

46146-4

04/09/2009

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U.S. ENVIRONMENTAL PROTECTION
AGENCY

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

NOTICE OF PESTICIDE:

☐ Registration
☒ Reregistration
(under FIFRA, as amended)

EPA Reg. Number:

46146-4

Date of Issuance:

9 APR 2009

Term of Issuance:

Name of Pesticide Product:

Technical Isooctyl-D (2,4-D)

Name and Address of Registrant (include ZIP Code):

Albaugh, Inc.
Manufactured for Atanor S.A. Munro, Argentina
PO Box 2127
Valdosta, GA 31604-2127

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA provided that you:

- 1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
- 2) The font size of the Signal Word "CAUTION" and "KEEP OUT OF REACH OF CHILDREN" must be revised to comply with 40 CFR 156.10.

Signature of Approving Official:

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

Date:

9 APR 2009

3) Per the acute toxicity review, additional text noted in **bold type** below must be added to the first aid statement and the statement should be placed on the label in the following order:

“IF SWALLOWED:

Call a poison control center or doctor immediately for treatment advice.

Have person sip a glass of water if able to swallow.

Do not induce vomiting unless told to by a poison control center or doctor.

Do not give anything by mouth to an unconscious person.

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.

IF IN EYES:

Hold eye open and rinse slowly and gently with water for 15-20 minutes.

Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Call a poison control center or doctor for treatment advice.

IF INHALED:

Move person to fresh air.

If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth-to-mouth if possible.

Call a poison control center or doctor for further treatment advice.”

4) Per the acute toxicity review, the text “Causes moderate eye irritation” must be added to the Hazards to Humans and Domestic Animals statements in front of “Harmful if swallowed”.

5) Delete all text starting with (page 2) “This product can only be used to formulate pesticide products if the labeling contains...” and ending with the “d) The following...” section just in front of the Storage and Disposal section (page 4).

6) To the Warranty section add “To the extent consistent with applicable law” in front of “Exclusions of other Warranties” and “Buyer shall have no”.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of the product constitutes acceptance of these conditions. Submit one copy of the final printed label. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

EDITOR'S NOTE: Marked draft label for 2,4-D RED

TECHNICAL ISOOCTYL-D (2,4-D)

FOR MANUFACTURING PURPOSES ONLY
NOT FOR RESALE

ACTIVE INGREDIENT:

2-ethylhexyl ester of 2,4-dichlorophenoxyacetic acid 93.30%

INERT INGREDIENTS: 6.70%

TOTAL: 100.00%

Equivalent to 62.12% 2,4-dichlorophenoxyacetic acid or 6.0 Ib./gal.

Isomer Specific by AOAC Method 978.05.

ACCEPTED
with COMMENTS
in EPA Letter Dated

9 APR 2009

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

46146-4

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF IN EYES:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.• Call a poison control center or doctor for treatment advice.
IF ON SKIN:	<ul style="list-style-type: none">• 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.
IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to by a poison control center or doctor.
IF INHALED:	<ul style="list-style-type: none">• 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 treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

See side panel for additional Precautionary Statements and Statement of Practical Treatment.

EPA REG. NO. 46146-4

EPA Est. No. 42750-MO-001

NET CONTENTS:

MANUFACTURED FOR:

Atanor S.A.

Munro, Argentina

READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Human and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through skin. Prolonged or-frequently repeated skin contact may cause allergic skin reactions in some individuals.

Avoid breathing vapors. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. When handling the product, wear chemical resistant gloves. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish and aquatic invertebrates. ~~This product is toxic to aquatic invertebrates.~~ 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 Pollution 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 sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

Formulators using this product are responsible for obtaining EPA registration of their formulated product.

ONLY FOR FORMULATION INTO A HERBICIDE FOR THE FOLLOWING USES:

- 1) Agricultural: (Corn, Sorghum, Wheat, Pasture, Rangeland, Small Grains, Grasses, and Forestry Site Preparation.) Industrial Uses. Residential and Turf Uses: (including, but not limited to golf courses, residential/domestic, commercial, industrial, ornamental and institutional sites.)
- 2) Uses for which U.S. EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration.
- 3) Uses for experimental purposes that are in compliance with U.S. EPA requirements.

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 and industrial), manufactured after October 23, 1993, must bear the revised label language below. All products released for shipment on or after October 1, 2005 must bear revised labeling complying with the maximum application rates for general non-crop sites; tree, brush and woody plant control on rights-of-way; and forestry use patterns other than site preparation, if registered for such uses.

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 support of such use(s).

GENERAL REQUIREMENTS FOR END-USE PRODUCT LABELING

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."

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 days 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) two 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) four pounds 2,4-D acid equivalent per acre per application per site. The maximum application rate to all forestry sites 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 site.
- e) A reentry interval is required and should be in accordance with the Worker Protection Standards, 40 CFR Parts 156 and 170.

2. FOR INDUSTRIAL and NON-CRP 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 general non-crop sites is the lower of 1) existing application rate on currently registered label or 2) 2 pounds for 2,4-D acid equivalent per acre per application site. The maximum non-crop application for tree, brush and woody plant control on rights-of-way is the lower of 1) existing application rate on currently registered label or 2) 4 pounds of 2,4-D acid equivalent

per acre per application site. The maximum seasonal application rate to non-crop sites is 4 pounds 2,4-D acid equivalent per acre per application site.

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) Products registered for use on residential and other turf sites (excluding sod farms) by homeowners and other noncommercial users, and for commercial mixer/loader/applicators when the product is to be applied to a golf course; acid sodium salt and ester products applied in liquid form and carrying "CAUTION" signal word only must bear the following language: when using this product, wear long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves" 3) Products registered for use on residential and other turf sites (excluding sod farms) by homeowners and other noncommercial users, and for commercial mixer/loader/applicators when the product is to be applied to a golf course; acid, sodium salt and ester products applied in liquid form and carrying "WARNING" or "DANGER" signal word only must bear the following language: "When using this product, wear long-sleeved shirt, long pants, socks, shoes and 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 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) two pounds 2,4-D acid equivalent per acre 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 area until spray has dried or dust has settled."

STORAGE & DISPOSAL

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

STORAGE: Store in original container.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, 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). 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.

LIMITED WARRANTY

Manufacturer warrants that the chemical composition conforms to the ingredient statement given on the label and that this product is suited for the labeled use when applied according to label directions. Because of widely varying use conditions, it is impossible to eliminate all risks even when label directions are followed.

EXCLUSIONS OF OTHER WARRANTIES AND REMEDIES: Except where such disclaimers and exclusions are specifically prohibited by applicable law. THE FOREGOING IS THE ONLY GUARANTEE OR WARRANTY APPLICABLE TO THIS PRODUCT AND IS GIVEN EXPRESSLY AND IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL SUCH WARRANTIES WHICH EXCEED OR DIFFER FROM SAID LIMITED WARRANTY ARE DISCLAIMED BY MANUFACTURER, and, upon Manufacturer's compliance with said limited warranty. BUYER SHALL HAVE NO REMEDY AGAINST MANUFACTURER FOR ANY TYPE OF DAMAGE OR LOSS, and, IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL DAMAGE OR LOSS.