Ankeny, Iowa 50021

[ ] *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

- [x] Amendment - Explain below
- [ ] Resubmission in response to Agency letter dated _____.
- [ ] Notification - Explain below.
- [ ] Final printed labels in response to Agency letter dated _____.
- [ ] "Me Too" Application.
- [ ] Other - explain below.

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

Updated Confidential Statement of Formula

Section III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____
	If "Yes," Unit Package wgt. / No. per container	If "Yes," Package wgt. / No. per container	

** Certification must be submitted.*

3. Location of Net Contents Information: [ ] Label [ ] Container

4. Size(s) of Retail Container

5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product

6. Manner In Which Label Is Affixed To Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other (_____)

Section IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	601-562-5995

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.

2. Signature	3. Title
Alice Walker	Regulatory Consultant
4. Typed Name	**5. Date**
Alice Walker, Ph.D.	March 7, 1994

6. Date Application Received (Stamped)

EPA Form 8570-1 (Rev. 12-90) **Previous editions are obsolete.** White - EPA File Copy (original) Yellow - Applicant copy

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

03/16/94

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

ALICE WALKER, PH.D.
ALBAUGH INC
1517 N ANKENY BLVD SUITE A
ANKENY IA 50021

PRODUCT NAME: ALBAUGH MCPA ESTER 4
COMPANY NAME: ALBAUGH INC
OPP IDENTIFICATION NUMBER: 200859
EPA REGISTRATION NUMBER: 42750-23
EPA RECEIPT DATE: 03/14/94

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application qualifies for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability.

If you have any questions, please contact Joanne Miller, Product Manager 23, at (703)-305-7830.

Sincerely,

J. Wrice

Front End Processing Staff
Information Services Branch
Program Management and Support Division

Recycled/Recyclable
Printed on paper that contains at least 75% recycled fiber

Alice Walker, Ph.D.
REGULATORY CONSULTING • 47 COUNTRY CLUB DRIVE • SENATOBIA, MS 38668

February 26, 1994

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

RE: MCPA Ester 4 (EPA Reg. No. 42750-23)
FINAL PRINTED LABELING IN RESPONSE TO PR NOTICE 93-7

Gentlemen:

Regarding subject product, on January 14, 1994, the Agency accepted labeling changes that were necessary to comply with the Worker Protection Standard. In accordance with EPA's requirements to submit one (1) copy of final printed labeling before selling or distributing the product, enclosed please find finished label for MCPA Ester 4.

Sincerely,

Alice Walker

Alice Walker, Ph.D.
Regulatory Consultant

/s
Enclosures
cc: Greg Mulhall

Phone 601 562-5995 • Fax 601 562-7404

ALBAUGH

SPECIMEN LABEL

MCPA ESTER 4

HERBICIDE FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:
Isooctyl ester of 2 methyl-4-chlorophenoxyacetic acid* 69.7%
INERT INGREDIENTS:..... 30.3%
TOTAL.....100.00%

*Equivalent to 44.7% of 2-methyl-4-chlorophenoxyacetic acid isomer specific of not less than 3.7 pounds of 2-methyl-4-chlorophenoxyacetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.

EPA Reg. No. 42750-23

EPA Est. No. 42750-MO-1

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

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 SWALLOWED: Contains mineral spirits. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.
IF ON SKIN: Wash with soap and water.
IF IN EYES: Flush with plenty of water for 15 minutes and get medical attention.
NOTE TO ATTENDING PHYSICIAN: May cause chemical pneumonitis if aspirated. If lavage is performed, suggest endotracheal and/or esophagoscopic control.

See additional Precautionary Statements on left side panel of page two.

Manufactured by:

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

NET CONTENTS:
_____ GALS.
_____ LITERS.

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

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return **unopened** package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear coveralls over short-sleeved shirt and short pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, chemical-resistant footwear plus socks, protective eyewear, chemical-resistant headgear for overhead exposure, and chemical-resistant apron when cleaning equipment, mixing, or loading.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. 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.

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.

ENVIRONMENTAL HAZARDS

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 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 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.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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.

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 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 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 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, is coveralls over short-sleeved shirt and short pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, chemical-resistant footwear plus socks, protective eyewear, and chemical-resistant headgear for overhead exposure.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

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. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

DISPOSAL

PESTICIDE DISPOSAL: Wastes resulting form 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.

CONTROLS THESE AND OTHER WEEDS

SUSCEPTIBLE (MOST AREAS)

Annual sowthistle	Lambsquarters (goosefoot)	Shepherdspurse
Beggarticks	Marshelder	Stinkweed (pennycress, fanweed)
Cocklebur	Mustards (annual)	Wild radish
Dragonhead mint	Poison hemlock	Yellow rocket or wintercress
Field peppergrass	Puncturevine	
Goatsbeard	Ragweed	
Hempnettle		

LESS SUSCEPTIBLE

Buttercups	Miner's lettuce	Stinging nettle
Canada thistle	Perennial sow	Sunflower
Chervil	Plantains	Vetch
Dandelions	Purslane	White top or hoary cress
Kochia	Russian pigweed	

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of MCPA Ester 4 and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. 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 isooctyl ester by aerial application in the vicinity of sugar beets. Do not apply MCPA isooctyl ester around houses, recreation sites, or similar areas.

AMOUNT OF SPRAY TO APPLY

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 spray from boot to dough stage. 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.

FLAX: Use 1/4 to 1/2 pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada Thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result. 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.

GRASSES

ESTABLISHED GRASSLAND: Use 1 to 3 pints per acre in sufficient water (10 to 100 gallons) by airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall when actively growing. 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.

GRASSES GROWN FOR SEED (aerial and surface applications): Use 1 to 2 pints per acre, the 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:** For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES: Canada Thistle, White Top and Meadow Buttercup - For spot treatment, use 1/4 pint to 3 to 4 gallons of water, or 3/4 gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

GENERAL INFORMATION

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station weed specialists for specific recommendations for local weed problems and for information on possible lower dosages. 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 herewith. Do not apply this product through any type of irrigation system.

WARRANTY LIMITATIONS AND DISCLAIMER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the DIRECTIONS FOR USE when used under normal conditions. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify seller, in writing, of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of seller will be one of the following, at the election of the seller:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations and Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.

Manufactured by:

ALBAUGH, INC

1517 N. Ankeny Blvd., Ankeny, Iowa 50021

Rev. 12/1/93

Please read Instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) EPA

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Application for Pesticide:

[ ] Registration
[ ] Amendment
[xx] Other

OPP Identifier Number: 185706

Section I

1. Company/Product Number: 42750-23	2. EPA Product Manager: Joanne I. Miller	3. Proposed Classification: [x] None [ ] Restricted
4. Company/Product (Name): MCPA Ester 4	PM#: 23	
5. Name and Address of Applicant *(Include ZIP Code)*: Albaugh, Inc. 1517 N. Ankeny Blvd. Ankeny, Iowa 50021 [ ] *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

[ ] Amendment - Explain below
[ ] Resubmission in response to Agency letter dated ____
[xx] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated ____
[ ] "Me Too" Application.
[ ] 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.

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

Section III

1. **Material This Product Will Be Packaged In:**

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) ____
* ***Certification must be submitted.***	If "Yes," Unit Package wgt. / No. per container	If "Yes," Package wgt. / No. per container	

3. Location of Net Contents Information: [ ] Label [ ] Container
4. Size(s) of Retail Container
5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product
6. Manner In Which Label Is Affixed To Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other (____)

Section IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	601-562-5995

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: Alice Walker	3. Title: Regulatory Consultant
4. Typed Name: Alice Walker, Ph.D.	5. Date: June 1, 1993

EPA Form 8570-1 (Rev. 12-90) **Previous editions are obsolete.** White - EPA File Copy (original) Yellow - Applicant copy

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper or a mockup of the proposed label. If prepared as a mockup, it should be constructed in such a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.
Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended registration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.
Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

1. **Company/Product Number** - Insert your **Company Number**, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the **Product Number**.
2. **EPA Product Manager** - If known, fill in the name and PM number of the EPA Product Manager.
3. **Proposed Classification** - Specify the proposed classification of this product.
4. **Product Name** - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. **Name and Address of Applicant** - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. **Expedited Review** - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. **Subject of submission** - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. **Type of Packaging** - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. **Type of Retail Container** - Indicate type of container in which product will be marketed.
3. **Location of Net Contents** - Specify the net contents of all retail containers for your product.
4. **Size(s) of Retail Container** - Specify the net contents of all retail containers for your product.
5. **Location of Use Directions** - Indicate the location of the use directions for your product.
6. **Manner in which label is affixed to product** - Indicate the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

Please read Instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) EPA

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Application for Pesticide:

[ ] Registration
[ ] Amendment
[xx] Other

OPP Identifier Number: 185706

Section I

1. Company/Product Number: 42750-23
2. EPA Product Manager: Joanne, I. Miller
3. Proposed Classification: [x] None [ ] Restricted
4. Company/Product (Name): MCPA Ester 2
   PM#: 23
5. Name and Address of Applicant *(Include ZIP Code)*:
   Albaugh, Inc.
   1517 N. Ankeny Blvd.
   Ankeny, Iowa 50021
   [ ] *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

[ ] Amendment - Explain below
[ ] Resubmission in response to Agency letter dated _____.
[xx] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____.
[ ] "Me Too" Application.
[ ] 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.

7/1/93

Section III

1. **Material This Product Will Be Packaged In:**

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes*	[ ] Yes	[ ] Yes	[ ] Metal
[ ] No	[ ] No	[ ] No	[ ] Plastic
	If "Yes," Unit Package wgt. / No. per container	If "Yes," Package wgt. / No. per container	[ ] Glass
			[ ] Paper
			[ ] Other (Specify) _____

* ***Certification must be submitted.***

3. Location of Net Contents Information: [ ] Label [ ] Container
4. Size(s) of Retail Container
5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product
6. Manner In Which Label Is Affixed To Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other (_____)

Section IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Alice Walker, Ph.D.	Regulatory Consultant	601-562-5995

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: Alice Walker
3. Title: Regulatory Consultant
4. Typed Name: Alice Walker, Ph.D.
5. Date: June 1, 1993

EPA Form 8570-1 (Rev. 12-90) **Previous editions are obsolete.** White - EPA File Copy (original) Yellow - Applicant copy

ALBAUGH, INC.

MCPA ESTER 4

HERBICIDE

FOR SELECTIVE CONTROL OF CERTAIN WEEDS
IN WHEAT, OATS, BARLEY, RYE, GRASSLAND
AND IN NON-CROP AREAS

ACTIVE INGREDIENT:
Isooctyl ester of 2 methyl-4-chlorophenoxyacetic acid*.....69.7%
INERT INGREDIENTS:.....30.3%
TOTAL.....100.0%

* Equivalent to 44.7% of 2-methyl-4-chlorophenoxyacetic acid isomer specific of not less than 3.7 pounds of 2-methyl-4-chlorophenoxyacetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.

EPA Reg. No. 42750-23 EPA Est. No. 42545-MO-1

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

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: Contains mineral spirits. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

IF ON SKIN: Wash with soap and water.

IF IN EYES: Flush with plenty of water for 15 minutes and get medical attention.

NOTE TO ATTENDING PHYSICIAN: May cause chemical pneumonitis if aspirated. If lavage is performed, suggest endotracheal and/or esophagoscopic control.

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

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 86-1
DATE 7/1/93

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return **unopened** package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Do not breathe vapors or spray mist. Mixers/loaders or applicators are required to use face shields or goggles.

ENVIRONMENTAL HAZARDS

For terestrial 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 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.

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. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

DISPOSAL

PESTICIDE DISPOSAL: Wastes resulting form 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, it allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTROLS THESE AND OTHER WEEDS

SUSCEPTIBLE (MOST AREAS)

Annual sowthistle
Beggarticks
Cocklebur
Dragonhead mint
Field peppergrass
Goatsbeard
Hempnettle
Lambsquarters (goosefoot)
Marshelder
Mustards (annual)
Poison hemlock
Puncturevine
Ragweed
Shepherdspurse
Stinkweed (pennycress, fanweed)
Wild radish
Yellow rocket or wintercress

LESS SUSCEPTIBLE

Buttercups
Canada thistle
Chervil
Dandelions
Kochia
Miner's lettuce
Perennial sow
Plantains
Purslane
Russian pigweed
Stinging nettle
Sunflower
Vetch
White top or hoary cress

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of LV4-MCPA and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. 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 isooctyl ester by aerial application in the vicinity of sugar beets. Do not apply MCPA isooctyl ester around houses, recreation sites, or similar areas.

AMOUNT OF SPRAY TO APPLY

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 spray from boot to dough stage.

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.

FLAX

Use 1/4 to 1/2 pint per acre. Apply by ground sprayer or by airplane. Apply only

when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. IF Canada Thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result.

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.

GRASSES

ESTABLISHED GRASSLAND - Use 1 to 3 pints per acre in sufficient water (10 to 100) by airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. 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.

GRASSES: (Grown for seed: aerial and surface applications): Use 1 to 2 pints per acre, the 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: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES

Canada Thistle, White Top and Meadow Buttercup - For spot treatment, use 1/4 pint to 3 to 4 gallons of water, or 3/4 gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

GENERAL INFORMATION

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station weed specialists for specific recommendations for local weed problems and for information on possible lower dosages. 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 herewith. Do not apply this product through any type of irrigation system.

WARRANTY LIMITATIONS AND DISCLAIMER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict

accordance with the DIRECTIONS FOR USE when used under normal conditions. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.
When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify seller, in writing, of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of seller will be one of the following, at the election of the seller:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations and Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.

Manufactured by:

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

ALBAUGH, INC.

MCPA ESTER 4

HERBICIDE

FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:
Isooctyl ester of 2 methyl-4-chlorophenoxyacetic acid*.....69.7%
INERT INGREDIENTS:.....30.3%
TOTAL.....100.0%

* Equivalent to 44.7% of 2-methyl-4-chlorophenoxyacetic acid isomer specific of not less than 3.7 pounds of 2-methyl-4-chlorophenoxyacetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.

EPA Reg. No. 42750-23 EPA Est. No. 42545-MO-1

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

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: Contains mineral spirits. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

IF ON SKIN: Wash with soap and water.

IF IN EYES: Flush with plenty of water for 15 minutes and get medical attention.

NOTE TO ATTENDING PHYSICIAN: May cause chemical pneumonitis if aspirated. If lavage is performed, suggest endotracheal and/or esophagoscopic control.

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

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return **unopened** package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Do not breathe vapors or spray mist. Mixers/loaders or applicators are required to use face shields or goggles.

ENVIRONMENTAL HAZARDS

For terestrial 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 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.

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. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

DISPOSAL

PESTICIDE DISPOSAL: Wastes resulting form 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, it allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTROLS THESE AND OTHER WEEDS

SUSCEPTIBLE (MOST AREAS)

Annual sowthistle
Beggarticks
Cocklebur
Dragonhead mint
Field peppergrass
Goatsbeard
Hempnettle
Lambsquarters (goosefoot)
Marshelder
Mustards (annual)
Poison hemlock
Puncturevine
Ragweed
Shepherdspurse
Stinkweed (pennycress, fanweed)
Wild radish
Yellow rocket or wintercress

LESS SUSCEPTIBLE

Buttercups
Canada thistle
Chervil
Dandelions
Kochia
Miner's lettuce
Perennial sow
Plantains
Purslane
Russian pigweed
Stinging nettle
Sunflower
Vetch
White top or hoary cress

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of LV4-MCPA and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. 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 isooctyl ester by aerial application in the vicinity of sugar beets. Do not apply MCPA isooctyl ester around houses, recreation sites, or similar areas.

AMOUNT OF SPRAY TO APPLY

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 spray from boot to dough stage.

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.

FLAX

Use 1/4 to 1/2 pint per acre. Apply by ground sprayer or by airplane. Apply only

when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. IF Canada Thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result.

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.

GRASSES

ESTABLISHED GRASSLAND - Use 1 to 3 pints per acre in sufficient water (10 to 100) by airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. 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.

GRASSES: (Grown for seed: aerial and surface applications): Use 1 to 2 pints per acre, the 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: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES

Canada Thistle, White Top and Meadow Buttercup - For spot treatment, use 1/4 pint to 3 to 4 gallons of water, or 3/4 gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

GENERAL INFORMATION

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station weed specialists for specific recommendations for local weed problems and for information on possible lower dosages. 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 herewith. Do not apply this product through any type of irrigation system.

WARRANTY LIMITATIONS AND DISCLAIMER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict

accordance with the DIRECTIONS FOR USE when used under normal conditions. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.
When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify seller, in writing, of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of seller will be one of the following, at the election of the seller:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations and Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.

