



United States
Environmental Protection Agency
Washington, DC 20460.

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

243130

Application for Pesticide - Section I

1. Company/Product Number 61272-1	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Nufarm USA 2,4-D Isooctyl Ester Technical	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Nufarm USA, Inc. c/o Agent Riverdale Chemical Company 425 West 194th Street, Glenwood, IL <input type="checkbox"/> Check if this is a new address 60425-1584		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Responding to PR 93-10

NOTIFICATION
OCT 24 1996

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Russell F. Sawyer		Title Agent		Telephone No. (Include Area Code) 708/754-3383	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Agent			
4. Typed Name Russell F. Sawyer		5. Date October 7, 1996			

NUFARM USA

2 4 D ISOOCTYL ESTER TECHNICAL

ACTIVE INGREDIENT

Isooctyl (2 ethylhexyl) Ester of 2 4 Dichlorophenoxyacetic acid*

98.0%

INERT INGREDIENTS

2.0%

TOTAL

100.0%

Isomer Specific AOAC Method Equivalent to
*2 4 Dichlorophenoxyacetic Acid

65% 6.1 lbs / gal

FOR MANUFACTURE OF HERBICIDES ONLY

KEEP OUT OF REACH OF CHILDREN

CAUTION

NOTIFICATION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed Avoid inhalation of vapors and contact with skin, eyes and clothing

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED Induce vomiting immediately by giving two glasses of water and sticking finger down throat Never give anything by mouth to an unconscious person Get medical attention
IF IN EYES: Flush eyes with plenty of water for at least 15 minutes Get medical attention
IF ON SKIN Wash exposed skin gently with plenty of soap and water Get medical attention if irritation occurs

ENVIRONMENTAL HAZARDS

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 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

DIRECTIONS FOR USE

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

This pesticide may be used only for the formulation of a herbicide Formulators using this product are responsible for obtaining EPA Registrations for their formulated products

Only for formulation into a herbicide for the following uses

1.

AGRICULTURAL CROPS

Corn
Sorghum
Wheat
Barley
Rye

Oats
Grasses - annual
Grasses - perennial
Sugarcane
Soybeans

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TERRESTRIAL NON FOOD CROPS

Ornamental trees shrubs and vines
 Lawn and turf grasses
 Uncultivated agricultural areas
 Uncultivated nonagricultural areas
 General soil treatment

Recreation areas
 Industrial sites
 Paved areas
 Outdoor areas

FORESTRY SITES

Forest trees plantings

Forest tree nurseries

- 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 *

***NOTICE** NUFARM USA makes no warranties guarantees or representations of any kind either expressed or implied or by usage of trade statutory or otherwise with regard to these uses of the product sold including but not limited to merchantability fitness for a particular purpose use or eligibility of the product for any particular trade usage

This product can only be used to formulate pesticide products if the labeling contains the following information and/or revise 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 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 enclosed cockpits 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

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- 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/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 enclosed cockpits 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 and 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 ' 3) 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/loader/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 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) 2 pounds 2 4 D acid equivalent per application per site The maximum number of broadcast applications** per treatment site is 2 per year **One application may be defined as treating the entire area in two passes at the half rate each time (i.e. crisscrossing from end to end and then side to side)
- 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 "

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STORAGE AND DISPOSAL

STORAGE Always use original container to store pesticides in a cool dry secured warehouse or storage building Do not store near seeds fertilizers insecticides or fungicides Containers should be opened in well ventilated area Keep container tightly sealed when not in use Do not contaminate water food or feed by storage or disposal

PESTICIDE DISPOSAL Pesticide wastes are toxic If container is damaged or if pesticide has leaked clean up all spilled material Place in closed labeled container Improper disposal of excess pesticide spray mixtures 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

NOTICE Seller makes no warranty expressed or implied concerning the use of this product other than indicated on this label Buyer assumes all risks of use storage and handling of this material not in strict accordance with directions given herewith

(ERP 061593) (PR9310 100195)

NET CONTENTS

Manufactured By
NUFARM USA, INC.
P.O. Box 7305
Kansas City, MO 64116

EPA REG. NO 61272-1

[] EPA EST. NO 00228-IL-1
[] EPA EST NO. 37507-MT-1

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