

Reg # 42545-50

PM-23

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

15 NOV 1992

J. R. Fisher
Agrolinz, Inc.
6525 Quail Hollow, Suite 107
Memphis, TN 38120-1309

Dear Mr. Fisher:

Subject: Compliance with 2,4-D Exposure Reduction Program
2,4-D Isopropyl Ester
EPA Registration No. 42545-50
Your Submission Dated October 30, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit three (3) final printed copies for the above mentioned label before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	11/18/92						

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2,4-D

ISOPROPYL ESTER

For the Manufacture of Herbicides Only

19 NOV 1992

ACTIVE INGREDIENT:

Isopropyl Ester of 2,4-Dichlorophenoxyacetic Acid 42545-50 94%

INERT INGREDIENTS:..... 6%

TOTAL..... 100%

Equivalent to 79.0% 2,4-D Acid

Isomer specific by AOAC Method

EPA Registration Number 42545-50

EPA Establishment Number 42545-MO-1

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

KEEP OUT OF REACH OF CHILDREN

WARNING-AVISO

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 clean water for 10-15 minutes. Get medical attention.

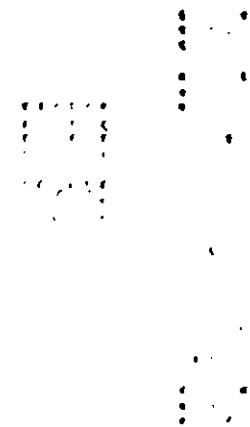
IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

See side panel for additional precautionary statements.

AGROLINZ, INC.
6525 QUAIL HOLLOW, SUITE 107
MEMPHIS, TN 38120-1309
U.S.A.

PHONE: (901) 756-4422

FAX: (901) 757-9367



**NET CONTENTS: 55 Gallons
PRECAUTIONARY STATEMENTS
WARNING**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May be fatal if swallowed. Harmful if absorbed through the skin or if inhaled. Avoid breathing vapors. 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 discharge effluent containing this product directly into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

**FOR CHEMICAL SPILL, LEAK, FIRE, OR EXPOSURE CALL TOLL FREE
1-800-424-9300**

READ ENTIRE LABEL BEFORE USING THIS PRODUCT

**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 this labeling.

The product is intended for formulation into end-use product for use as a plant growth regulator for navel oranges, valencia oranges, grapefruit (Summer Drop, Winter Drop), for lemons and for packing house use to maintain healthy buttons on lemons.

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.

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GENERAL REQUIREMENTS FOR END-USE PRODUCT 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 Requirements 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 or (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.

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2. 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 Amine Liquid Products carrying "CAUTION" signal word: "When using this product, wear long-sleeved shirt, long pants, socks and shoes and rubber gloves", (3) 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,", (4) 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", (5) 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."
- b. Personal Hygiene Statements: (1) 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

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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. 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 and may contaminate groundwater. 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

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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.

CONDITIONS OF SALE AND WARRANTY

Agrolinz, Inc. and seller offer this product and the buyer and user accepts this product only under the following agreed conditions of sale and warranty.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to take into account all variables and to eliminate all risks associated with its use. Injury or damage may result because of conditions which are beyond the control of Agrolinz, Inc. or the Seller. Agrolinz, Inc. warrants only that this product conforms to the chemical description on the label and is believed to be reasonably fit for the purposes referred to in the Directions for Use when used as directed under normal conditions. **AGROLINZ, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.** In no case shall Agrolinz, Inc. or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Any variation or exception from this warranty must be in writing and signed by an authorized Agrolinz, Inc. representative.