Manufactured by:

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

dvelyn
T.S.93-005

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

FEB 18 1993

OFFICE OF PESTICIDES AND TOXIC SUBSTANCES

Dennis Albaugh
ALBAUGH, INC.
728 S.E. Creekview Drive
Ankeny, Iowa 50021

Subject: Transfer of Pesticide Registrations From Company Number 42545 to 42750

Dear Mr. Albaugh:

Pursuant to your request in your letter and agreement of January 6, 1993, we have approved the transfer of the following registrations from AGROLINZ, INC., company number 42545, to ALBAUGH, INC., company number 42750.

The effective date of these changes is January 22, 1993.

Registered Products	Common Chemical Name	Old EPA Reg. No.	New EPA Reg. No.
MCPA Amine 4 Herbicide	Dimethylamine 2-methyl-4-chlorophen oxyacetate	42545-18	42750-14
2,4-D LV4	Acetic Acid, (2,4-dichlorophenoxy)-, 2-ethylhexyl ester	42545-27	42750-15
Rhodia 2,4-D Gran 20	" " "	42545-29	42750-16
Visko Rhap 2D	" " "	42545-32	42750-17
Visko Rhap Low Volatile 2 DP	Isooctyl 2-(2,4-dichlorophenoxy) Proprionate	42545-34	42750-18
2,4-D Amine No.4	Dimethylamine 2,4-dichlorophenoxyacetate	42545-37	42750-19

Printed on Recycled Paper

Registered Products	Common Chemical Name	Old EPA Reg No.	New EPA Reg. No.
2,4-D LV6 Herbicide	Acetic Acid	42545-38	42750-20
2,4-D Amine No. 6	Dimethylamine 2,4-dichlorophenoxyacetate	42545-39	42750-21
2,4D LV4 Solventless	Acetic Acid	42545-43	42750-22
MCPA ESTER 4	Isooctyl 2-methyl-4-chlorophenoxyacetate	42545-44	42750-23
MCPA Sodium Salt	Sodium 2-methyl-4-Chlorophenoxyacetate	42545-45	42750-24
See MCPA	Issoctyl 2-methyl-4-chlorophenoxyacetate	42545-47	42750-25

The effective date of issuance of the new EPA registration number is January 22, 1993. You should indicate the new company designation and new EPA Reg. No. on the labeling at the next printing. If you intend to use the labels which currently appear on the transferor's product after the effective date of the transfer, you must maintain complete and accurate records which identify by batch number, lot number or other suitable description the quantities of such product bearing the transferor's label. Each container or package bearing the transferor's label which is released after the effective date of product registration transfer, must be clearly and accurately marked with the batch number, lot number or other descriptive designation used to identify the product in your records.

You are required to contact your local EPA Regional Office to determine what effect this transfer of pesticide registrations has on the pesticide production establishment registration.

It will not be necessary to submit labeling for review if the only changes are in the company designation and the EPA Reg. No. Other changes in the product and/or labeling may require EPA review and approval prior to initiation. In any correspondence on these products always refer to the U.S. EPA Reg. No. listed above.

The transferred registration will have the same status under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, 7 USC 136 et seq., as they had prior to the approval of this transfer.

When registrations are transferred from one company to a second company, all restrictions, data requirements, conditions (suspensions), and deadlines existing on the registrations are transferred with the registrations. The new company is responsible for adhering to or complying with all such restrictions, etc. on the acquired products.

In regard to deadlines, the transferee company is responsible for submitting all required data according to the schedules already established for the acquired products. Failure to do so will result in the issuance of a Notice of Intent to Suspend. Requests from transferee companies for additional time to submit because they acquired the registration(s) after the 3(c)(2)(B) request was issued will not be granted. If a transferee company has other valid reasons for delays in the testing which were clearly outside of their control, then such requests for time extensions will be considered in accordance with the established procedures. Transfers occurring while a 3(c)(2)(B) request is being issued or during the 90-day response time are subject to the same conditions expressed above.

Registration is in no way to be construed as an endorsement or approval of these products 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 FIFRA.

Furthermore, the transfer of the subject registrations is approved under the condition that the annual maintenance fee obligation has been fully satisfied. The maintenance fee is determined based solely on the total number of active sec. 3 and sec. 24(c) registrations held by the transferor. If the annual maintenance fee has not been fully satisfied, the transferee and transferor will be notified to comply within a specified time period or the affected registrations may be cancelled.

By copy of this letter we are informing AGROLINZ, INC. of these changes.

Sincerely,

James A. Tompkins
Acting Section Head for
Administrative Processing Section
Registration Support Branch
Registration Division (H7505C)

cc: AGROLINZ, INC.

RECORD OF COMMUNICATION	☒ PHONE CALL ☐ DISCUSSION ☐ FIELD TRIP ☐ CONFERENCE ☐ OTHER (SPECIFY) (Record of item checked above)	
TO: Robert Fisher Agrolinz Inc.	FROM: Joanne Miller EPA/PM-23	DATE 12/3/92 TIME 2:30 PM

SUBJECT: Submission of final printed labeling for EPA Reg. # 42545-44.

SUMMARY OF COMMUNICATION

This product is currently not being marketed. Agrolinz is negotiating with another registrant (Albaugh Chemical) for the transfer of this product's registration to Albaugh. Mr. Fisher will keep me posted on the situation regarding this product's status.

CONCLUSIONS, ACTION TAKEN OR REQUIRED

Await notification from Agrolinz on marketing status of this product.

INFORMATION COPIES TO:

EPA Form 1300-6 (7-72) REPLACES EPA HQ FORM 5300-3 WHICH MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

RECORD OF COMMUNICATION	☐ PHONE CALL ☐ DISCUSSION ☐ FIELD TRIP ☐ CONFERENCE ☐ OTHER (SPECIFY) (Record of item checked above)	
TO: Robert Fisher Agrolinz Inc.	FROM: Joanne Miller EPA/PM-23	DATE 12/3/92 TIME 3:30 PM

SUBJECT: Submission of final printed labeling for EPA Reg #43545-442

SUMMARY OF COMMUNICATION

This product is currently not being marketed. Agrolinz is negotiating with another registrant (Albaugh Chemical) for the transfer of this product's registration to Albaugh. Mr. Fisher will keep me posted on the situation regarding this product's status.

CONCLUSIONS, ACTION TAKEN OR REQUIRED

Await notification from Agrolinz on marketing status of this product.

INFORMATION COPIES TO:

EPA Form 1300-6 (7-72) REPLACES EPA HQ FORM 5300-3 WHICH MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

RECORD OF COMMUNICATION	☐ PHONE CALL ☐ DISCUSSION ☐ FIELD TRIP ☐ CONFERENCE ☐ OTHER (SPECIFY) (Record of item checked above)	
TO: Robert Fisher Agrolinz Inc	FROM: Jennie Miller ECA/CAP-23	DATE [illegible] TIME [illegible]

SUBJECT

Submission of final printed labeling for [illegible]

SUMMARY OF COMMUNICATION

This product is currently not being marketed. Agrolinz is negotiating with another registrant (Albaugh Chemicals) for the transfer of this product's registration to Albaugh. Mr. Fisher will keep me posted on the situation regarding this product's status.

CONCLUSIONS, ACTION TAKEN OR REQUIRED

Await notification to Agrolinz on marketing status of this product.

INFORMATION COPIES

TO:

EPA Form 1300-6 (7-72) REPLACES EPA HQ FORM 5300-3 WHICH MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

RECORD OF COMMUNICATION	☐ PHONE CALL ☐ DISCUSSION ☐ FIELD TRIP ☐ CONFERENCE ☐ OTHER (SPECIFY) (Record of item checked above)	
TO:	FROM:	DATE TIME
SUBJECT		
SUMMARY OF COMMUNICATION		
CONCLUSIONS, ACTION TAKEN OR REQUIRED		
INFORMATION COPIES TO:		

EPA Form 1300-6 (7-72) REPLACES EPA HQ FORM 5300-3 WHICH MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

UNITED STATES POSTAL SERVICE

OFFICIAL BUSINESS

SENDER INSTRUCTIONS

Print your name, address and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

U.S. MAIL

PENALTY FOR PRIVATE USE, $300

RETURN TO

Print Sender's name, address, and ZIP Code in the space below.

U.S. E.P.A.
401 M Street, S.W.
Washington, D.C. 20460

ATTN: Joanne Miller PM-23

(H7505C)

42545-44

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. *(Extra charge)*
2. ☐ Restricted Delivery *(Extra charge)*

3. Article Addressed to:

Mr. J. R. Fisher
Agrolinz, Inc.
1755 N. Kirby Parkway
Suite 300
Memphis, TN 38120

4. Article Number

20867

Type of Service:

- ☐ Registered
- ☒ Certified
- ☐ Express Mail
- ☐ Insured
- ☐ COD
- ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Addressee

X

6. Signature — Agent

X

7. Date of Delivery 11-30-92

8. Addressee's Address *(ONLY if requested and fee paid)*

PS Form **3811**, Apr. 1989 ★U.S.G.P.O. 1989-238-815 **DOMESTIC RETURN RECEIPT**

27 OCT 1992

Mr. J. R. Fisher
Agrolinz, Inc.
1755 N. Kirby Parkway, Suite 300
Memphis, TN 38120

Dear Mr. Fisher:

Subject: Agrolinz MCPA Ester 4
EPA Registration No. 42545-44

In our letter of October 15, 1992, in which we accepted some labeling changes with comments, we indicated that you should submit five (5) draft copies of the labeling incorporating the changes. However, final printed copies of the labeling is required. Please submit five copies of the final printed labeling within 30 days of receipt of this letter.

Thank you.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

H7505C:Mayes:jem:Rm235:805-5218:10/26/92

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

15 OCT 1992

J. R. Fisher
Agrolinz, Inc.
1669 Kirby Parkway, Suite 100
Memphis, TN 38120-1303

Dear Mr. Fisher:

Subject: Acute Toxicology Data
Agrolinz MCPA Ester 4
EPA Registration No. 42545-44
Your Submission Dated August 14, 1991

Your submission of toxicology data in response to MCPA Registration Standards to support the above referenced product has been reviewed by the Agency and has been determined to be acceptable. The following comments apply:

1) The acute oral, acute dermal, primary eye irritation, and primary dermal irritation studies have been graded Guideline.

2) The acute inhalation, and dermal sensitization studies have been graded Core Minimum. A copy of the review has been included to explain the reasoning behind these ratings.

Due to the results of these studies, revisions to the precautionary labeling are necessary. Specifically, the following changes are required:

1) Add a substatement to the Ingredient Statement to read "Contains petroleum distillates."

2) Revise the Precautionary Statements to read:

"Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash contaminated clothing before reuse. Mixers/ loaders or applicators are required to use face shields or goggles."

CONCURRENCES

SYMBOL	H7505C							
SURNAME	D. KENNY							
DATE	10/14/92							

EPA Form 1320-1A (1/90) Printed on Recycled Paper OFFICIAL FILE COPY

3) Revise the Statements of Practical Treatment to read:

"**IF SWALLOWED:** Do not induce vomiting due to aspiration pneumonia hazard. Call a physician or Poison Control Center. Do not give anything by mouth to an unconscious person."

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

"**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention."

Please submit five (5) draft copies of the labeling, incorporating the changes indicated above.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

CONCURRENCES								
SYMBOL	H7505C							
SURNAME	D. KENNY							
DATE	10/14/92							

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

MEMORANDUM:

Subject: EPA File Symbol/EPA Reg. No.: 42545-44 / MCPA Ester 4

From: Ian Blackwell, Biologist 7/6/92
Precautionary Review Section
Registration Support Branch
Registration Division (H7505C)

To: Joanne I. Miller, PM 23
Fungicide-Herbicide Branch
Registration Division (H7505C)

Thru: Thomas C. Ellwanger, Section Head
Precautionary Review Section E 10/5/92
Registration Support Branch
Registration Division (H7505C)

Applicant: Agrolinz, Inc.
1669 Kirby Parkway, Suite 100
Memphis, TN 38120-1303

FORMULATION FROM LABEL:

Active Ingredient(s):	% by wt.
Isooctyl ester of 2 methyl-4-chlorophenoxyacetic acid	69.7%
Inert Ingredient(s):	30.03
Total:	100%

Printed on Recycled Paper

2

BACKGROUND: Agrolinz, Inc., has submitted acute oral toxicity, acute dermal toxicity, acute inhalation toxicity, primary eye irritation, primary dermal irritation and dermal sensitization studies in support of MCPA Ester 4. The acute inhalation study was conducted by Product Safety Labs. All of the other studies were conducted by Toxikon Corporation. The MRID numbers are 419923-01 through 419923-06.

RECOMMENDATIONS: RSB/PRS findings are:

1. The acute oral toxicity, acute dermal toxicity, primary eye irritation and primary dermal irritation studies are acceptable and are graded guideline data.

2. The acute inhalation toxicity study is acceptable, but is graded core-minimum data for the following reasons:

   a. The MMAD was not below 1.0 micron.
   b. Percent of particles below 1.0 micron was less than 25%.

3. The dermal sensitization study is acceptable but is graded core-minimum data because no edema scores were given for induction and challenge.

LABELING:

1. The signal word is "CAUTION".

2. The label must contain the following statement in close proximity to the ingredients statement:

   "Contains petroleum distillates."

3. The precautionary statements should be revised to:

   "Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash contaminated clothing before reuse."

4. The statements of practical treatment should be revised to:

   "**If swallowed:** Do not induce vomiting due to aspiration pneumonia hazard. Call a physician or Poison Control Center. Do not give anything by mouth to an unconscious person."

   "**If on skin:** Wash with plenty of soap and water. Get medical attention."

   "**If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention."

3

5. The statement "Mixers/loaders or applicators are required to use face shields or goggles." is not required, but may be retained if the registrant wishes.

4

DATA REVIEW FOR ACUTE ORAL TOXICITY TESTING (§ 81-1)

Product Manager: 23
MRID No.: 419923-01

Reviewer: I. Blackwell
Report Date: 2/19/91
Report No.: 90G-0707

Testing Facility: Toxikon Corporation
Authors: George B. FitzGerald, Ph.D.

Quality Assurance (40 CFR §160.12): Included

Test Material: MCPA Ester 4

Species: Sprague-Dawley rats
Age: 49 to 74 days old **Sex:** 15 males + 15 females
Weight: 225.5 to 255.1 g
Source: Charles River Laboratories, Wilmington, MA

Conclusion:

1. **LD_{50} (mg/kg):** **Males** = not determined
Females = not determined
Combined = not determined

2. **The estimated LD_{50} is** 1.35 ± 0.21 g/kg

3. **Tox. Category:** III **Classification:** core-guideline

Procedure (Deviations from §81-1):
(Individual LD_{50}s for males and females by Wilcoxon Method could not be determined.)

Results:

Dosage (mg/kg)	(Number Killed/Number Tested)		
	Males	Females	Combined
750	0/5	0/5	0/10
1000	0/5	0/5	0/10
1500	3/5	4/5	7/10

Signs of toxicity: somnolence, prostration, weight loss (in study mortalities) and dyspnea. No signs of toxicity were observed at 750 mg/kg.

Gross Necropsy: At 750, 1000 and 1500 mg/kg no abnormalities were observed upon gross necropsy. However, in the range finding study, the animals that died had weight loss and a slight discoloration of the lungs and kidneys.

5

DATA REVIEW FOR ACUTE DERMAL TOXICITY TESTING (§81-2)

Product Manager: 23
MRID No.: 419923-02

Reviewer: Ian Blackwell
Report Date: 2/19/91
Report No.: 90G-0708

Testing Laboratory: Toxikon Corporation
Author(s): George B. FitzGerald, Ph.D.

Quality Assurance (40 CFR §160.12): Included

Test Material: MCPA Ester 4, "amber liquid"

Species: New Zealand White rabbit
Weight: 2.62 to 2.99 kg **Age:** young adult
Source: Eastern Rabbit Breeding Laboratory

Summary:

1. **LD_{50} (mg/kg):** **Males** = > 2000 mg/kg
   Females = > 2000 mg/kg
   Combined = > 2000 mg/kg

2. **The estimated LD_{50} is** > 2000 mg/kg

3. **Tox. Category:** III **Classification:** guideline

Procedure (Deviation From §81-2):

Results:

Reported Mortality

DOSAGE g/kg	(NUMBER KILLED/NUMBER TESTED)		
	Males	Females	Combined
2.0	0/5	0/5	0/10

Observations: No signs of toxicity nor skin irritation were observed during the study.

Gross Necropsy Findings: No abnormalities were observed upon gross necropsy.

DATA REVIEW FOR ACUTE INHALATION TOXICITY TESTING (§81-3)

Product Manager: 23
MRID No.: 419923-03

Reviewer: I. Blackwell
Report Date: 3/13/91
Report No.: T-618

Testing Laboratory: Product Safety Labs
Author(s): Ralph Shapiro, Ph.D.

