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Systems Integration Group, Inc.

MAY 6 1999

Mr. William M. Mahlburg
Nufarm Americas, Inc
1009-D W. St. Maartens Drive
St. Joseph, MO 64506

Dear Mr. Mahlburg:

Subject: Label Amendment Revising Precautionary Statements in Response to Agency
Letter, Dated January 12, 1999
Nufarm 2,4-D Technical Acid
EPA Reg. No. 35935-7
Your Submission Dated April 5, 1999

The labeling, referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable, provided you make the following changes:

1. Revise the beginning of the first paragraph after the Storage and Disposal box (the paragraph listing use sites for which end use products may be formulated). The statement which currently reads "This product is intended for formulation into end use herbicides approved for use on" must be revised to read as follows:

"Only for formulation into a herbicide for the following uses"

2. Delete "Wild Onion and Wild Garlic" from the list of use sites for which end use products may be formulated, since these are pests rather than uses.

A stamped copy of the label is enclosed for your records. Please submit one final printed copy of the label before you release the product for shipment.

Sincerely yours,

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

Enclosure

RD:STANTON:PM Team 23:Rm. 237:CM-2:305-5218:Disk #10S560578:

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	S. Stanton							
DATE ▶	May 6, 1999							



Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
35935-7

2,4-D Technical Acid

FOR FORMULATION OF HERBICIDES ONLY.

soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

ACTIVE INGREDIENT:

2,4-Dichlorophenoxyacetic acid 95%

INERT INGREDIENTS: 5%

TOTAL: 100%

KEEP OUT OF REACH OF CHILDREN

DANGER

See Below For Additional Precautionary Statements

EPA REG. NO. 35935-7
EPA EST. NO. _____

NET WEIGHT ____ LBS. (____ KG)

EXP03/99b

For Chemical Emergency, Spill, Leak, Fire, Exposure or
Accident, Call CHEMTREC Day or Night 1-800-424-9300

STATEMENT OF PRACTICAL TREATMENT

If in Eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

If Swallowed: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

If on Skin: Wash with plenty of soap and water. Get medical attention.

If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

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

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield or safety glasses). Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Avoid contact with skin. Wash thoroughly with

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

PHYSICAL AND CHEMICAL HAZARDS

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.

STORAGE AND DISPOSAL

STORAGE: Do not store near fertilizers, insecticides, fungicides or seeds. Do not reuse container. Do not ship with or store near foodstuffs.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law and may contaminate ground water. 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: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

This product is intended for formulation into pre-use herbicides approved for use on Small Grains (oats, barley, wheat, rye), Corn, Rice, Sorghum, Sugarcane, Ornamental Turf, Grass Seed Crops, Fallow Land, Established Pastures and Rangelands, Wild Onion and Wild Garlic, and for General Weed Control (airfields, roadsides, vacant lots, drainage ditchbanks, fencerows, industrial sites and similar areas), Woody Plant Control, Conifer Release, Herbaceous Weed Control, Site Preparation, Rights-of-Way, Tree Injection, Weeds and Brush, or

Irrigation Canal Ditchbanks, and Aquatic Weeds in Lakes, Ponds, Drainage Ditches and Marshes.

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 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 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 Standard, 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 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."

3. FOR RESIDENTIAL AND TURF SITES (Not including Sod Farms):

- a. Clothing Requirement Statements: (1) For All Granular Products: "When using this product, wear long-sleeved shirt, long pants, socks and shoes.", (2) For Amine Liquid Products carrying "CAUTION" signal word: "When using this product, wear long-sleeved shirt, long pants, socks and shoes and rubber gloves.", (3) 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." (4) 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.", (5) 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."
- 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 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 areas until spray has dried or dust has settled."

WARRANTY STATEMENT

BUYER ASSUMES ALL RISKS FOR USE, STORAGE AND HANDLING OF THIS MATERIAL NOT IN STRICT ACCORDANCE WITH DIRECTIONS GIVEN HEREWITH.

**Manufactured by
Nufarm Limited
1009-D West St. Maartens Dr.
St. Joseph, MO 64506**