



PM 23 61272-8 YELLOW 104

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

OCT - 5 1995

Russell F. Sawyer
Registrations Plus
425 West 194th Street
Glenwood, Illinois 60425-1584

Dear Mr. Sawyer:

SUBJECT: Label Amendment
NuFarm USA, 2,4-D Amine 6 Lbs.
EPA Registration No. 61272-8
Your Correspondence Dated April 25, 1995

The labeling referred to above, submitted in accordance with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable with the following provisions:

1. The labeling contains two signal words, "Warning" and "Danger", which are located on the front panel. According to Agency records, the correct signal word is "Warning". Delete the "Danger" signal word. The signal word should be located immediately below the "Keep Out of Reach of Children" statement.
2. In the "Precautionary Statements" section, delete the sentence, "Avoid contact with skin." This sentence is redundant since it is mentioned in the third sentence which reads, "Do not get in eyes or on skin and clothing."
3. The "Statement of Practical Treatment" should be organized so that the most severe routes of exposure as demonstrated by the toxicity category classification are listed first. Therefore, list the "eye statement" first.

7505C
Hogan
10/5/95

4. Any product which is corrosive or classified as toxicity category I or II for eye or skin irritation must have a "Note to Physician" on the labeling. The following statement should be located in close proximity to the "Statement of Practical Treatment" but should be clearly distinguished from it. It should appear below the last statement of practical treatment.

"Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage."

5. In the "Storage and Disposal" section of the label, in the "Pesticide Disposal" statement, add the words "spray mixture" to the fifth sentence so that it reads: "Improper disposal of excess pesticide, spray mixture, or rinsate..."

A stamped copy is enclosed for your records. Please submit (one) final printed copy for the above mentioned label before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

NUFARM USA

2,4-D AMINE 6 LBS.

ACTIVE INGREDIENT:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid* 66.18%

INERT INGREDIENTS: 33.82%

TOTAL 100.00%

*Isomer Specific by AOAC Method, Equivalent to:

2,4-Dichlorophenoxyacetic Acid 55.0% 5.64 lbs./gal.

FOR MANUFACTURE OF HERBICIDES ONLY

ACCEPTED
with COMMENTS
In EPA Letter Dated

OCT - 5 1995

KEEP OUT OF REACH OF CHILDREN • WARNING

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

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

61272-8

Corrosive. Causes irreversible eye damage. Do not get in eyes or on skin and clothing. Wear goggles or face shield and rubber gloves when handling. Avoid contact with skin. May cause skin irritation. Wash thoroughly with soap and water after handling. Harmful if swallowed. Avoid inhaling vapor or spray mist. Remove contaminated clothing and wash before reuse.

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.

1. AGRICULTURAL CROPS: Corn, Sorghum, Wheat, Barley, Rye, Oats, Grasses - annual, Grasses - perennial, Sugarcane and Soybeans

TERRESTRIAL NONFOOD 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 and Outdoor areas

FORESTRY SITES: Forest trees, plantings and Forest tree nurseries

2. Uses for which U.S. EPA has accepted the required data and/or citations of data that

Revised 4/25/95

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 express 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 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: "Do not open pour product from this container. A mechanical system (such as a probe and pump or spigot) 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."
3. 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.
4. The maximum application rate for 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.

SPECIFIC REQUIREMENTS FOR END-USE PRODUCT LABELING

1. FOR AGRICULTURAL USES (Subject to Worker Protection Standards label Requirements)
 - a. Clothing Requirement Statements: (1) "Applicators and other handlers must wear the Personal Protection Equipment (PPE) as required in PR Notice 93-7, Supplement Three, 'Main Labeling Guidance'." (2) For products carrying "WARNING" or "DANGER" signal word: "Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them." (3) All labels: "Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned." (4) Containers less than 5 gallons in capacity not requiring mixers and loaders to wear a chemical resistant apron and applicators and other handlers to wear coveralls must bear the following statement: "Mixers and loaders who do not use a mechanical system (such as a probe and pump or spigot) to transfer the contents of this container must wear coveralls or a chemical resistant apron in addition to the other required PPE."
 - b. Engineering Controls Statements: (1) Containers of 5 gallons or more in capacity must also bear the following statement: "Do not open pour product from this container. A mechanical system (such as a probe and pump or spigot) 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. If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticide [40 CFR 170.240(d)(4)], the handler PPE requirements may be reduced or modified as specified in the WPS." (2) When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS."

- c. Personal Hygiene Statements: Follow PR Notice 93-7, Supplement Three, "Main Labeling Guidance" for location of "User Safety Recommendations" and add "Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing."
- d. A re-entry interval is required and should be in accordance with the Worker Protection Standards, 40 CFR Parts 156 and 170.
2. FOR AQUATIC/INDUSTRIAL/NON-CROP PASTURES, RANGELANDS AND FORESTRY (Products outside the scope of the Worker Protection Standard)
- 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, face 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, shoes and rubber gloves."; b) For Amine Liquid Product carrying "WARNING" or "DANGER" signal word: "When using this product, wear long-sleeved shirt, long pants, socks and 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."; d) 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 acre per application per site. The maximum number of broadcast applications** per treat-

ment 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."

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. Store at temperatures above 32°F. If allowed to freeze, rewarm to 40°F, remix thoroughly before using. Freezing does not alter this product. Containers should be opened in well ventilated areas. 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, contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed labeled container for proper disposal. Improper disposal of excess pesticide 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. 61272-8

[] EPA EST. NO. 00228-IL-1
[] EPA EST. NO. 32761-MO-3
[] EPA EST. NO. 37507-MT-1