Quality Assurance (40 CFR §160.12): *Included

Test Material: MCPA Ester 4, lot #A0727014, "amber liquid"
Concentration: 1.3, 1.6, 2.4, and 5.1 mg/kg (gravimetric)
Species: Sprague-Dawley derived albino rats
Weight: 231 to 276 g **Age:** not specified
Sex: 20 males + 20 females **Source:** Hilltop Lab Animals

Summary:

1. **LC_{50} (mg/kg):** **Males** = 1.35 mg/L
   Females = 1.45 mg/L
   Combined = 1.40 mg/L
2. **The estimated LC_{50} is**
3. **MMAD:** avg. = 2.625 um
4. **Tox. Category:** III **Classification:** core-minimum

Procedure (Deviation From §81-3):
* Bodyweights of six group 2 animals were lost.
MMAD not below 1.0 micron.
Percent of particles below 1 micron less than 25%.

Results:

Reported Mortality

Exposure Concentration	(NUMBER KILLED/NUMBER TESTED)		
	Males	Females	Combined
1.3 mg/L (MMAD = 2.65 um)	1/5	0/5	1/10
1.6 mg/L (MMAD = 2.55 um)	5/5	5/5	10/10
2.4 mg/L (MMAD = 2.60 um)	5/5	5/5	10/10
5.122 mg/L (MMAD = 2.7 um)	5/5	5/5	10/10

	1.3 mg/L	1.6 mg/L	2.4 mg/L	5.1 mg/L
Av. % particles below 1.1 um=	7.25	5.95	5.8	5.4

In-life observations: red eyes, facial staining, irregular breathing, hunched posture, tremors, rales, lethargy, abnormal gait, moribundity, prostration, anogenital stain, ocular discharge, nasal discharge, loss of balance, distended abdomen, diarrhea, oral discharge and corneal opacity.
Gross Necropsy: lungs red, mottled and/or small in size, stomach filled with gas and/or fluid, prolapsed penis, discolored liver, discolored intestines, and corneal opacity.

DATA REVIEW FOR ACUTE EYE IRRITATION TESTING (§81-4)

Product Manager: 23
MRID No.: 419923-04

Reviewer: Ian Blackwell
Report Date: 2/19/91
Report No.: 90G-0710

Testing Laboratory: Toxikon Corporation
Author(s): George B. FitzGerald, Ph.D.

Quality Assurance (40 CFR §160.12): Included

Test Material: MCPA Ester 4, "Amber liquid"
Dosage: 0.1 ml

Species: New Zealand White rabbits
Sex: six female
Weight: 2.15 to 2.47 kg **Age:** young adult
Source: Eastern Rabbit Breeding Laboratory

Summary:

1. **Toxicity Category:** IV

2. **Classification:** core-guideline

Procedure (Deviations From §81-4):
(Observations were discontinued at day 4 due to a lack of observed ocular irritation.)

Results:

Observations	(number "positive"/number tested)							
	Hour	Days						
	1	1	2	3	4	7	14	21
Cornea Opacity	0/6	0/6	0/6	0/6	---	---	---	---
Iris	0/6	0/6	0/6	0/6	---	---	---	---
Conjunctivae								
Redness	6/6	6/6	0/6	0/6	---	---	---	---
Chemosis	0/6	0/6	0/6	0/6	---	---	---	---
Discharge	0/6	0/6	0/6	0/6	---	---	---	---

Comments: No signs of toxicity were observed.

8

DATA REVIEW FOR SKIN IRRITATION TESTING (§81-5)

Product Manager: 23
MRID No.: 419923-05

Reviewer: Ian Blackwell
Report Date: 2/19/91
Report No.: 90G-0711

Testing Laboratory: Toxikon Corporation
Author(s): George B. FitzGerald, Ph.D.

Quality Assurance (40 CFR §160.12): Included

Test Material: MCPA Ester 4, "amber liquid"
Dosage: 0.5 ml

Species: New Zealand White rabbit
Age: young adult (approximately 11 weeks)
Sex: six females **Weight:** 2.21 to 2.48 kg
Source: Eastern Rabbit Breeding Laboratory

Summary:

1. **Toxicity Category:** IV

2. **Classification:** guideline

Procedure (Deviations From §81-5): None

Results: No erythema nor edema was observed during the 72 hour observation period.

DATA REVIEW FOR DERMAL SENSITIZATION TESTING (§81-6)

Product Manager: 23
MRID No.: 419923-06

Reviewer: I.Blackwell
Report Date: 2/19/91
Report No.: 90G-0712

Testing Laboratory: Toxikon Corporation
Author(s): George B. FitzGerald, Ph.D.

Quality Assurance (40 CFR §160.12): Included

Test Material: MCPA Ester 4 (used undiluted at induction and challenge)
Positive Control Material: Dichloronitrobenzene

Species: Hartley Guinea Pigs
Weight: 271.6 to 328.4 g
Source: Elm Hill Breeding Labs

Sex: 17 males + 17 females
Age: young adult

Method: Buehler Sensitization Test

Summary:

1. **This product is not a dermal sensitizer.**

2. **Classification:** core-minimum

Procedure (Deviation From §81-6):
No scores for edema were given for induction or challenge.

Results: No erythema nor edema was observed after any of the three induction treatments in any of the test material treated animals. No erythema nor edema was displayed 24, 48 or 72 hours after challenge with MCPA Ester 4.

No erythema nor edema was displayed during induction nor after challenge of any of the naive control animals.

No erythema nor edema was displayed during induction with the positive control material. Twenty-four hours after challenge with the positive control, 4/6 positive control animals displayed moderate erythema and 2/6 displayed strong erythema. Forty-eight and seventy-two hours after challenge, 3/6 positive control animals moderate displayed erythema and 3/6 displayed strong erythema.

PC Code 30563 File Last Updated Current date 5/6/92

Study/Study #/Animal/Lab Date	Material	MRID No.	Results	Tox. Cat.	Core Grade
acute oral toxicity / 90G-0707 /rat / Toxikon Corporation / 2-19-91	Isooctyl ester of 2-methyl 4-chlorophenoxyacetic acid.....69.7%	419923-01	Estimated LD_{50}= 1.35 ± 0.21 kg	III	guide
acute dermal toxicity / 90G-0708 / rabbit / Toxikon Corporation / 2-19-91		419923-02	LD_{50} > 2000 mg/kg	III	guide
acute inhalation toxicity / T-618 / rat / Product Safety Labs / 3-13-91		419923-03	LC_{50} males= 1.35 mg/L females= 1.45 mg/L combined= 1.40 mg/L	III	min.
primary eye irritation / 90G-0710 / rabbit / Toxikon Corporation / 2-19-91		419923-04	No ocular irritation was displayed.	IV	guide
primary dermal irritation / 90G-0711 / rabbit / Toxikon Corporation / 2-19-91		419923-05	No erythema nor edema was displayed during the study.	IV	guide
dermal sensitization/ 90G-0712 / guinea pig / Toxikon Corporation / 2-19-91		419923-06	Not a sensitizer.	---	min.

DP BARCODE: D168241

CASE: 025101 DATA PACKAGE RECORD DATE: 09/03/91
SUBMISSION: S401889 BEAN SHEET Page 1 of 1

* * * CASE/SUBMISSION INFORMATION * * *

CASE TYPE: REGISTRATION ACTION: 655 FORM DATA & LBL - REREG
CHEMICALS: 030563 Isooctyl 2-methyl-4-chlorophenoxyacetate 69.7000%

ID#: 042545-00044 MCPA ESTER 4
COMPANY: 042545 AGROLINZ, INC
PRODUCT MANAGER: 23 JOANNE MILLER 703-557-1830 ROOM: CM2 237
PM TEAM REVIEWER: DANIEL KENNY 703-557-8540 ROOM: CM2 229
RECEIVED DATE: 08/23/91 DUE OUT DATE: 12/21/91

* * * DATA PACKAGE INFORMATION * * *

DP BARCODE: 168241 EXPEDITE: N DATE SENT: 09/03/91 DATE RET.: / /
CHEMICAL: 030563 Isooctyl 2-methyl-4-chlorophenoxyacetate
DP TYPE: 001 Submission Related Data Package
DOMIN DUE DATE: 12/02/91 CSF: Y LABEL: Y

ASSIGNED TO	DATE IN	DATE OUT
DIV : RD	/ /	/ /
BRAN: RSB	/ /	/ /
SECT: PRS	/ /	/ /
REVR :	/ /	/ /
CONTR:	/ /	/ /

* * * DATA REVIEW INSTRUCTIONS * * *

This registrant has submitted acute tox studies in accordance with MCPA registration standards. Enclosed is the set of studies, the cover letter and transmittal document, and the jacket for your reference. Please check the studies to determine if they are in order. Thanks.
-Dan Kenny 557-1830

* * * ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION * * *

DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL

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OMV-Group of
AUSTRIAN INDUSTRIES

Agrolinz, Inc.
1669 Kirby Parkway, Suite 100
Memphis, TN 38120-1303
Telephone 901/756-4422
Telefax 901/757-9367

Agrolinz, Inc.

August 14, 1991

Ms. Joanne Miller (PM-23)
Office of Pesticide Programs
Document Processing Desk (RS-017)
401 M Street, S.W.
Washington D.C. 20460

Dear Ms. Miller:

Re: MCPA Registration Standard
Submission of Data

In response to the MCPA Registration Standard, Agrolinz is submitting the following complete acute toxicology package:

Volume 2: Acute Oral Toxicity Study (LD50) MCPA Ester 4, Fitzgerald, George B., Project Number 90G-0707, Toxikon Corporation, 2/19/91.

Volume 3: Acute Dermal Toxicity MCPA Ester 4, Fitzgerald, George B., Project Number 90G-0708, Toxikon Corporation, 2/19/91.

Volume 4: EPA Acute Inhalation Toxicity - Defined LC50 MCPA Ester 4, Shapiro, R., Project Number T-618, Product Safety Labs, 3/13/91.

Volume 5: Primary Eye Irritation Study in Rabbits MCPA Ester 4, Fitzgerald, George B., Project Number 90G-0710, Toxikon Corporation, 2/19/91.

Volume 6: Primary Dermal Irritation Study MCPA Ester 4, Fitzgerald, George B., Project Number 90G-0711, Toxikon Corporation, 2/19/91.

Volume 7: Buehler Sensitization Test MCPA Ester 4, Fitzgerald, George B., Project Number 90G-0712, Toxikon Corporation, 2/19/91.

This data is being submitted in support of the following product:

Agrolinz MCPA Ester 4
EPA Registration No. 42545-44

If upon review you have any questions, or if we may be of any assistance, please feel free to contact Agrolinz at (800) 356-0132.

Sincerely yours,

J. R. Fisher
Director,
Regulatory Affairs

JRF/dm:004

Enclosures

AUG 27 1991

5/24/91
Danny

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs

AGROLINZ INC.
SUITE 300
1755 N. KIRBY PKWY
MEMPHIS, TN 38119

Report of Analysis for Compliance with PR Notice 86-5

Thank you for your transmittal of 08/23/91. Our staff has completed a preliminary analysis of the material. The results are provided as follows:

Your submittal was found to be in full compliance with the standards for submission of data contained in PR Notice 86-5. A copy of your bibliography is enclosed, annotated with Master Record ID's (MRIDs) assigned to each document submitted. Please use these numbers in all future references to these documents. Thank you for your cooperation. If you have any questions concerning this data submission, please raise them with the cognizant Product Manager, to whom the data have been released.

419923-00

TRANSMITTAL DOCUMENT

1. Name and address of submitter

Agrolinz, Inc.
1669 N. Kirby Parkway, Suite 100
Memphis, TN 38120

2. Regulatory action in support of which this package is submitted:

MCPA Registration Standard
MCPA Ester 4
EPA Registration No. 42545-44

3. Transmittal date:

August 14, 1991

4. List of submitted studies:

Volume 1: Administrative Material

419923-01 Volume 2: Acute Oral Toxicity Study (LD50) MCPA Ester 4, Fitzgerald, George B., Project Number 90G-0707, Toxikon Corporation, 2/19/91.

419923-02 Volume 3: Acute Dermal Toxicity MCPA Ester 4, Fitzgerald, George B., Project Number 90G-0708, Toxikon Corporation, 2/19/91.

419923-03 Volume 4: EPA Acute Inhalation Toxicity - Defined LC50 MCPA Ester 4, Shapiro, R., Project Number T-618, Product Safety Labs, 3/13/91.

419923-04 Volume 5: Primary Eye Irritation Study in Rabbits MCPA Ester 4, Fitzgerald, George B., Project Number 90G-0710, Toxikon Corporation, 2/19/91.

419923-05 Volume 6: Primary Dermal Irritation Study MCPA Ester 4, Fitzgerald, George B., Project Number 90G-0711, Toxikon Corporation, 2/19/91.

419923-06 Volume 7: Buehler Sensitization Test MCPA Ester 4, Fitzgerald, George B., Project Number 90C-0712, Toxikon Corporation, 2/19/91.

Company Official: J. R. Fisher

Signature

Company Name: Agrolinz, Inc.

Company No. 42545

Company Contact: J. R. Fisher

Phone: (901) 756-4422

TRANSMITTAL DOCUMENT

1. Name and address of submitter

Agrolinz, Inc.
1669 N. Kirby Parkway, Suite 100
Memphis, TN 38120

2. Regulatory action in support of which this package is submitted:

MCPA Registration Standard
MCPA Ester 4
EPA Registration No. 42545-44

3. Transmittal date:

August 14, 1991

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Volume 1: Administrative Material

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Volume 7: Buehler Sensitization Test MCPA Ester 4, Fitzgerald, George B., Project Number 90G-0712, Toxikon Corporation, 2/19/91.

Company Official: J. R. Fisher

Signature

Company Name: Agrolinz, Inc.

Company No. 42545

Company Contact: J. R. Fisher

Phone: (901) 756-4422

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 25 1991

J. R. Fisher
Agrolinz, Inc.
1669 Kirby Parkway, Suite 100
Memphis, TN 38120-1303

Dear Mr. Fisher:

Subject: Clarification of Product Name
MCPA Ester 4
EPA Registration No. 42545-44
Your Submission Dated May 31, 1991

The Agency has received your correspondence for the clarification of the product name for MCPA Ester 4. We have revised our records to reflect that this is the proper name for the product and that no change in the name has been made.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

CONCURRENCES								
SYMBOL	H7505C							
SURNAME	D. KENNY							
DATE	6/20/91							

EPA Form 1320-1 (12-70) *U.S.GPO:1989-624-485/10186 OFFICIAL FILE COPY

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OMV-Group of
AUSTRIAN INDUSTRIES

Agrolinz, Inc.
1669 Kirby Parkway, Suite 100
Memphis, TN 38120-1303
Telephone 901/756-4422
Telefax 901/757-9367

Agrolinz, Inc.

May 31, 1991

Ms. Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)
U.S. Environmental Protection Agency
Washington, D.C. 20460

RE: **MCPA Ester 4 (EPA Reg. No. 42545-44)**
SEE® MCPA (EPA Reg. No. 42545-47)
Our Applications of March 11, 1991
Your letter and review - dated May 24, 1991

Dear Ms. Miller:

We have received your reviews of the above referenced products and appreciate your consideration. However, in the first paragraph of the letter for MCPA Ester, you mention the approval of the product name change to SEE® MCPA Ester. We did not request a name change for this product. This is apparently a carry over from a letter on a similar application dated the same day for SEE® MCPA. We did request a name change for this product. Please correct your file and send us a corrected letter.

Sincerely,

J. R. Fisher
Director,
Regulatory Affairs

JRF/dm:019

MAY 24 1991

Ms. Carol F. DiRenzo
Registration Specialist
Agrolinz, Inc.
1755 Kirby Parkway, Suite 300
Memphis, TN 38120

Dear Ms. DiRenzo:

Subject: **MCPA Ester 4**
EPA Registration No. 42545-44
Your Application of March 11, 1991

We have completed our review of the labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended. We find that the changes you propose are acceptable, including the product name change to SEE•MCPA Ester. A stamped copy is enclosed for your records.

However, as a matter of new policy, there is a change in the language under the **Environmental Hazards** section of the label which affects all subsequent registrations and amendments. Your statement, "Do not apply directly to water or wetlands (swamps, bogs, or marshes)," should be revised to read as follows: "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."

Please submit 5 copies of your final printed label incorporating these changes.

Thank you.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

H7505C:Miller/Mayes:jem:Rm235:557-8218:05/24/91

Enclosure

ACCEPTED
with COMMENTS
in EPA Letter Dated: 1

MAY 24 1991

AGROLINZ, INC.

