

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PM 23 42750-9

1087

JUL 11 1995

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

Dear Dr. Walker:

SUBJECT: Label Amendment To Add a Specific List of Uses for
Which the MP May be Reformulated.
Albaugh Technical Isooctyl-D
EPA Registration No. 42750-9
Your Application, Dated June 15, 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. Add the following sentence at the beginning of the effluent discharge statement under Environmental Hazards: "This product is toxic to aquatic invertebrates."
2. Add the phrase "and may contaminate groundwater" at the end of the second sentence of the Pesticide Disposal instructions. The corrected sentence should read: "Improper disposal of excess pesticide, formulation, or rinsate is a violation of Federal law and may contaminate groundwater."
3. 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:S489539.LET

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	S. Stanton							
DATE ▶	Jul 11, 1995							

EPA Form 1320-1 (12-70)

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ALBAUGH
Technical Isooctyl-D
For Manufacturing Purposes Only

ACTIVE INGREDIENT:
Isooctyl ester of 2,4-dichlorophenoxyacetic acid*..... 91.5%
INERT INGREDIENTS:..... 8.5%
TOTAL..... 100.0%

*2,4-dichlorophenoxyacetic acid equivalent, 60.7%. Isomer specific by AOAC Method.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person. Get medical attention.

IF ON SKIN: Wash contaminated areas thoroughly with soap and water. Do not reuse contaminated clothing until washed. Get medical attention if irritation persists.

IF IN EYES: Flush with copious amounts of clean water for 10 to 15 minutes. Get medical attention.

See side panel for additional PRECAUTIONARY STATEMENTS.

EPA Reg. No. 42750-9

ACCEPTED
with COMMENTS
In EPA Letter Dated
JUL 11 1995

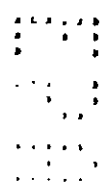
EPA Est. No. 42750-MO-1

Manufactured by
ALBAUGH, INC.
Ankeny, Iowa 50021

Under the Federal Insecticide,
Fungicide and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
42750-9

Net Contents
Gallons

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



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**PRECAUTIONARY STATEMENTS
CAUTION
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed. Avoid contact with skin, eyes, and clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Do not use this product in such a manner as to expose workers or other persons. The area where this product is being used must be vacated by unprotected persons.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate water intended for irrigation or domestic purposes.

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

AGRICULTURAL CHEMICAL

Do not ship or store with foods, feeds, drugs, or clothing.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label before using this product.

Only for formulation into an herbicide for use on the following crops: Corn, sorghum (milo), small grains (wheat, oats, barley and rye), soybeans (preplant), grass pastures, rangeland, fallow cropland, areas in the conservation reserve program, grass seed crops, orchard floors (apple, pear, fruit, citrus, and nut): **And for the following non-crop uses:** Turf (including lawns, golf courses, cemeteries, parks, airfields), roadsides, noncropland areas including rights-of-way, railroads, fence rows, tree injection treatments, forest site preparation, forest conifer release, and woody plant control in noncropland areas.

This product may be used to formulate products for specific use(s) not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding the support of such use(s).

This product can only be used to formulate pesticide products if the labeling contains the following information and/or revised use directions. All products manufactured for residential and turf uses after June 15, 1994, must contain the revised label language below. All other products (i.e., agricultural, industrial and aquatic), manufactured after October 23, 1993 must bear the revised label language below.

GENERAL REQUIREMENTS FOR END-USE LABELING

1. Containers over 1 gallon and less than 5 gallons in capacity must bear the following statement: "Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron."
2. Containers of 5 gallons or more in capacity must also bear the following statement: "A mechanical system (probe and pump) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal."

SPECIFIC REQUIREMENTS FOR END-USE PRODUCT LABELING

1. FOR AGRICULTURAL USES

- a. Clothing Requirement Statements: "When mixing, loading or applying this product or repairing or cleaning equipment used with this product, wear eye protection (face shield or safety glasses), chemical resistant gloves, long-sleeved shirt, long pants, socks and shoes. It is recommended that safety glasses include front, brow and temple protection. For aerial applicators in an enclosed cockpit and applicators applying this product from a tractor that has a completely enclosed cab, eye protection is not required."
- b. Personal Hygiene Statements: "Wash hands, face and arms with soap and water as soon as possible after mixing, loading, or applying this product. Wash hands, face and arms with soap and water before eating, smoking or drinking. Wash hands and arms before using toilet. After work, remove all clothing and shower using soap and water. Do not reuse clothing worn during the previous day's mixing and loading or application of this product without cleaning first. Clothing must be kept and washed separately from other household laundry. Remove saturated clothing as soon as possible and shower."
- c. The maximum application rate to pasture and rangeland is the lower of (1) existing application rate on currently registered label (2) 2 pounds 2,4-D acid equivalent per acre per application per site.
- d. The maximum application rate to forestry site preparation is the lower of (1) existing application rate on currently registered label or (2) 4 pounds 2,4-D acid equivalent per acre per application per site.
- e. A reentry interval is required and should be in accordance with the Worker Protection Standards, 40 CFR Parts 156 and 170.

