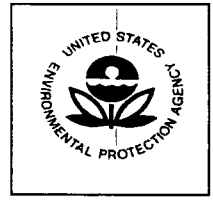


5481-144

7/6/2009

1 of 5 label



U S ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg Number	Date of Issuance
5481-144	JUL 6 2009

NOTICE OF PESTICIDE
_ Registration
X Reregistration
(under FIFRA as amended)

Term of Issuance
Name of Pesticide Product
Technical Isopropyl Ester of 2,4-D

Name and Address of Registrant (include ZIP Code)
AMVAC Chemical Corporation
4695 MacArthur Court, Suite 1250
Newport Beach, CA 92660

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 section 4(g)(2)(C) provided 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 Make all the following changes to the product label
 - a Change the heading from "Inert Ingredients" to "Other Ingredients"
 - b Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read as follows

"WARNING
May be fatal if swallowed Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco Remove contaminated clothing and wash before reuse"
 - c Add the text "This chemical is toxic to fish and aquatic invertebrates" to the beginning of the Environmental Hazard section

Signature of Approving Official

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

Date

JUL 6 2009

- d Add the precautionary word "**Combustible**" in front of the statement "Do not use or store near heat or open flame "
- e Remove the "General Requirements for End-Use Product Labeling" and "Specific Requirements for End-Use Product Labeling for Agricultural Uses" headings and accompanying texts since they are not required in the RED for manufacturing use products and in some cases conflicts with required text for end use products
- f Move the statement "Open dumping is prohibited" to the Pesticide Storage section
- g Revise the heading from "Storage" to "Pesticide Storage"
- h Revise the Container Disposal section in accordance with PR Notice 2007-4
- i Add the phrase "To the extent consistent with applicable law" directly in front of the warranty statements "THE MANUFACTURER NEITHER MAKES NOR INTENDS ", "THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY ", and "BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S "

A stamped copy of your label is enclosed for your records You must submit one (1) copy of the final printed label before you release the product for shipment Products shipped after 12 months from the date of this Letter or the next printing of the label whichever occurs first, must bear the new revised label 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

Enclosure

3045

TECHNICAL ISOPROPYL ESTER OF 2,4-D

FOR MANUFACTURING USE ONLY IN
FORMULATING PLANT GROWTH REGULATORS
ISOMER SPECIFIC BY A O A C METHOD 6 276 -6 279

with COMMENTS
In EPA Letter Dated

JUL 6 2009

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

5481-144

95.0%

1.7%

3.3%

100.0%

ACTIVE INGREDIENTS

Isopropyl Ester of 2,4-dichlorophenoxyacetic acid
2,4-dichlorophenoxyacetic acid

INERT INGREDIENTS

TOTAL

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)

FIRST AID	
If swallowed	Call a poison control center or doctor immediately for treatment advice Have a person sip a glass of water if able to swallow Do not induce vomiting unless told to do so by a 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 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 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
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor or going for treatment FOR THE FOLLOWING EMERGENCIES PHONE 24 HOURS A DAY	
Transportation CHEMTREC	1 800 424 9300
Other AMVAC	1 323 264 3910

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE

EPA Reg No 5481 144
EPA Est No 5481 CA 1

Net Contents
As Marked on Container

AMVAC
4100 E Washington Blvd
Los Angeles, CA 90023 U S A
1-323-264-3910 • www amvac-chemical com

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING May be fatal if swallowed Harmful if absorbed through skin or inhaled Causes eye irritation Avoid contact with skin eyes or clothing Avoid breathing vapors Wash thoroughly with soap and water after handling and before eating or smoking Remove contaminated clothing and wash before reuse

ENVIRONMENTAL HAZARDS

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 sewage treatment plant authority For guidance contact your State Water Board or Regional Office of EPA

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame Do not use the same equipment for handling or manufacturing other agricultural chemicals

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling Technical Isopropyl Ester of 2 4 D is only for formulation of plant growth regulators for the following use sites CITRUS including Lemons Oranges (Navel Valencia, Tangelos) and Grapefruit Formulators are responsible for providing documentation to support EPA s registration of their products This product can be used to formulate pesticide products if the labeling contains the following information and/or revised use directions

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 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 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) A reentry interval is required and should be in accordance with the Worker Protection Standards 40 CFR Parts 156 and 170

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal Open dumping is prohibited

STORAGE Store product in its original labeled container in a cool dry locked designated storage area, out of reach of children Do not store with seeds foodstuffs or near insecticides fungicides or fertilizers

PESTICIDE DISPOSAL Pesticide wastes are toxic Improper disposal of excess pesticides 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 Wastes 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 AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label (b) that this product is reasonably fit for the purposes set forth in the directions for use subject to the inherent risks referred to herein when it is used in accordance with such directions and (c) that the directions warnings and other statements on this label are based upon responsible experts evaluations of reasonable tests of effectiveness of toxicity to laboratory animals and to plants and residues on food crops and upon reports of field experience Tests have not been made on all varieties of food crops and plants or in all states or under all conditions

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE 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 OR 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 IN NO EVENT, SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT

AMVAC offers this product and Buyer accepts it subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC

AMVAC Chemical Corporation
4100 E Washington Boulevard
Los Angeles CA 90023 USA
1 323 264 3910
www amvac chemical com