MCPA ESTER 4

HERBICIDE

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 42545-44

FOR SELECTIVE CONTROL OF CERTAIN WEEDS
IN WHEAT, OATS, BARLEY, RYE, GRASSLAND
AND IN NON-CROP AREAS

ACTIVE INGREDIENT:
Isooctyl ester of 2 methyl-4-chlorophenoxyacetic acid*.....69.7%
INERTINGREDIENTS:.....30.3%

* Equivalent to 44.7% of 2-methyl-4-chlorophenoxyacetic acid isomer specific of not less than 3.7 pounds of 2-methyl-4-chlorophenoxyacetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.

EPA Reg. No. 42545-44 EPA Est. No. 42545-MO-1

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

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: Contains mineral spirits. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.
IF ON SKIN: Wash with soap and water.
IF IN EYES: Flush with plenty of water for 15 minutes and get medical attention.
NOTE TO ATTENDING PHYSICIAN: May cause chemical pneumonitis if aspirated. If lavage is performed, suggest endotracheal and/or esophagoscopic control.

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

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return **unopened** package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

PRECAUTIONARY STATEMENTS

WARNING - AVISO

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Do not breathe vapors or spray mist. Mixers/loaders or applicators are required to use face shields or goggles.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). 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. 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 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. Do not apply MCPA isooctyl ester in the vicinity of sugar beets. Do not apply MCPA isooctyl ester around houses, recreation sites or similar areas.

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.

In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

DISPOSAL

PESTICIDE DISPOSAL: Wastes resulting form 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, it allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTROLS THESE AND OTHER WEEDS

SUSCEPTIBLE (MOST AREAS)

Annual sowthistle
Beggarticks
Cocklebur
Dragon head mint
Field pepper grass
Goats beard
Hempnettle
Lambsquarters (goosefoot)
Marsh elder
Mustards (annual)
Poison hemlock
Puncturevine
Ragweed
Shepherdspurse
Stinkweed (pennycress, fanweed)
Wild radish
Yellow rocker or wintercress

LESS SUSCEPTIBLE

Buttercups
Canada thistle
Chervil
Dandelions
Kochia
Miner's lettuce
Perennial sowthistle
Plantains
Purslane
Russian pigweed
Sunflower
Stinging nettle
Vetch
White top or hoary cress

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of MCPA ESTER 4 and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. 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 isooctyl ester by aerial application in the vicinity of sugar beets. Do not apply MCPA isooctyl ester around houses, recreation sites, or similar areas.

AMOUNT OF SPRAY TO APPLY

Apply 5 to 15 gallons of total spray per acre when making appplications with ground equipment and 1 to 5 gallons of total spray per acre when making applications by aircraft unless directed otherwise under specific directions. Carefully read the Environmental Hazards section of the Precautionary Statements for further information on spray volume.

SELECTIVE SPRAYING

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 spray from boot to dough stage.

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.

FLAX

Use 1/4 to 1/2 pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result.

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.

GRASSES

ESTABLISHED GRASSLAND - Use 1 to 3 pints per acre in sufficient water (1 to 10 gallons) by airplane or ground sprayer application and give thorough coverage. Use higher rate for white top, Canada thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. 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.

GRASSES: (Grown for seed: aerial and surface applications): Use 1 to 2 pints per acre, the 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: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bentgrass, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES

Canada thistle, white top and meadow buttercup - For spot treatment, use 1/4 pint to 3 to 4 gallons of water, or 3/4 gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

GENERAL INFORMATION

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station weed specialists for specific recommendations for local weed problems and for information on possible lower dosages. 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 herewith. Do not apply this product through any type of irrigation system.

WARRANTY LIMITATIONS AND DISCLAIMER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the DIRECTIONS FOR USE when used under normal conditions. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller. When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or

Please read instructions and notice on reverse before completing form. Form Approved OMB No. 2070-0060. Approval expires 6-30-90.

United States Environmental Protection Agency
Office of Pesticide Programs (TS-767)
Washington, DC 20460

EPA

Application for Pesticide: [ ] Registration [X] Amendment

OPP Identifier Number 124931

Section I

1. Company/Product Number	2. Date	3. Product Manager	4. Proposed Classification
42545-44	March 11, 1991	Miller, PM (23)	[X] General [ ] Restricted

5. Name and Address of Applicant *(Include ZIP Code)*

Agrolinz, Inc.
1755 Kirby Parkway, Suite 300
Memphis, TN 38120

[ ] Check if this is a new address

6. Product Name
MCPA Ester 4

Section II - Amendment Information

1. Subject
[ ] Resubmission in response to Agency letter [ ] Final printed label in response to Agency letter [X] Other *(explain below)*

Date of Letter

1. Change aerial application spray volume rate under AMOUNT OF SPRAY TO APPLY from 3 to 10 gallons to 1 to 5 gallons.

2. Under ESTABLISHED GRASSLAND change the recommended amount of water from 10 - 100 gallons to 1 to 10 gallons.

Section III

1. Material This Product Will Be Packaged In

Child-Resistant Packaging	Unit Packaging	Water-Soluble Packaging
[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No
	If "Yes," Unit package wgt / No. per container	If "Yes," Package weight / No. per container

2. Type of Container
[ ] Metal
[ ] Plastic
[ ] Glass
[ ] Paper
[ ] Other *(Specify)*

3. Location of Net Contents Information
[ ] Label [ ] Container

4. Size(s) of Retail Container

5. Location of Label Directions
[ ] On Label
[ ] On material accompanying product

6. Manner in Which Label Is Affixed To Product
[ ] Lithograph [ ] Other *(Specify)*
[ ] Paper glued
[ ] Stenciled

Section IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application).*

Name
Carol F. DiRenzo

Title
Registration Specialist

Telephone No. *(Include Area Code)*
901/756-4422

6. Date Application Received *(Stamped)*

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.

2. Signature
Carol F. DiRenzo

3. Title
Registration Specialist

4. Typed Name
Carol F. DiRenzo

5. Date Signed
March 11, 1991

EPA Form 8570-1 (Rev. 9-88) Previous editions are obsolete.

Paperwork Reduction Act Notice and Instructions

Paperwork Reduction Act Notice

Public reporting burden for this collection of information is estimated to average of 0.85 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

Instructions

General

This form is to be used for all applications for new and amended registrations for pesticide products.

In order to process an application for new registration submitted on this form, the following material must accompany the application:

1. Offer to Pay Statement (EPA Form 8570-22, -23, or -24). (If not exempted by 40 CFR 162.9-1(b).)
2. Confidential Statement of Formula (EPA Form 8570-4).
3. Five copies of draft labeling.
4. Three copies of any data submitted.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8 1/2 x 11 inch paper or as a mockup of the proposed label. If prepared as a mockup it should be constructed in such a way as to facilitate storage in an 8 1/2 x 11 inch file. Mockup labels significantly smaller than 8 1/2 x 11 inches should be mounted on 8 1/2 x 11 inch paper for submission.

Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

Specific

Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A , for which you are submitting this application. For applications submitted in connection with New Registration actions, Section I, III, and IV must be completed by the applicant. For applications submitted in connection with amended registration actions, Section I, II, and IV must be completed by the applicant.

Block A - Check the appropriate action for which you are submitting this form.

Section I - This Section must be completed for both Registration and Amended Registration actions.

1. **Company/Product Number** - Insert your company number, if one has been assigned. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If application is for an amendment, insert the registration number of the product.
2. **Date** - Fill in the appropriate date.
3. **Product Manager** - If known, fill in the name and number of the Product Manager.
4. **Proposed Classification** - Specify the proposed classification for this product.
5. **Name and Address of Applicant** - The name of the firm or person and address shown in your application is the person or firm to whom registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters.

   An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. **Product Name** - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.

Amendment Information

Section II - This Section must be completed for all applications submitted in connection with Amended Registration.

1. **Subject of Amendment** - Check the appropriate block, and provide a brief explanation of the purpose(s) for the amendment, such as: "the addition of a site, pest, or crop"; "to change inert ingredient"; "general label revisions of precautionary statements," etc.

Packaging and Container Information

Section III - This Section must be completed for all applications submitted in connection with New Registration.

1. **Type of Packaging** - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. **Type of Retail Container** - Indicate type of container in which product will be marketed.
3. **Location of Net Contents** - Specify the net contents of all retail containers for your product.
4. **Size(s) of Retail Container** - Specify the net contents of all retail containers for your product.
5. **Location of Use Directions** - Indicate the location of the use directions for your product.
6. **Manner in which label is affixed to product** - Indicate the method product labeling is attached to retail container.

Contact Point

Section IV - This Section must be completed for all Registration and Amended Registration applications.

1-5. Self-explanatory.

6. EPA Use Only.

03/21/91

J. R. FISHER
GILMORE, INC.
BUILDING H-1255 LYNFIELD SUITE 140
MEMPHIS TN 38138

Product Name: MCPA ESTER 4
Company Name: AGROLINZ, INC.
Application No.: 124931
EPA Reg. No.: 42545-44
EPA Receipt Date: 03/19/91

Subject: Front End Screen for an Amendment

Dear Sir or Madam:

Your application for registration has been received by the Office of Pesticide Programs and has passed a preliminary screen for completeness. It will be placed in line for review to determine its acceptability. The application will be processed in chronological order of receipt.

Although the 1988 FIFRA amendments mandate EPA to review applications for expedited registration or amendments within 90 days, this turnaround time will not be met immediately due to the backlog of applications received before December 24, 1988. However, EPA is increasing human and automated resources and making necessary procedural changes in order to eliminate the backlog and to meet the 90-day response time as soon as possible.

If you have any questions, you may contact Joanne I. Miller, Product Manager 23, at (703)-557-1830.

Sincerely,

Edith Pleau

Team Leader
Front End Processing Staff
Registration Support Branch
Registration Division (H7504C)

H7504C
7 White
3-28-91

Agrolinz, Inc.
1755 N. Kirby Pkwy., Suite 300
Memphis, TN 38120-4393
Phone: (901) 756-4422
Fax: (901) 757-9367
Telex: 6828022

agrolinz

November 19, 1990

VIA FEDERAL EXPRESS
6367599906

MCPA-0017 - Labeling
Document Processing Desk, H7504C
Office of Pesticide Programs
U.S. Environmental Protection Agency
401 M St., S.W.
Washington, DC 20460

TO WHOM IT MAY CONCERN

I, being an authorized representative of Agrolinz, Inc., understand the labeling requirements specified in the Registration Standard for MCPA as amended and included therein by *reference*. Further, I certify that all containers of MCPA Ester 4 (42545-44) released for shipment after March 1, 1991, will bear revised labeling in accordance with those requirements.

Sincerely,

Carol F. DiRenzo

Carol F. DiRenzo
Regulatory Specialist

CFD/dm:002

AGROLINZ, INC.

MCPA ESTER 4

HERBICIDE

FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:
Isooctyl ester of 2 methyl-4-chlorophenoxyacetic acid*.....69.7%
INERTINGREDIENTS:.....30.3%

* Equivalent to 44.7% of 2-methyl-4-chlorophenoxyacetic acid isomer specific of not less than 3.7 pounds of 2-methyl-4-chlorophenoxyacetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.

EPA Reg. No. 42545-44 EPA Est. No. 42545-MO-1

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

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: Contains mineral spirits. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.
IF ON SKIN: Wash with soap and water.
IF IN EYES: Flush with plenty of water for 15 minutes and get medical attention.
NOTE TO ATTENDING PHYSICIAN: May cause chemical pneumonitis if aspirated. If lavage is performed, suggest endotracheal and/or esophagoscopic control.

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

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return **unopened** package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

PRECAUTIONARY STATEMENTS

WARNING - AVISO

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Do not breathe vapors or spray mist. Mixers/loaders or applicators are required to use face shields or goggles.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). 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.

Do not contaminate water by cleaning of equipment of 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.

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 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.

PHYSICAL OR CHEMICAL HAZARDS

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.

In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

DISPOSAL

PESTICIDE DISPOSAL: Wastes resulting form 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, it allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTROLS THESE AND OTHER WEEDS

SUSCEPTIBLE (MOST AREAS)

Annual sowthistle
Beggarticks
Cocklebur
Dragon head mint
Field pepper grass
Goats beard
Hempnettle
Lambsquarters (goosefoot)
Marsh elder
Mustards (annual)
Poison hemlock
Puncturevine
Ragweed
Shepherdspurse
Stinkweed (pennycress, fanweed)
Wild radish
Yellow rocker or wintercress

LESS SUSCEPTIBLE

Buttercups
Canada thistle
Chervil
Dandelions
Kochia
Miner's lettuce
Perennial sow Vetch
Plantains
Purslane
Russian pigweed
Sunflower
Stinging nettle
White top or hoary cress

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of LV4-MCPA and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. 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 isooctyl ester by aerial application in the vicinity of sugar beets. Do not apply MCPA isooctyl ester around houses, recreation sites, or similar areas.

AMOUNT OF SPRAY TO APPLY

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 spray from boot to dough stage.

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.

FLAX

Use 1/4 to 1/2 pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. IF Canada Thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result.

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.

GRASSES

ESTABLISHED GRASSLAND - Use 1 to 3 pints per acre in sufficient water (10 to 100) by airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. 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.

GRASSES: (Grown for seed: aerial and surface applications): Use 1 to 2 pints per acre, the 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: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES

Canada THistle, White Top and Meadow Buttercup - For spot treatment, use 1/4 pint to 3 to 4 gallons of water, or 3/4 gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

GENERAL INFORMATION

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station weed specialists for specific recommendations for local weed problems and for information on possible lower dosages. 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 herewith. Do not apply this product through any type of irrigation system.

WARRANTY LIMITATIONS AND DISCLAIMER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the DIRECTIONS FOR USE when used under normal conditions. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller. When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify seller, in writing, of any claim to be eligible to receive either remedy given below. THE EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of seller will be one of the following, at the election of the seller:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations and Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.

Manufactured by:

AGROLINZ, INC.
1755 N. Kirby Parkway, Suite 300
Memphis, TN U.S.A. 38119-4393
Phone (901) 756-4422 - Telex 6828022

Agrolinz, Inc.
1755 N. Kirby Pkwy., Suite 300
Memphis, TN 38119-4393
Phone: (901) 756-4422
Fax: (901) 757-9367
Telex: 28022

agrolinz

Disk #2
1233

P. Hundemann

February 21, 1990

Document Processing Desk (RS-0017)
Office of Pesticide Programs - H7504C
U.S. EPA
401 M Street, SW
Washington, D.C. 20460

Dear Sir:

In response to the REGISTRATION STANDARD FOR PESTICIDE PRODUCTS CONTAINING MCPA AS THE ACTIVE INGREDIENT, issued September 22, 1989, Agrolinz hereby submits the required Section 3(c)(2)(B) Summary Sheet and Confidential Statement of Formula for each of the following products.

1. MCPA Technical Acid	EPA 42545-9
2. MCPA Amine 4 Herbicide	EPA 42545-18
3. MCPA Acid	EPA 42545-19
4. Technical MCPA IOE	EPA 42545-24
5. MCPA Ester 4	EPA 42545-44
6. MCPA Sodium Salt	EPA 42545-45
7. See(TM) MCPA	EPA 42545-47

Agrolinz, Inc. is a wholly owned subsidiary of Agrolinz Agrarchemikalien Ges. m. b. H., of Linz Austria. Our parent company is a full member, in good standing, of the MCPA Task Force and will be providing all required data to support our registrations.

Upon review of this submission if you have any questions please notify us immediately.

Sincerely yours,

J.R. Fisher
Director, Regulatory Affairs

JRF/dm:019

Enclosures

Form Approved. OMB No. 2070-0057. Approval expires 11-30-89.

FIFRA SECTION 3(C)(2)(B) SUMMARY SHEET	EPA REGISTRATION NO. 42545-44
PRODUCT NAME: MCPA ESTER 4	
APPLICANT'S NAME: AGROLINZ, INC.	DATE GUIDANCE DOCUMENT ISSUED: SEPTEMBER 22, 1989

With respect to the requirement to submit "generic" data imposed by the FIFRA section 3(C)(2)(B) notice contained in the referenced Guidance Document, I am responding in the following manner:

☐ 1. I will submit data in a timely manner to satisfy the following requirements. If the test procedures I will use deviate from (or are not specified in) the Registration Guidelines or the Protocols contained in the Reports of Expert Groups to the Chemicals Group, OECD Chemicals Testing Programme, I enclose the protocols that I will use:

☒ 2. I have entered into an agreement with one or more other registrants under FIFRA section 3(C)(2)(B)(ii) to satisfy the following data requirements. The tests, and any required protocols, will be submitted to EPA by:

NAME OF OTHER REGISTRANT: MCPA TASK FORCE

☐ 3. I enclose a completed "Certification of Attempt to Enter Into an Agreement with Other Registrants for Development of Data" with respect to the following data requirements:

☐ 4. I request that you amend my registration by deleting the following uses (this option is not available to applicants for new products):

☐ 5. I request voluntary cancellation of the registration of this product. (This option is not available to applicants for new products).