FOR INDUSTRIAL/AQUATIC USES

- a. Clothing Requirement Statements: "When mixing, loading or applying this product or repairing or cleaning equipment used with this product, wear eye protection (face shield or safety glasses), chemical resistant gloves, long-sleeved shirt, long pants, socks and shoes. It is recommended that safety glasses include front, brow and temple protection. For aerial applicators in an enclosed cockpit and

applicators applying this product from a tractor that has a completely enclosed cab, eye protection is not required.

b. Personal Hygiene Statements: "Wash hands, face and arms with soap and water as soon as possible after mixing, loading, or applying this product. Wash hands, face and arms with soap and water before eating, smoking or drinking. Wash hands and arms before using toilet. After work, remove all clothing and shower using soap and water. Do not reuse clothing worn during the previous day's mixing and loading or application of this product without cleaning first. Clothing must be kept and washed separately from other household laundry. Remove saturated clothing as soon as possible and shower."

3. FOR RESIDENTIAL AND TURF USES

a. Clothing Requirement Statements:

(1) For All Granular Products: "When using this product, wear long-sleeved shirt, long pants, socks and shoes."

(2) For homeowners and other non-commercial users of liquid 2,4-D products and for commercial mixer/loader/applicators of liquid 2,4-D products when the product is to be applied to a golf course: a) For Amine Liquid Products carrying "CAUTION" signal word: "When using this product, wear long-sleeved shirt, long pants, socks, shoes and rubber gloves." b) For Amine Liquid Products carrying "WARNING" or "DANGER" signal word: "When using this product, wear long-sleeved shirt, long pants, socks, shoes, rubber gloves and eye protection. It is recommended that safety glasses include front, brow and temple protection." c) For Acid, Sodium Salt and Ester Liquid Products carrying "CAUTION" signal word: "When using this product, wear long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves." d) For Acid, Sodium Salt and Ester Liquid Products carrying "WARNING" or "DANGER" signal word: "When using this product wear long-sleeved shirt, long pants, socks, shoes, chemical resistant gloves and eye protection. It is recommended that safety glasses include front, brow and temple protection."

(3) Commercial mixer/loaders/applicators of liquid 2,4-D products, except when the product is to be applied to a golf course: a) For products carrying "CAUTION" signal word: "When mixing, loading, or applying this product wear long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves." b) For products carrying "WARNING" or "DANGER" signal word: "When using this product, wear long-sleeved shirt, long pants, socks, shoes, chemical resistant gloves and eye protection. It is recommended that safety glasses include front, brow and temple protection."

b. Personal Hygiene Statements: For All Granular Products: "After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water." 2) For All Liquid Products: "After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower."

c. The maximum application rate to turf is the lower of (1) existing application rate on currently registered label or (2) 2 pounds 2,4-D acid equivalent per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

d. The following reentry statement must be included: "Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried or dust has settled."

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Containers should not be stacked more than six (6) high. Reclose all partially used containers by tightening all bungs securely. Contents of damaged containers which cannot be repaired, or which cannot be used immediately, should be transferred to suitable sound containers and properly marked. Absorb any spilled material with a suitable clay absorbent and dispose of as indicated under PESTICIDE DISPOSAL.

For safety and prevention of unauthorized use, all pesticides should be stored in locked facilities.

To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between to provide clear identification.

Opened, partially used pesticides should be stored in original labeled containers when possible. When transfer to another container is necessary because of leakage or damage, carefully mark and identify contents of the new container.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, formulation, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent), adding rinsate to formulation vessel. 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.

GENERAL INFORMATION

This product is intended only for the production of herbicides. EPA approved labeling which complies with all pertinent laws and regulations is required for all formulations produced from this material and must be furnished by formulator.

Adequate protective equipment should be worn when using this product. This should include suitable head covering, long sleeve shirt and long legged pants, or a coverall type garment, shoes or boots and socks. Impervious rubber gloves should also be included if contact with hands is expected.

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

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