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ACCEPTED  
24 MAR 1994  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, 7 U.S.C. 136 et seq., this product has been found to comply with the requirements of the act.

# ISOPROPYL ESTER OF 2,4-D

FOR MANUFACTURING USE ONLY IN FORMULATING PLANT GROWTH REGULATORS

FORMER SPECIFIC BY A.O.A.C. METHOD 6.278-4.279  
ACTIVE INGREDIENT:  
Isopropyl Ester of 2,4-dichlorophenoxyacetic acid - 93.0%  
INERT INGREDIENTS - 7.0%  
Total 100.0%  
Equivalent to 2,4-dichlorophenoxyacetic acid 79.0%

## KEEP OUT OF REACH OF CHILDREN WARNING - AVISO

**PRECAUTIONAL USAGE:** Do not use for food, do not use this product where it is obvious that it will be applied to food.  
**STATEMENTS OF PRACTICAL TREATMENT**  
**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Have victim drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious or convulsing person. **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 water for 15 minutes. Get medical attention. **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS**  
**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 contribute water when disposing of equipment washwaters. Do not discharge into lakes, streams, ponds, or public water intakes in accordance with an NPDES. For guidance, contact your Regional Office of the U.S. Environmental Protection Agency.

**PHYSICAL AND CHEMICAL HAZARDS**  
Do not use the same equipment for handling or manufacturing other agricultural chemicals. See Safety Data Sheet for additional precautionary statements.

## DIRECTIONS FOR USE

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

TECHNICAL ISOPROPYL ESTER OF 2,4-D is only for formulation of plant growth regulators. Formulators are responsible for providing documentation to support EPA registration of their products.

## USE PATTERN FOR ISOPROPYL ESTER OF 2,4-D

CITRUS: LEMONS, ORANGES (NAVEL, VALENCIA, TANGELOS), GRAPEFRUIT.

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 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 recirculating spray pump and pump must be used for transferring the contents of this container. If then stored in a non-refillable pesticide container, the pump must be 'fixed in place'."

## 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, side and back protection. For aerial applicators in an enclosed cockpit and applicators applying this product from a tractor that has been 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 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 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 site.
- e. 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, segregated storage area, out of reach of children. Do not store in basements, bedrooms, or near reactants, combustibles or firehazards. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or mixtures is a violation of Federal law. If these wastes cannot be disposed of by you according to label instructions, contact your State Pesticide or Environmental Control Agency, or the nearest Waste representative at the nearest EPA Regional Office for guidance. **CONTAINER DISPOSAL:** Triple rinse, or equivalent. Then offer for recycling or reconditioning, if purchase and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**NOTICE:** This product conforms to the chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer under either the law or the buyer assumes the risk of any such use. (2,4-D, reg. no. 12-01-82)

EPA Reg. No. 5481-144 EPA Est. No. 5481-CA-1  
NET CONTENTS 30 GALLONS - (138.38 Liters)  
(315 Pound)

TECHNICAL ISOPROPYL ESTER OF 2,4-D  
RQ100/45.4 NA 2785

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# AMVAC CHEMICAL CORPORATION