REGISTRANT'S AUTHORIZED REPRESENTATIVE	SIGNATURE	DATE
J. R. FISHER		2/21/90

EPA Form 8580-1 (10-82)

Gilmore, Inc.
5501 Murray Road · Memphis, TN, U.S.A. 38119-3703
Phone (901) 761-5870 · Telex 6828022 Ansbk - Gilmore Mfs
Cable: Gilmore Memphis

April 30, 1987

Mr. R. F. Mountfort (PM-23)
Fungicide-Herbicide Branch
Registration Division (TS-767C)
Office of Pesticide Programs
U.S. Environmental Protection Agency
401 M St. S.W.
Washington, D.C. 20460

NOT REVIEWED
In Accordance with PR Notice 82-2.
Based on Draft Labeling Dated

Dear Mr. Mountfort:

RE: MCPA Ester 4, EPA Reg. No. 42545-44
Your letter of November 19, 1986.

As requested in your above referenced letter please find enclosed five (5) copies of the final printed labeling for product 42545-44.

Your assistance in the registration of this product is greatly appreciated.

Sincerely,

J. R. Fisher
Director,
Regulatory Affairs

Enclosures

cc: 42545-44 file

87294.JRF

Form Appr. J. OMB No. 2000-0483. Approval expires 9-30-87

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDE PROGRAM (TS-767)
WASHINGTON, D.C. 20460

APPLICATION FOR PESTICIDE: ☐ REGISTRATION ☒ AMENDMENT A

Please read instructions on reverse before completing.

SECTION I

1. COMPANY/PRODUCT NO.	2. DATE	3. PRODUCT MANAGER	4. PROPOSED CLASSIFICATION
42545-44	21 April 1987	R. Mountfort (23)	☐ GENERAL ☐ RESTRICTED

5. NAME AND ADDRESS OF APPLICANT (Include ZIP Code)

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

☐ CHECK IF THIS IS A NEW ADDRESS

6. PRODUCT NAME

MCPA Ester 4

SECTION II

1. SUBJECT OF AMENDMENT

☐ RESUBMISSION IN RESPONSE TO AGENCY LETTER DATED _____

☒ FINAL PRINTED LABEL IN RESPONSE TO AGENCY LETTER DATED 23 Oct 85

☐ OTHER (explain below)

NOT REVIEWED
In Accordance with PR Notice 82-2.
Based on Draft Labeling Dated

SECTION III

1. WILL THIS PRODUCT BE PACKAGED IN:

CHILD-RESISTANT PACKAGING ☐ YES ☒ NO

UNIT PACKAGING ☐ YES ☒ NO

If YES; unit pkg. wt. _____ No. per container _____

WATER-SOLUBLE PACKAGING ☐ YES ☒ NO

If YES, pkg. wt. _____ No. per container _____

2. TYPE OF CONTAINER

☒ METAL
☒ PLASTIC
☐ GLASS
☐ PAPER
☐ OTHER (Specify)

3. LOCATION OF NET CONTENTS

☒ LABEL ☐ CONTAINER

4. SIZE(S) OF RETAIL CONTAINER

1, 2.5, 5, 30 and 55 gallon

5. LOCATION OF LABEL DIRECTIONS

☒ ON LABEL

☐ ON MATERIAL ACCOMPANYING PRODUCT

6. MANNER IN WHICH LABEL IS AFFIXED TO PRODUCT

☐ LITHOGRAPH ☐ OTHER (Specify)

☒ PAPER GLUED

☐ STENCILED

SECTION IV

1. CONTACT POINT (Complete items directly below for identification of individual to be contacted, if necessary, to process this application).

NAME: J. R. Fisher

TITLE: Director of Regulatory Affair

TELEPHONE NO. (Include Area Code): (901) 761-5870

2. SIGNATURE

3. TITLE: Director

4. TYPED NAME: J. R. Fisher

5. DATE SIGNED: 30 April 1987

6. DATE APPLICATION RECEIVED (Stamped)

EPA Form 8570-1 (Rev. 5-81) PREVIOUS EDITION IS OBSOLETE.

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

ENVIRONMENTAL HAZARDS

Do not apply directly to water.

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.

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.

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.

In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

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.

EPA-PR
5-87

NOT REVIEWED
In Accordance with PR Notice 82-2,
Based on Draft Labeling Dated

MCPA ESTER 4

HERBICIDE

FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:	
Isooctyl ester of 2-methyl-4-chlorophenoxyacetic acid*	69.7%
INERT INGREDIENTS	30.3%
TOTAL	100.0%

*Equivalent to 44.7% of 2-methyl-4-chlorophenoxy acetic acid isomer specific or not less than 3.7 pounds of 2-methyl-4-chlorophenoxy acetic acid isomer specific per gallon at 68° F. Isomer specific by A.O.A.C. Method.

KEEP OUT OF REACH OF CHILDREN

WARNING—AVISO

IF SWALLOWED: Contains mineral spirits. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

IF ON SKIN: Wash skin with soap and water.

IF IN EYES: Flush eyes with water for 15 minutes and get medical attention.

NOTE TO ATTENDING PHYSICIAN: May cause chemical pneumonitis if aspirated. If lavage is performed, suggest endotracheal and/or esophagoscopic control.

SEE ADDITIONAL PRECAUTIONS ON LEFT SIDE PANEL.

EPA Reg. No. 42545-44

MANUFACTURED BY:

EPA Est. No. 42545-MO-1

Gilmore, Inc.
5501 Murray Road · Memphis, TN, U.S.A. 38119-3703
Phone (901) 761-5870 · Telex 6828022

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

NET CONTENTS _____ GALLONS _____ LITERS

PRECAUCION AL USUARIO: SI USTED NO LEE INGLES, NO USE ESTE PRODUCTO HASTA QUE LA ETIQUETA LE HAYA SIDO EXPLICADA AMPLIAMENTE

CONTROLS THESE AND OTHER WEEDS

Susceptible (Most Areas): Lambsquarters (goosefoot), Marsh Elder, Mustards (annual), Puncturevine, Ragweed, Stinkweed (Pennycress, Fanweed), Wild Radish, Yellow Rocket or Wintercress, Cocklebur, Goats Beard, Field Pepper Grass, Dragon Head Mint, Beggarticks, Poison Hemlock, Hempnettle, Shepherdspurse, Annual Sow Thistle.

Less Susceptible: Buttercups, Canada Thistle, Dandelions, Plantains, Stinging Nettle, Perennial Sow Thistle, Vetch, White Top or Hoary Cress, Russian Pigweed, Sunflower, Chervil, Miner's Lettuce, Purslane, Kochia.

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of LV4-MCPA and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill.

AMOUNT OF SPRAY TO APPLY

Apply 5 to 15 gallons of total spray per acre when making applications with ground equipment and 3 to 10 gallons of total spray per acre when making applications by aircraft unless directed otherwise under specific directions. Carefully read the Environmental Hazards section of the Precautionary Statements for further information on spray volume.

SELECTIVE SPRAYING

Wheat, Oats, Barley and Rye – Apply as a water mix spray by ground sprayer or airplane. Use ½ 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 spray from boot to dough stage. 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.

FLAX

Use ¼ to ½ pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada Thistle is present, it may be necessary to go as high as ¾ pint per acre to prevent seed head production. Some injury to the flax may result.

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.

GRASSES

Established Grassland – Use 1 to 3 pints per acre in sufficient water (10 to 100 gallons) by airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. 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.

GRASSES: (Grown for seed: aerial and surface applications): Use 1 to 2 pints per acre, the 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: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES

Canada Thistle, White Top and Meadow Buttercup – For spot treatment, use ¼ pint to 3 to 4 gallons of water, or ¾ gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

GENERAL INFORMATION

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

CONDITION OF SALE, WARRANTY, LIMITATION OF LIABILTY

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 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.

8703-4M

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

NOTICE OF PESTICIDE: ☒ REGISTRATION ☐ REREGISTRATION

(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

EPA REGISTRATION NO. 42545-44

DATE OF ISSUANCE OCT 23 1985

TERM OF ISSUANCE Conditional

NAME OF PESTICIDE PRODUCT MCPA Ester 4

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. 42545-44."

b. The statement of practical treatment for swallowing is not adequate. Add - Contains Mineral Spirits. Do not induce vomiting. Get medical attention immediately. We also suggest adding a note to physicians regarding possible aspiration hazard during gastric lavage.

c. Under the HAZARDS TO HUMANS AND DOMESTIC ANIMALS section, revise the sentence to read - Do not breathe vapors or spray mist.

The product specific chemistry data submitted are considered adequate for this formulation. As discussed with you on October 17, and indicated in our

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE OCT 23 1985

EPA Form 8570-6 (Rev. 5-76) PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

89608:Mountfort:RD85/22:KENCO:10/22/85:10/31/85:Kim:VO

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
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosure

Rec'd 10/17/85 RFM

Gilmore, Inc.
5501 Murray Road · Memphis, TN, U.S.A. 38119-3703
Phone (901) 761-5870 · Telex 533349 / 6828022 Ansbk – Gilmore Mfs
Cable: Gilmore Memphis

October 14, 1985

Mr. Richard Mountfort, Product Manager (23)
Fungicide-Herbicide Branch, TS-767
U.S. Environmental Protection Agency
Washington, DC 20460

Dear Mr. Mountfort:

Re: Product Chemistry/Revised Labeling
MCPA Sodium Salt, EPA File Symbol 42545-UL
MCPA Ester 4, EPA File Symbol 42545-UU
Your Letter of September 24, 1985

This letter is to supply additional product chemistry information as identified in your above referenced letter. Attached are the following items:

1. A discussion of the manufacturing process and the formation of impurities for 42545-UL and 42545-UU.

2. Certification of limits for 42545-UL and 42545-UU.

3. Information regarding the pH of 42545-UU.

4. Corrosion characteristics of 42545-UL and 42545-UU.

We trust that we have herewith addressed all your questions properly and await the registration of these products.

Best regards,

Franz Raninger

Franz Raninger, Ph.D.
Vice President

FR/sb

Enclosures

cc: Mr. John Kennedy

ACCEPTED
with comments
OCT 23 1985
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 42545-44

MCPA ESTER 4

HERBICIDE

FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:
Isooctyl ester of 2-methyl-4-chlorophenoxyacetic acid* 69.7%
INERT INGREDIENTS..... ..30.3%
TOTAL..... .100.0%

*Equivalent to 44.7% of 2-methyl-4-chlorophenoxy acetic acid isomer specific or not less than 3.7 pounds of 2-methyl-4-chlorophenoxy acetic acid isomer specific per gallon at 68°F Isomer specific by A.O.A.C. Method

KEEP OUT OF REACH OF CHILDREN

WARNING —AVISO

IF SWALLOWED: Get medical attention.
IF ON SKIN: Wash skin with soap and water.
IF IN EYES: Flush eyes with water for 15 minutes and get medical attention

SEE ADDITIONAL PRECAUTIONS ON LEFT SIDE PANEL

EPA Reg. No. 42545 EPA Est. No. 42545-MO-1

MANUFACTURED BY

Gilmore, Inc.
5501 Murray Road · Memphis, TN, U.S.A. 38119-3703
Phone (901) 761-5870 · Telex 533349 / 6828022
Cable: Gilmore Memphis

PRECAUCION AL USUARIO: SI USTED NO LEE INGLES, NO USE ESTE PRODUCTO HASTA QUE LA ETIQUETA LE HAYA SIDO EXPLICADA AMPLIAMENTE.

NET CONTENTS ___ ___ GALLONS LITERS

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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 breathe vapors

ENVIRONMENTAL HAZARDS

Do not apply directly to water
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

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

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 coveralll 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 spills 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

CONTROLS THESE AND OTHER WEEDS

Susceptible (Most Areas): Lambsquarters (goosefoot), Marsh Elder, Mustards (annual), Puncturevine, Ragweed, Stinkweed (Pennycress, Fanweed), Wild Radish, Yellow Rocket or Wintercress, Cocklebur, Goats Beard, Field Pepper Grass, Dragon Head Mint, Beggarticks, Poison Hemlock, Hempnettle, Shepherdspurse, Annual Sow Thistle, Kochia
Less Susceptible: Buttercups, Canada Thistle, Dandelions, Plantains, Stinging Nettle, Perennial Sow Thistle, Vetch, White Top or Hoary Cress, Russian Pigweed, Sunflower, Chervil, Miner's Lettuce, Purslane

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of MCPA ESTER 4 and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill

AMOUNT OF SPRAY TO APPLY

Apply 5 to 15 gallons of total spray per acre when making applications with ground equipment and 3 to 10 gallons of total spray per acre when making applications by aircraft unless directed otherwise under specific directions Carefully read the Environmental Hazards section of the Precautionary Statements for further information on spray volume

SELECTIVE SPRAYING

Wheat, Oats, Barley and Rye – Apply as a water mix spray by ground sprayer or airplane Use ½ 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 spray from boot to dough stage 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

FLAX

Use ¼ to ½ pint per acre Apply by ground sprayer or by airplane Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud Treatment after early bud stage may result in severe damage If Canada Thistle is present, it may be necessary to go as high as ¾ pint per acre to prevent seed head production Some injury to the flax may result
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

GRASSES

Established Grassland – Use 1 to 3 pints per acre in sufficient water (10 to 100 gallons) by airplane or ground sprayer application and give thorough coverage Use higher rate for White Top, Canada Thistle and other less susceptible weeds Spray perennials in early bud to full bloom stage and regrowth in fall, other weeds in spring or fall, when actively growing 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

GRASSES: (Grown for seed: aerial and surface applications):
Use 1 to 2 pints per acre, the 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: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES

Canada Thistle, White Top and Meadow Buttercup – For spot treatment, use ¾ pint to 3 to 4 gallons of water, or ¾ gallon in sufficient water to give coverage for most extensive areas Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth

GENERAL INFORMATION

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

CONDITION OF SALE, WARRANTY, LIMITATION OF LIABILTY

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 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

G265-4R5

CODING FORM FOR APPLICATIONS FOR REGISTRATION/AMENDMENTS

Record Number _____

Reference Number 1

File Symbol/ Reg. No. 42545-LL TM 21 Reviewer (09)ID No. ____ (08)Action Code 161

(10)Descriptor(Amend/Resubmissions Only) additional prod. chemistry

(05)Intrastate Call-In ____Yes ____No ( )Intrastate Company & Accession Number _____

(35)Date on Application 10/14/85 (MO DAY YR) (04)EPA Received Date 10/17/85 (MO DAY YR) (40)TM Received Date 10/17/85 (MO DAY YR)

*(30)Product Type(Circle One): A AR B/P D DE DP F H I IR FOR S

*(60)Applicant: _____

*(65)Chem Code(1)_____ Chem Name(1)_____

Chem Code(2)_____ Chem Name(2)_____

Chem Code(3)_____ Chem Name(3)_____

Chem Code(4)_____ Chem Name(4)_____

*(75)Proposed Use: _____

*(90)Petitions Pending(1)_____(2)_____(3)_____(4)_____

(100)Status: _____

FINAL ACTION: (115)Response Code 18 (120)Response Date 10/23/85 (MO DAY YR)

75-Day Response Due Date: ____ Yes ____ No

150-Day Response Due Date: ____ Yes ____ No

COMPLETE THE FOLLOWING ONLY IF RESPONSE CODE IS 17 OR 18

(80) Method of Support:

X (1)Cite-all ____(4)Not Applicable

____(2)Alternate ____(5)Not Submitted

____(3)Combined ____(6)Owner Submission

____(7)Total Permission

(85)Certification Statement:

X (1)Yes

____(2)Not Submitted

____(3)Not Applicable

*Complete Only For New Chemicals/New Uses

(Over)

Revised 8/83

(15)Child-Resistant Packaging: ____(C)Certification X (R)Non-Residential Use Only ____(S)Service Person ____(N)Not Applicable

(20)Final Classification: ____(R)Restricted ____(G)General X (N)Not Classified

(110)Conditional Registration Data Required (Enter Due Dates Only):

(1) (MO DAY YR) (2) (MO DAY YR) (3) (MO DAY YR)

(4) (MO DAY YR) (5) (MO DAY YR) (6) (MO DAY YR)

RAVEN CODING: X (Y)Yes ____(N)No

New Registration X (Y)____(N) Formula ____(Y)____(N)

Label File ____(Y)____(N) Other Files ____(Y)____(N)

Site/Pest ____(Y)____(N)

Reviews Requested:

(1)DIV/BR	(2) DATE SENT	(3) DUE DATE	(4)DATE RETURNED	(6)CODE	(7)DATE
RED					
ETB					
RCB					
PAD					
TB					
ND					
TM					
PL					
CM					
EF					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 24 1985

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

Dear Mr. Ranigar:

Subject: Product Chemistry/Revised Labeling
MCPA Sodium Salt
EPA File Symbol 42545-UL
MCPA Ester 4
EPA File Symbol 42545-UU
Your Submissions Dated September 11, 1985

The following product chemistry deficiencies were identified in the above submission:

61-2, 61-3 - Product Identity and Composition
Need discussion of manufacturing process/impurities since you are reacting [redacted] with MCPA (acid) for 42545-UL and since none of these data have been supplied for the MCPA isooctyl ester technical for 42545-UU.

62-2 - Certification of limits for active and inert ingredients.

63-12 - pH (for 42545-UU) Required for products dispersable in water.

63-20 - Corrosion characteristics (refer to Guidelines Reference, attached).

RD:JOB:89582:Mountfort:RD-74:Kendrick&Co:898-1270:9/23/85:Del:10/3/85:DKD

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

EPA Form 1320-1 (4-81)

OFFICIAL FILE COPY

Manufacturing process information may be entitled to confidential treatment

We also acknowledge receipt of revised draft labeling. Since only minor corrections will be necessary, we are deferring comments on labeling until product chemistry submissions are complete.

Sincerely yours,

Richard F. Mountfort
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767)

Attachment

Gilmore, Inc.
5501 Murray Road · Memphis, TN, U.S.A. 38119-3703
Phone (901) 761-5870 · Telex 53-3349 / WUI 6820822
Cable: Gilmore Memphis

September 11, 1985

Mr. Richard Mountfort
U.S. - E.P.A.
Fungicide - Herbicide Branch
Washington, D.C. 20460

RE: MCPA Ester 4
EPA File Symbol 42545-UU
Response to your letter of June 7

Dear Mr. Mountfort:

We are responding to the above mentioned letter, a copy of which is attached.

1. This point has been resolved. The 94% active ingredient has been accepted by the Agency in the meantime.

2. Offer to pay letters have been sent out to all data submitters mentioned in the EPA data submitter's list. (Edition dated 5/8/84.) Attached also find the signed general offer to pay statement.

3. Attached is the product chemistry data as required by 40 CFR § 158.120 for end use products.

4. We have made all required label changes. Five new draft labels are enclosed.

We trust we have addressed all your questions properly and await our registration soon.

Best regards,

Franz Raninger

Franz Raninger, Ph.D.
Vice President

FR/jp

Enclosures

CERTIFICATION WITH RESPECT TO CITATION OF DATA

EPA File Symbol/Reg. No. 42545-UU Date of application February 23, 1985

Name of Product MCPA Ester 4

Applicant's Name and Address Gilmore, Inc.
5501 Murray Rd.
Memphis, TN 38119

1. This application is supported by all data submitted or cited in the application. In addition, if cite-all options are indicated, this application is supported by all data in the Agency's files that concern the properties or effects of this product or of any other product that is identical or substantially similar, and that is one of the types of data that would be required to be submitted if this application sought the initial registration of a product of identical or similar composition and intended uses under the data requirements in effect on the date of approval of this application.

2. I certify that, for each study cited in support of this application for registration that is an exclusive use study, I have obtained the written permission of the original data submitter to cite that study.

3. I certify that, for each study cited in support of this application for registration that is not an exclusive use study:

I have obtained the written permission of the original data submitter to cite that study; or

I have notified in writing the companies who have submitted data I have cited to support this application and have offered to: (a) Pay compensation for those data in accordance with section 3(c)(1)(D) and 3(c)(2)(D) of the Federal Insecticide, Fungicide and Rodenticide Act; and (b) Commence negotiations to determine which data are subject to the compensation requirement of FIFRA and the amount and terms of compensation due, if any. The companies I have notified are: (Check one)

[X] All companies listed on the Pesticide Data Submitters List for all active ingredients contained in my product (Cite-all method or cite-all option under Selective Method). (Also sign the General Offer to Pay Statement below.)

[ ] Those companies who have submitted the studies which I have cited (Selective method)

Date September 11, 1985 Signature Frank Perry

Title Vice President

General Offer to Pay: I hereby offer and agree to pay compensation to other persons, with regard to the approval of this application, to the extent required by FIFRA sec. 3(c)(1)(D) and 3(c)(2)(D).

Date September 11, 1985 Signature Frank Perry

Title Vice President

MCPA Ester 4

EPA File Symbol 42545-UU

158.120 - Product Chemistry Data

61-1 Product identity and disclosure of ingredients - See enclosed Confidential Statement of Formula

Data not available on 42545-24

61-2 Description of beginning materials and manufacturing process - see enclosed Confidential Statement of Formula.

61-3 Discussion of formation of impurities - No impurities are formed during the blending process.

62-1 N/A, preliminary analysis not required for End-Use Products (Pesticide Assessment Guidelines, Subdivision D, page 55).

62-2 Certification of limits: See Confidential Statement of Formula enclosed.

62-3 Analytical method to verify certified limit: AOAC Method No. 6.373 (14th Edition).

63-2 Color: dark brown.

63-3 Physical State: Liquid.

63-4 Odor: Slight odor characteristic of 2-ethylhexanol.

63-5 Melting Point: N/A, melting point not required for End-Use Products (Pesticide Assessment Guidelines, Subdivision D, page 64).

63-6 Boiling Point: N/A, boiling point not required for End-Use Products (Pesticide Assessment Guidelines, Subdivision D, page 64).

63.7 Density: 8.29 Lb./Gal. at 68°F.

63-8 Solubility: N/A, solubility not required for End-Use Products (Pesticide Assessment Guidelines, Subdivision D, page 64).

63-9 Vapor Pressure: N/A, vapor pressure not required for End-Use Products (Pesticide Assessment Guidelines, Subdivision D, page 64).

63-10 Dissociation Constant: N/A, dissociation constant not required for End-Use Products (Pesticide Assessment Guidelines, Subdivision D, page 64).

63-11 N/A, octanol/water partition coefficient not required for End-Use Products (Pesticide Assessment Guidelines, Subdivision D, page 64).

63-12 pH: N/A, this is an oil based product.

63-13 N/A, stability not required for End-Use Products (Pesticide Assessment Guidelines, Subdivision D, page 64).

63-14 Oxidizing/reducing action: Product does not contain oxidizing or reducing agent.

63-15 Flammability: Flash point 130°F (TCC).

63-16 Explodability: Non-explosive.

63-17 Storage stability: Product is stable when stored at ambient temperatre in it's original container. See attached analytical data.

63-18 Viscosity: Approximately 12 centipoise.

63-19 N/A, Product is not to be diluted with petroleum solvents (Pesticide Assessment Guidelines, Subdivision D, page 64).

63-20 Corrosion characteristics: Non-corrosive.

63-21 Dielectric breakdown voltage: N/A, this product is not be used around electrical equipment (Pesticide Assessment Guidelines, Subdivision D, page 64).

8/27/85

MCPA Ester 4
EPA File Symbol 42545-UU

158.120 - Product Chemistry

63-17 Storage Stability - Attachment

The following data is submitted to support the statement that this is stable under normal storage conditions:

Product	Batch No.	Date Produced	Initial Analysis	Analysis As Of 8/26/85
MCPA LV Ester 4	#006,1984	04/05/84	44.5% MCPA	44.7% MCPA
MCPA LV Ester 4	#007,1984	04/06/84	44.6% MCPA	44.6% MCPA

The above analyses were conducted by Gilmore Chemicals, Inc. in accordance with the analytical outlined in AOAC 6.373 (14th Edition).

GILMORE CHEMICALS, INC.

Ron Collins
R. J. Collins
Chief Chemist

8/27/85

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

ENVIRONMENTAL HAZARDS

Do not apply directly to water

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

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

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

MCPA ESTER 4

HERBICIDE

FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:

Isooctyl ester of 2-methyl-4-chlorophenoxyacetic acid*	69.7%
INERT INGREDIENTS	30.3%
TOTAL	100.0%

*Equivalent to 44.7% of 2-methyl-4-chlorophenoxy acetic acid isomer specific or not less than 3.7 pounds of 2-methyl-4-chlorophenoxy acetic acid isomer specific per gallon at 68°F. Isomer specific by A.O.A.C. Method

KEEP OUT OF REACH OF CHILDREN

WARNING — AVISO (Similar to 464-579 - Cat. II skin effects)

IF SWALLOWED: Get medical attention.

IF ON SKIN: Wash skin with soap and water. Get medical attention

IF IN EYES: Flush eyes with water for 15 min[illegible] and get [illegible]cal attention

SEE ADDITIONAL PRECAUTIONS ON LEFT SIDE PANEL

EPA Reg. No. 42545 EPA Est. No. 42545-MO-1

MANUFACTURED BY

Gilmore, Inc.

5501 Murray Road · Memphis, TN, U.S.A. 38119-5703

Phone (901) 761-5870 · Telex 533349 / 6828022

Cable: Gilmore Memphis

PRECAUCION AL USUARIO: SI USTED NO LEE INGLES, NO USE ESTE PRODUCTO HASTA QUE LA ETIQUETA LE HAYA SIDO EXPLICADA AMPLIAMENTE.

NET CONTENTS ____ GALLONS LITERS

CONTROLS THESE AND OTHER WEEDS

Susceptible (Most Areas): Lambsquarters (goosefoot), Marsh Elder, Mustards (annual), Puncturevine, Ragweed, Stinkweed (Pennycress, Fanweed), Wild Radish, Yellow Rocket or Wintercress, Cocklebur, Goats Beard, Field Pepper Grass, Dragon Head Mint, Beggarticks, Poison Hemlock, Hempnettle, Shepherdspurse, Annual Sow Thistle, Kochia

Less Susceptible: Buttercups, Canada Thistle, Dandelions, Plantains, Stinging Nettle, Perennial Sow Thistle, Vetch, White Top or Hoary Cress, Russian Pigweed, Sunflower, Chervil, Miner's Lettuce, Purslane

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of MCPA ESTER 4 and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. Avoid use of small-diameter spray nozzles.

AMOUNT OF SPRAY TO APPLY

Apply 5 to 15 gallons of total spray per acre when making applications with ground equipment and 3 to 10 gallons of total spray per acre when making applications by aircraft unless directed otherwise under specific directions. Carefully read the Environmental Hazards section of the Precautionary Statements for further information on spray volume

SELECTIVE SPRAYING

Wheat, Oats, Barley and Rye – Apply as a water mix spray by ground sprayer or airplane. Use ½ 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 spray from boot to dough stage. 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

FLAX

Use ¼ to ½ pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada Thistle is present, it may be necessary to go as high as ¾ pint per acre to prevent seed head production. Some injury to the flax may result

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

GRASSES

Established Grassland – Use 1 to 3 pints per acre in sufficient water (10 to 100 gallons) by airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall, other weeds in spring or fall, when actively growing. 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

GRASSES: (Grown for seed: aerial and surface applications): Use 1 to 2 pints per acre, the 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: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES

Canada Thistle, White Top and Meadow Buttercup – For spot treatment, use ¾ pint to 3 to 4 gallons of water, or ¾ gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth (Specify Volume)

GENERAL INFORMATION

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

CONDITION OF SALE, WARRANTY, LIMITATION OF LIABILTY

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 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

G265-485

Gelmore / Chemie Linz are part of MCPA Task Force
Gelmore is "daughter" company of Chemie Linz See 12/7/84 ltr to Div. Div.

CODING FORM FOR APPLICATIONS FOR REGISTRATION/AMENDMENTS

Record Number _____

Reference Number 1

File Symbol/ Reg. No. 42545-UL TM 23 Reviewer (09)ID No. _____ (08)Action Code 161

(10)Descriptor(Amend/Resubmissions Only) Product Chemistry / Revised labeling

(05)Intrastate Call-In ___ Yes ✓ No ( )Intrastate Company & Accession Number _____

(35)Date on Application 09/11/85 (MO DAY YR) (04)EPA Received Date 10/01/85 (MO DAY YR) (40)TM Received Date 10/01/85 (MO DAY YR)

*(50)Product Type(Circle One): A AR B/T D DE DF F H I IR PGR S

*(60)Applicant: _____

*(65)Chem Code(1) _____ Chem Name(1) _____

Chem Code(2) _____ Chem Name(2) _____

Chem Code(3) _____ Chem Name(3) _____

Chem Code(4) _____ Chem Name(4) _____

*(75)Proposed Use: _____

*(90)Petitions Pending(1) _____ (2) _____ (3) _____ (4) _____

(100)Status: _____

FINAL ACTION: (115)Response Code 11 (120)Response Date 09/24/85 (MO DAY YR)

75-Day Response Due Date: ___ Yes ___ No

150-Day Response Due Date: ___ Yes ___ No

COMPLETE THE FOLLOWING ONLY IF RESPONSE CODE IS 17 OR 18

(80) Method of Support:

✓ (1)Cite-all ___ (4)Not Applicable

___ (2)Alternate ___ (5)Not Submitted

___ (3)Combined ___ (6)Owner Submission

___ (7)Total Permission

(85)Certification Statement:

✓ (1)Yes

___ (2)Not Submitted

___ (3)Not Applicable

*Complete Only For New Chemicals/New Uses

(Over)

Revised 8/83

(15)Child-Resistant Packaging: ___ (C)Certification ___ (R)Non-Residential Use Only ___ (S)Service Person ✓ (N)Not Applicable

(30)Final Classification:

___ (R)Restricted ___ (G)General ✓ (N)Not Classified

(110)Conditional Registration Data Required (Enter Due Dates Only):

(1) ___ (MO DAY YR) (2) ___ (MO DAY YR) (3) ___ (MO DAY YR)

(4) ___ (MO DAY YR) (5) ___ (MO DAY YR) (6) ___ (MO DAY YR)

RAVEN CODING: ___ (Y)Yes ✓ (N)No

New Registration ___ (Y) ___ (N) Formula ___ (Y) ___ (N)

Label File ___ (Y) ___ (N) Other Files ___ (Y) ___ (N)

Site/Test ___ (Y) ___ (N)

Reviews Requested:

(1)DIV/BR	DATE (2) SENT	DUE (3) DATE	DATE (4)RETURNED	RESPONSE (6)CODE	RESPONSE (7)DATE
RED					
EFB					
RCB					
EAB					
TB					
RD					
PM					
PL					
CI					
EF					

Franz Raninger, Ph.D.
Gilmore, Inc.
5501 Murray Road
Memphis, TN 38119-3703

JUN 7 1985

Dear Dr. Raninger:

Subject: MCPA Ester 4
EPA File Symbol 42545-UU
Your Submission of May 29, 1985

We are unable to complete processing of the above application for the following reasons:

1. We are unable to verify the active ingredient percentage. We have not accepted the 94% active ingredient declaration for EPA Registration No. 42545-24. Refer to our December 19, 1984 letter, addressed to John W. Kennedy.

2. The authorization for John W. Kennedy to handle all registration matters expired on April 30, 1985. Since he signed the "Offer to Pay and General Offer to Pay" statement on May 31, 1985, submit documentation that he still is authorized to handle all registration matters for this product or submit a new statement. We note that you included two letters dated April 15, 1985, to Union Carbide and Rhone-Poulenc; however, the letters don't offer and agree to pay compensation and there are other data submitters for this active ingredient. Refer to the attached PR Notice 85-3 and data submitters list.

3. You must submit the product chemistry data required by the attached 40 Code of Federal Regulations (CFR) §158.30 (b)(3)(i). This required (R) data is identified in 40 CFR §158.120 with an EP*.

4. Submit five draft labels with the following corrections:

   a. Since you chose the Cite-All Method of Support, change the signal word CAUTION to WARNING wherever it appears on the label. Add the Toxicity Category II statements for skin effects specified in 40 Code of Federal Regulation §162.10 (h)(2)(i)(B).

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

EPA Form 1320-1 (4-81)

OFFICIAL FILE COPY

b. Delete the specific AOAC Method Number in the ingredient substatement since it changes with each new edition of the AOAC Manual.

c. Note that the Farm Worker Safety Statements from PR Notice 83-2 are not required to appear on the label for this product.

Sincerely yours,

Richard F. Mountfort
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767)

RD/FHB:JOB:89471:Mountfort:RD:85/36:Kendrick&Co:898-1270:6/5/85:Del:6/12/12:DKD

Gilmore, Inc.
5501 Murray Road · Memphis, TN, U.S.A. 38119-3703
Phone (901) 761-5870 · Telex 533349/6828022 Ansbk-Gilmore Mfs
Cable: Gilmore Memphis

May 29, 1985

Mr. Richard Mountfort, Product Manager (23)
Environmental Protection Agency
Fungicide-Herbicide Branch, Registration Division (TS-767)
Crystal Mall No. 2, Suite 516
1921 Jefferson Davis Highway
Arlington, VA 22202

Subject: MCPA Ester 4
MCPA - Sodium Salt
Our submissions of February 27 and your subsequent comments

Dear Mr. Mountfort:

In response to your comments on the above submissions:

1. We use the Cite-All method. New Attachment B forms are attached.

2. Our old MCPA Ester Tech label, EPA Reg. No. 42545-24 called for a 99% active tech ester based on a non isomer specific analytical method. In the Fall of 1984 we submitted an updated MCPA Ester Tech Confidential Statement of Formula (CSF) showing a 94% pure 2M4CPA Ester determined by the isomer specific A.O.A.C. method (6.A 18-22, 13th Edition).

Our MCPA Ester 4 application, EPA File Symbol No. 42545-UU, is based on the 94% isomer specific tech ester. Therefore, we feel the submitted CSF is correct showing the active ingredient and the inerts of the MCPA Ester separately to match the percentages on the label.

3. Statement on access to MCPA Task Force Data through Chemie Linz has been previousely submitted.

4. New drafts of labels for MCPA Ester 4 and MCPA Sodium Salt are attached.

We trust that the above properly addresses all your questions.

Best regards,

Franz Raninger

Franz Raninger, Ph.D.
Vice President

FR/sb

Enclosures

cc: Mr. John W. Kennedy

ATTACHMENT B

CERTIFICATION WITH RESPECT TO OFFER TO PAY AND GENERAL OFFER TO PAY

EPA File Symbol/Reg. No. ~~42545~~ Date of application May 31, 1985

Name of Product ~~MCPA ESTER 4 and MCPA SODIUM SALT~~

Applicant's Name and Address Gilmore, Inc.

5501 Murry Road, Memphis, Tn. 38119-3703

I certify that, for each study listed in the list of data requirements under Section II.A. of PR Notice 84-4 that is not entitled to exclusive use protection:

1. I have obtained the written permission of the original data submitter to cite that study in support of his application; or

(2.) I have notified in writing by certified mail, return receipt requested, the companies who have submitted data I have cited to support this application and have offered to: (1) Pay compensation for those data in accordance with sections 3(c)(1)(D) and 3(c)(2)(D) of the Federal Insecticide, Fungicide and Rodenticide Act; and (2) Commence negotiations to determine which data are subject to the compensation requirement of FIFRA, and the amount and terms of compensation due, if any.

The companies I have notified are: (Check one)

[X] All companies listed on the Pesticide Data Submitters List for all active ingredients contained in my product (Cite-All method).

[ ] Those companies who have submitted the studies which I have cited (Selective method).

I hereby offer and agree to pay compensation to other parties, with regard to the approval of this application, to the extent required by section 3(c)(1)(D) and section 3(c)(2)(D) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended.

Signature: [signature]

Title: President, JWKC - Consultant to Gilmore, Inc.

Date: May 31, 1985

Gilmore, Inc.
5501 Murray Road · Memphis, TN, U.S.A. 38119-3703
Phone (901) 761-5870 · Telex 53-3349 / WUI 6820822
Cable: Gilmore Memphis

December 10, 1984

Mr. Douglas Campt
U. S. Environmental Protection Agency
Registration Division
1921 Jefferson Davis Highway
Crystal City Mall, Building 2
Arlington, VA 22202

Dear Mr. Campt:

We hereby authorize John W. Kennedy of John W. Kennedy Consultants, Inc. to act on our behalf in all matters dealing with the clearance of pesticides at the E.P.A. with the exception of our clearance and the E.U.P. of the herbicides Pyridate EUP File No. 42545-EUP-R.

This authorization is valid to April 30, 1985.

Yours truly,

Roger E. Gilmore
President

REG/sb

cc: Mr. John W. Kennedy

STATE OF TENNESSEE
COUNTY OF SHELBY

Before me, a Notary Public in and for said State and County, duly commissioned and qualified, personally appeared Roger E. Gilmore to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

WITNESS my hand and Notarial Seal at office this 10th day of December, 1984.

Merida S. Bondurant
Notary Public

My Commission Expires: MY COMMISSION EXPIRES NOV. 8, 1987

P. 600-155-800

Gilmore, Inc.
5501 Murray Road · Memphis, TN, U.S.A. 38119-3703
Phone (901) 761-5870 · Telex 533349 / 6828022 Ansbk – Gilmore Mfs
Cable: Gilmore Memphis

April 15, 1985

Return Receipt Requested

Union Carbide Agricultural Products Co., Inc.
Office of Regulatory Affairs
P.o. Box 12014, T.W. Alexander Drive
Research Triangle Park, NC 27709

RE: EPA Code 030502

Gentlemen:

We are using the "Cite-All" provision of FIFRA to apply for new registrations on MCPA Sodium Salt 2 lb./gallon. Since you are a data lister we would appreciate your signing off our citing your data.

If this is not possible, please cite the data you have and the compensation for same by return mail.

Gilmore, Inc. is a member of the MCPA Task Force through its joint venture with Chemie Linz and the provisions thereunder. We request your response within thirty (30) days. If we do not have a return response it will be determined that you do not seek compensation.

Your prompt response will be appreciated.

Best regards,

Roger E. Gilmore
President

REG/sb

We agree to allow Gilmore, Inc. to cite our data on MCPA Sodium Salt.

By:_____

_____
(Company)

P-600-155-799

Gilmore, Inc.
5501 Murray Road · Memphis, TN, U.S.A. 38119-3703
Phone (901) 761-5870 · Telex 533349 / 6828022 Ansbk – Gilmore Mfs
Cable: Gilmore Memphis

April 15, 1985

Return Receipt Requested

Rhone-Poulenc, Inc.
Agrochemicals Division
P.O. Box 125
Monmouth Junction, NJ 08852

RE: EPA Code 030502

Gentlemen:

We are using the "Cite-All" provision of FIFRA to apply for new registrations on MCPA Sodium Salt 2 lb./gallon. Since you are a data lister we would appreciate your signing off our citing your data.

If this is not possible, please cite the data you have and the compensation for same by return mail.

Gilmore, Inc. is a member of the MCPA Task Force through its joint venture with Chemie Linz and the provisions thereunder. We request your response within thirty (30) days. If we do not have a return response it will be determined that you do not seek compensation.

Your prompt response will be appreciated.

Best regards,

Roger E. Gilmore
President

REG/sb

We agree to allow Gilmore, Inc. to cite our data on MCPA Sodium Salt.

By:_____

_____
(Company)

MCPA ESTER 4

HERBICIDE

FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:	
Isooctyl ester of 2-methyl-4-chlorophenoxyacetic acid*	69.7%
INERT INGREDIENTS	30.3%
TOTAL	100.0%

*Equivalent to 44.7% of 2-methyl-4-chlorophenoxy acetic acid isomer specific or not less than 3.7 pounds of 2-methyl-4-chlorophenoxy acetic acid isomer specific per gallon at 68°F. Isomer specific by A.O.A.C. Method No. 6A 18-22.

KEEP OUT OF REACH OF CHILDREN

CAUTION – AVISO

IF SWALLOWED: Get medical attention.
IF ON SKIN: Wash skin with soap and water.
IF IN EYES: Flush eyes with water for 15 minutes and get medical attention.
SEE ADDITIONAL PRECAUTIONS ON LEFT SIDE PANEL

EPA Reg. No. 42545 EPA Est. No. 42545-MO-1

MANUFACTURED BY

Gilmore, Inc.
5501 Murray Road · Memphis, TN, U.S.A. 38119-3703
Phone (901) 761-5870 · Telex 533349 / 6828022
Cable: Gilmore Memphis

PRECAUCION AL USUARIO: SI USTED NO LEE INGLES, NO USE ESTE PRODUCTO HASTA QUE LA ETIQUETA LE HAYA SIDO EXPLICADA AMPLIAMENTE.

NET CONTENTS _____ GALLONS LITERS

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid contact with skin, eyes or 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.

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.

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.

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.

CONTROLS THESE AND OTHER WEEDS

Susceptible (Most Areas): Lambsquarters (goosefoot), Marsh Elder, Mustards (annual), Puncturevine, Ragweed, Stinkweed (Pennycress, Fanweed), Wild Radish, Yellow Rocket or Wintercress, Cocklebur, Goats Beard, Field Pepper Grass, Dragon Head Mint, Beggarticks, Poison Hemlock, Hempnettle, Shepherdspurse, Annual Sow Thistle, Kochia.

Less Susceptible: Buttercups, Canada Thistle, Dandelions, Plantains, Stinging Nettle, Perennial Sow Thistle, Vetch, White Top or Hoary Cress, Russian Pigweed, Sunflower, Chervil, Miner's Lettuce, Purslane.

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of MCPA ESTER 4 and continue filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill.

AMOUNT OF SPRAY TO APPLY

Apply 5 to 15 gallons of total spray per acre when making applications with ground equipment and 3 to 10 gallons of total spray per acre when making applications by aircraft unless directed otherwise under specific directions. Carefully read the Environmental Hazards section of the Precautionary Statements for further information on spray volume.

SELECTIVE SPRAYING

Wheat, Oats, Barley and Rye – Apply as a water mix spray by ground sprayer or airplane. Use ½ 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 spray from boot to dough stage. 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.

FLAX

Use ¼ to ½ pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada Thistle is present, it may be necessary to go as high as ¾ pint per acre to prevent seed head production. Some injury to the flax may result.

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.

GRASSES

Established Grassland – Use 1 to 3 pints per acre in sufficient water (10 to 100 gallons) by airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. 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.

GRASSES: (Grown for seed: aerial and surface applications):
Use 1 to 2 pints per acre, the higher rate where weed stands are heavy. In established grasses apply in spring before head comes up to boot and on seedling grass after grass has tillered.
NOTE: For weed control in grasses, repeated treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment.

NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES

Canada Thistle, White Top and Meadow Buttercup – For spot treatment, use ¼ pint to 3 to 4 gallons of water, or ¾ gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

GENERAL INFORMATION

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

CONDITION OF SALE, WARRANTY, LIMITATION OF LIABILTY

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 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.

G265-485

CODING FORM FOR APPLICATIONS FOR REGISTRATION/AMENDMENTS

Record Number _____

Reference Number 1

File Symbol/ Reg. No. 42545-UU PM 23 Reviewer (09)ID No. _____ (08)Action Code 161

(10)Descriptor(Amend/Resubmissions Only) _____

(05)Intrastate Call-In ____Yes ____No ( )Intrastate Company & Accession Number _____

(35)Date on Application 015|29|815 (04)EPA Received Date 015|31|815 (40)PM Received Date 015|31|815

*(50)Product Type(Circle One): A AR B/P D DE DP F H I IR PGR S

*(60)Applicant: _____

*(65)Chem Code(1) _____ Chem Name(1) _____

Chem Code(2) _____ Chem Name(2) _____

Chem Code(3) _____ Chem Name(3) _____

Chem Code(4) _____ Chem Name(4) _____

*(75)Proposed Use: _____

*(90)Petitions Pending(1) _____ (2) _____ (3) _____ (4) _____

(180)Status: _____

FINAL ACTION: (115)Response Code 13 (120)Response Date 096|17|815

75-Day Response Due Date: ____ Yes X No

150-Day Response Due Date: ____ Yes ____ No

COMPLETE THE FOLLOWING ONLY IF RESPONSE CODE IS 17 OR 18

(80) Method of Support:

Y (1)Cite-all ____(4)Not Applicable

____(2)Alternate ____(5)Not Submitted

____(3)Combined ____(6)Owner Submission

____(7)Total Permission

(85)Certification Statement:

____(1)Yes

____(2)Not Submitted

____(3)Not Applicable

*Complete Only For New Chemicals/New Uses

(Over)

Revised 8/83

(15)Child-Resistant Packaging: ____(C)Certification ____(R)Non-Residential Use Only ____(S)Service Person X (N)Not Applicable

(30)Final Classification:

____(R)Restricted ____(G)General X (N)Not Classified

(110)Conditional Registration Data Required (Enter Due Dates Only):

(1) MO DAY YR (2) MO DAY YR (3) MO DAY YR

(4) MO DAY YR (5) MO DAY YR (6) MO DAY YR

RAVEN CODING: ____(Y)Yes X (N)No

New Registration ____(Y)____(N) Formula ____(Y)____(N)

Label File ____(Y)____(N) Other Files ____(Y)____(N)

Site/Pest ____(Y)____(N)

Reviews Requested:

(1)DIV/BR	DATE (2) SENT	DUE (3) DATE	DATE (4)RETURNED	RESPONSE (6)CODE	RESPONSE (7)DATE
RED					
EFB					
RCB					
EAB					
TB					
RD					
PM					
PL					
CM					
EF					

Roger E. Gilmore
Gilmore, Inc.
5501 Murray Rd.
Memphis, TN 38119-3703

APR 19 1985

Dear Mr. Gilmore:

Subject: Applications for Registration
MCPA Sodium Salt
EPA File Symbol 42545-UL
MCPA Ester 4
EPA File Symbol 42545-UU
Your Submissions Dated February 23, 1985, and
Received by EPA April 9, 1985

The applications referred to above have been determined, pursuant to 40 CFR Sec. 162.6 (a)(5), not to be sufficiently complete to process. Information specified below must be submitted before processing of these applications can be completed. If such information or a written request for additional time is not submitted to the Registration Division within 75 days of the date of this letter, the applications will be either administratively withdrawn or denied pursuant to provisions of 40 CFR Sec. 162.7(g).

We have the following comments on these applications:

1. You have not adequately addressed procedures in PR Notice 84-4. You must specify which method you intend to use (Selection or Cite-All), selecting one method only per application. We cannot determine which method you intend to pursue for these applications since you have selected both methods of data support on the Attachment B forms submitted. In any case, product specific chemistry must be submitted for each product, and for other applicable data requirements in Part 158 you must submit/cite data (Selective Method) or demonstrate that you have made appropriate offers-to-pay to data submitters (Cite-All). Attachment B should be submitted for either method. We note that since the formulator's exemption does not apply to these applications you are responsible for all generic data to support your use patterns.

CONCURRENCES								
SYMBOL ▶								
SURNAME ▶								
DATE ▶								

EPA Form 1320-1 (4-81)

OFFICIAL FILE COPY

2. The paperwork for this application is incompletely and/or inappropriately filled out. EPA Form 8570-23 is no longer in use, having been replaced by Attacment B which we have previously noted was incorrectly completed for these applications. You also need to note the container size(s) for each product on the application forms. The formula statement for MCPA Ester 4 (-UU) claims 74.1% of your 99% Technical Isooctylester (42545-24) which represents an average of 3.7% active ingredient based on labeling submitted. Please resubmit this CSF and show your column 15 active ingredient figure as total amount of 42545-24 you are claiming. We do not consider a separate inert ingredient claim from technical material appropriate when incorporated into an end-use formulation.

3. Since a registration Standard has been issued on MCPA, you must make appropriate commitments to submit the required data for each product. This includes preparing a 3(c)2(B) summary sheet and furnishing any accompanying materials (such as certification of MCPA task force membership). This commitment is required on a product-by-product basis.

4. It is likely, if you decide to pursue the Cite-All method of data support, that changes in signal word would be involved. Data in our files for formulations similar to the ones you propose indicate that the correct signal word is WARNING. You may want to consider testing your formulations for acute toxicological effects.

We are not making detailed comments on labeling at this time. We note, however, that labeling for MPA Sodium Salt (-UL) must consolidate information on application sites. For example, directions for small grains are repeated in three separate locations. Further, it is confusing to recommend overall spray volumes that do not appear to match, those specified elsewhere on label (i.e., reference is made to a maximum volume of 40 gallons for ground application in general directions although up to 100 gallons of spray may be applied on specific sites). If you wish to submit additional draft labeling, reorganizing the directions on this label, it will reduce labeling comments necessary in the future.

Sincerely yours,

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

Enclosure

JOB:RD85-15:89979:Taylor:4/16/85:Del:4/22/85:Kendrick:898-1270:DAA

.46
8 | 3.7
32
50
48

grains

.46 ai/pint
3
1.38 lbai/acre

Flax .46
.75
230
322
.345 0 lbai/acre

Chris,
Have we accepted term "Grassland" before? yes
Grasses 1.38 lbai/acre

$$\begin{array}{r} 3 \\ .46 \\ 6 \\ \hline 2.76 \end{array}$$

May need category II
skin statements

PRECAUTIONARY STATEMENTS

CAUTION WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid contact with skin, eyes or 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.
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.

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 m[illegible] 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 worn 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.
In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

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, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Use rates / sites OK

MCPA ESTER 4

HERBICIDE

FOR SELECTIVE CONTROL OF CERTAIN WEEDS IN WHEAT, OATS, BARLEY, RYE, GRASSLAND AND IN NON-CROP AREAS

ACTIVE INGREDIENT:

Isooctyl ester of 2-methyl-4-chlorophenoxyacetic acid*	49.7% ?
INERT INGREDIENTS	50.3%
TOTAL	100.0%

*2-methyl-4-chlorophenoxyacetic acid equivalent: 44.7%–3.7 pounds per gallon specific.

KEEP OUT OF REACH OF CHILDREN

CAUTION WARNING?

IF SWALLOWED: Get medical attention.
IF ON SKIN: Wash skin with soap and water.
IF IN EYES: Flush eyes with water for 15 minutes and get medical attention.

SEE ADDITIONAL PRECAUTIONS ON LEFT SIDE PANEL

EPA Reg. No 42545 EPA Est. No. 42545-MO-1

MANUFACTURED BY

Gilmore Chemicals, Inc.
5501 Murray Road · Memphis, TN, U.S.A. 38119-3703
Phone (901) 761-5870 · Telex 53-3349 / WUI 6820822
Cable: Gilmore Memphis

NET CONTENTS: _____ GALLONS _____ LITERS

CONTROLS THESE AND OTHER WEEDS

Susceptible (Most Areas): Lambsquarters (goosefoot), Marsh Elder, Mustards (annual), Punctureviine, Ragweed, Smartweed (Pennycress, Fanweed), Wild Radish, Yellow Rocket or Wintercress, Cocklebur, Goats Beard, Field Pepper Grass, Dragon Head Mint, Beggarticks, Poison Hemlock, Hawgweeds, Shepherdspurse, Annual Sow Thistle, Kochia.
Less Susceptible: Buttercups, Canada Thistle, Dandelions, Plantains, Stinging Nettle, Perennial Sow Thistle, Vetch, White Top or Hoary Cress, Russian Pigweed, Sunflower, Chervil, Miner's Lettuce, Purslane.

PREPARATION OF THE SPRAY

Fill the spray tank with half the required amount of water, then add the recommended amount of MCPA ESTER 4 filling the spray tank with the balance of water. Keep agitator running when filling spray tank and during spray operations. For crop uses, do not mix with oil, surfactant or other adjuvants as this may reduce selectivity to crops resulting in crop damage or kill. Avoid use of small-diameter spray nozzles.

AMOUNT OF SPRAY TO APPLY

Apply 5 to 15 gallons of total spray per acre when making applications with ground equipment and 3 to 10 gallons of total spray per acre when making applications by aircraft unless directed otherwise under specific directions. Carefully read the Environmental Hazards section of the Precautionary Statements for further information on spray volume.

SELECTIVE SPRAYING

✓ 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 spray from boot to dough stage. 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.

✓ FLAX
Use ¼ to ½ pint per acre. Apply by ground sprayer or by airplane. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada Thistle is present, it may be necessary to go as high as ¾ pint per acre to prevent seed head production. Some injury to the flax may result.

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.

✓ GRASSES
Established Grassland – Use 1 to 3 pints per acre in sufficient water (10 to 100 gallons) by airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and regrowth in fall; other weeds in spring or fall, when actively growing. DO NOT forage or graze meat animals within 7 days of slaughter. DO NOT forage or graze dairy animals on treated areas within 7 days after treatment.

GRASSES Grown for seed: aerial and surface applications: Use 1 to 2 pints per acre, the 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: For weed control in grasses, repeat treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustinegrasses may also be injured by treatment.

✓ NON-CROP SPRAYING ALONG FENCE ROWS AND ROADSIDES
Canada Thistle, White Top and Meadow Buttercup – For spot treatment, use ¼ pint to 3 to 4 gallons of water, or ¾ gallon in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth. Do not forage or graze livestock on treated areas within 7 days of treatment.

72 lbs/acre

Specific Volume

GENERAL INFORMATION

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

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 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.

JOHN W. KENNEDY CONSULTANTS, INC.
608 WASHINGTON BLVD., SUITE 406, LAUREL, MD 20707
(301) 490-1600

23 Feb 85

Mr. Richard Mountfort
US Environmental Protection Agency
Product Manager(23)
Fungicide-Herbicide Branch
Registration Division (TS-767)
Crystal City Mall #2
1921 Jefferson Davis Highway
Arlington, VA 22202

Dear Mr. Mountfort:

SUBJECT: Gilmore Chemicals, Inc.
MCPA Ester 4
EPA Reg. No. 42545-

JOHN W. KENNEDY CONSULTANTS, INC. represents Gilmore Chemicals, Inc. in matters dealing with the registration of the subject herbicide.

The MCPA Ester 4 is an identical product to a Wilbur-Ellis product (copy of label attached). Gilmore Chemicals, Inc. is on the MCPA Task Force and has an agreement with other members to share data.

Thank you for your consideration in this matter.

Sincerely,

John W. Kennedy

John W. Kennedy

Encl: a/s

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDE PROGRAMS (H-767)
WASHINGTON, D.C. 20460

APPLICATION FOR PESTICIDE: ☒ REGISTRATION ☐ AMENDMENT A

Please read instructions on reverse before completing.

SECTION I

1. COMPANY/PRODUCT NO.	2. DATE	3. PRODUCT MANAGER	4. PROPOSED CLASSIFICATION
42545-~~XXX~~ UU	23 Feb 85	Richard Mountfort	☒ GENERAL ☐ RESTRICTED

5. NAME AND ADDRESS OF APPLICANT (Include ZIP Code)

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

☐ CHECK IF THIS IS A NEW ADDRESS

6. PRODUCT NAME

MCPA Ester 4

SECTION II

1. SUBJECT OF AMENDMENT

☐ RESUBMISSION IN RESPONSE TO AGENCY LETTER DATED _____

☐ FINAL PRINTED LABEL IN RESPONSE TO AGENCY LETTER DATED _____

☒ OTHER (explain below)

New Registration

SECTION III

1. WILL THIS PRODUCT BE PACKAGED IN:

CHILD-RESISTANT PACKAGING ☒ YES ☐ NO

UNIT PACKAGING ☒ YES ☐ NO

If YES, unit pkg. wt. _____ No. per container _____

WATER-SOLUBLE PACKAGING ☐ YES ☒ NO

If YES, pkg. wt. _____ No. per container _____

2. TYPE OF CONTAINER

☒ METAL
☐ PLASTIC
☐ GLASS
☐ PAPER
☐ OTHER (Specify)

3. LOCATION OF NET CONTENTS

☒ LABEL ☐ CONTAINER

4. SIZE(S) OF RETAIL CONTAINER

5. LOCATION OF LABEL DIRECTIONS

☒ ON LABEL
☐ ON MATERIAL ACCOMPANYING PRODUCT

6. MANNER IN WHICH LABEL IS AFFIXED TO PRODUCT

☐ LITHOGRAPH ☐ OTHER (Specify)
☒ PAPER GLUED
☐ STENCILED

SECTION IV

1. CONTACT POINT (Complete items directly below for identification of individual to be contacted, if necessary, to process this application).

JOHN W. KENNEDY CONSULTANTS, INC.
608 Washington Blvd., Suite #406
Laurel, MD 20707

TITLE: Consultant

TELEPHONE NO. (Include Area Code): (301)490-1600

2. SIGNATURE: John W. Kennedy

3. TITLE: Consultant

4. TYPED NAME: John W. Kennedy

5. DATE SIGNED: 23 Feb 85

6. DATE APPLICATION RECEIVED (Stamped)

ATTACHMENT B

CERTIFICATION WITH RESPECT TO OFFER TO PAY AND GENERAL OFFER TO PAY

EPA File Symbol/Reg. No. 42545-xxx Date of application 23 Feb 85

Name of Product MCPA Ester 4

Applicant's Name and Address Gilmore, Inc.
5501 Murray Raod
Memphis, TN 38119-3703

I certify that, for each study listed in the list of data requirements under Section II.A. of PR Notice 84-4 that is not entitled to exclusive use protection:

1. I have obtained the written permission of the original data submitter to cite that study in support of his application; or

2. I have notified in writing by certified mail the companies who have submitted data I have cited to support this application and have offered to: (1) Pay compensation for those data in accordance with sections 3(c)(1)(D) and 3(c)(2)(D) of the Federal Insecticide, Fungicide and Rodenticide Act; and (2) Commence negotiations to determine which data are subject to the compensation requirement of FIFRA, and the amount and terms of compensation due, if any.

The companies I have notified are: (Check one)

[ ] All companies listed on the Pesticide Data Submitters List for all active ingredients contained in my product (Cite-All method).

[ ] Those companies who have submitted the studies which I have cited (Selective method).

I hereby offer and agree to pay compensation to other parties, with regard to the approval of this application, to the extent required by section 3(c)(1)(D) and section 3(c)(2)(D) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended.

Signature: John W. Kennedy

Title: President, John W. Kennedy Con., Inc.
Consultant for Gilmore, Inc.

Date: 23 Feb 85

Form Approved OMB No. 2000-0012

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAM (TS-767)
WASHINGTON, D.C. 20460

EPA

OFFER TO PAY STATEMENT

Cite-All Method of Compensation

(Please read instructions on reverse before completing.)

1. DATE: 23 Feb 85

2. EPA REGISTRATION NO./FILE SYMBOL: 42545-xxx

3. PRODUCT MANAGER: Richard Mountfort

4. NAME AND ADDRESS OF APPLICANT *(Write or print within the corner marks; include zip code.)*

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

5. PRODUCT NAME

MCPA Ester 4

This is an Offer to Pay Compensation under 40 CFR 162.9-4 and -5 in connection with an Application for Registration.

Applicant offers and agrees to pay compensation to other persons with regard to the approval of this application, to the extent required by Sections 3(c)(1)(D) and 3(c)(2)(D) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (FIFRA).

Applicant acknowledges that for purposes of FIFRA 3(c)(1)(D) this application, and any resulting registration, relies on the following data:

1. Any data submitted or specifically cited by the applicant; and
2. Each other item of data in the Agency's files which:
   a. Concerns the properties or effects of:
      (1) Applicant's product;
      (2) A product identical or substantially similar in composition to applicant's product; or
      (3) One or more of the active ingredients of applicant's product for which EPA has not published a final generic standard; and
   b. Is one of the types of data that EPA would require to be submitted for scientific review if the application sought the initial registration under FIFRA Section 3(c)(5) of a product with composition and uses indentical or substantially similar to those of the applicant's product, under the data requirements in effect on the date EPA approves applicant's present application.

12. DATE APPLICATION RECEIVED *(EPA use only — stamped)*

7.
- [X] I have notified the appropriate companies and attached the Certification Statement.
- [ ] The Certification Statement will be submitted prior to registration.

8. NAME OF APPROVING OFFICIAL: John W. Kennedy

9. TITLE: Consultant

10. SIGNATURE OF APPROVING OFFICIAL: John W. Kennedy

11. DATE SIGNED: 23 Feb 85

EPA Form 8570-23 (1-81)

CODING FORM FOR APPLICATIONS FOR REGISTRATION/AMENDMENTS

Record Number _____

Reference Number _____

File Symbol/ Reg. No. 42545-44 TM 23 Reviewer (09)ID No. _____ (08)Action Code 160

(10)Descriptor(Amend/Resubmissions Only) _____

(05)Intrastate Call-In ____Yes ✓No ( )Intrastate Company & Accession Number _____

(35)Date on Application 02 23 85 (04)EPA Received Date 04 09 85 (40)TM Received Date 04 11 85

*(50)Product Type(Circle One): A AR B/F D DE DP F H I IR PGR S

*(60)Applicant: _____

*(65)Chem Code(1) _____ Chem Name(1) _____

Chem Code(2) _____ Chem Name(2) _____

Chem Code(3) _____ Chem Name(3) _____

Chem Code(4) _____ Chem Name(4) _____

*(75)Proposed Use: _____

*(90)Petitions Pending(1) _____ (2) _____ (3) _____ (4) _____

(180)Status: _____

FINAL ACTION: (115)Response Code 10 (120)Response Date 04 19 85

75-Day Response Due Date: ____ Yes ____ No

150-Day Response Due Date: ____ Yes ____ No

COMPLETE THE FOLLOWING ONLY IF RESPONSE CODE IS 17 OR 18

(80) Method of Support:

____(1)Cite-all ____(4)Not Applicable

____(2)Alternate ✓(5)Not Submitted

____(3)Combined ____(6)Owner Submission

____(7)Total Permission

(85)Certification Statement:

____(1)Yes

✓(2)Not Submitted

____(3)Not Applicable

*Complete Only For New Chemicals/New Uses

(Over)

Revised 8/83

(15)Child-Resistant Packaging: ____(C)Certification ____(R)Non-Residential Use Only ____(S)Service Person ✓(N)Not Applicable

(30)Final Classification:

____(R)Restricted ____(G)General ✓(N)Not Classified

(110)Conditional Registration Data Required (Enter Due Dates Only):

(1) MO DAY YR (2) MO DAY YR (3) MO DAY YR

(4) MO DAY YR (5) MO DAY YR (6) MO DAY YR

RAVEN CODING: ____(Y)Yes ✓(N)No

New Registration ____(Y)____(N) Formula ____(Y)____(N)

Label File ____(Y)____(N) Other Files ____(Y)____(N)

Site/Test ____(Y)____(N)

Reviews Requested:

(1)DIV/BR	(2) DATE SENT	(3) DUE DATE	(4)DATE RETURNED	(6)RESPONSE CODE	(7)RESPONSE DATE
RED					
EFB					
RCB					
EAB					
TB					
RD					
PM					
PL					
CI					
EF					

Pages 246-252 Confidential Statement of Formula may be entitled to confidential treatment

Pages 253-257 Manufacturing process information may be entitled to confidential treatment

Pages 258-259 Confidential Statement of Formula may be entitled to confidential treatment

Pages 260-264 Manufacturing process information may be entitled to confidential treatment

Pages 265-271 Confidential Statement of Formula may be entitled to confidential treatment

Pages 272-283 Product ingredient source information may be entitled to confidential treatment

Pages 284-287 Confidential Statement of Formula may be entitled to confidential treatment

D

CHEMICAL NAME/PESTICIDE CHEMICAL CODE (PCC) REQUEST FORM

CR#: 04-0130

REQUESTOR NAME: Shyam Mathur REQUEST DATE: 3/25/04
TEL: ( ) 308-9324 ORG.: TB 13/RD ROOM: 268 MAIL CODE: 7505C
(DIV./BR.)

CSF ATTACHED:

- ☐ YES If CSF is attached complete Item A and the chemical name in Item B
- ☐ NO If CSF is not attached complete Items A through C.

A. INFORMATION REQUIRED:

*Check Applicable Category

- ☒ Provide PCC and Tolerance Exemption Status For Food-Use Inert Ingredient(s)
- ☐ Provide PCC for Non-Food Use Inert Ingredient(s)
- ☐ Provide PCC for Active Ingredient(s)
- ☐ Provide PCC for Dye
- ☐ Determine if Fragrance is Acceptable for Use in Formulation
- ☐ Other (Describe): _____

B. INGREDIENT INFORMATION:

Ingredient No. 1:

Chem. Name: _____
Trade Name: [redacted]
CAS Reg. No.: _____

Ingredient No. 2:

Chem. Name: _____
Trade Name: [redacted]
CAS Reg. No.: _____

Ingredient No. 3:

Chem. Name: _____
Trade Name: _____
CAS Reg. No.: _____

Ingredient No. 4:

Chem. Name: _____
Trade Name: _____
CAS Reg. No.: _____

C. PESTICIDE PRODUCT INFORMATION:

EPA Reg. No./File Symbol: 42750-20 Product Name: Albaugh 2,4-D LV6
Registrant: Albaugh Inc. Food-Use Pesticide: ☒ YES ☐ NO
Precent in Formulation (For Fragrance/Dyes only): _____%

INFORMATION REPORTED:

Ingredient No. [redacted]
PCC: [redacted]
TOL. STATUS: [redacted]
OTHER INF.: _____

Ingredient No. 2: [redacted]
PCC: [redacted]
TOL. STATUS [redacted]
OTHER INF.: _____

Ingredient No. 3:
PCC: _____
TOL. STATUS: _____
OTHER INF.: _____

Ingredient No. 4:
PCC: _____
TOL. STATUS _____
OTHER INF.: _____

Completed By: LINDA FON Date Completed: 03/25/2004

Once completed, this form may be entitled to treatment as CBI under section 10 of FIFRA. If so, a red FIFRA CBI cover should be affixed to the request form and the document handled accordingly.

Inert ingredient information may be entitled to confidential treatment