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352-450

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 28 1994

RICHARD M. VAUGHT
E.I. DU PONT DE NEMOURS & CO., INC.
P.O. BOX 80038
WILMINGTON, DE 19880-0038

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 10/26/93 In Response to PR Notice 93-7
EPA REG. NO. 352-450
VELPAR ULW HERBICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

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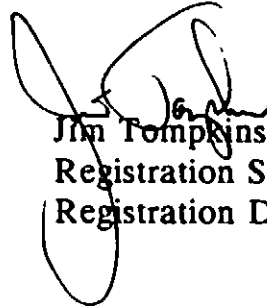
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

Additional

3-85



VELPAR® ULW

HERBICIDE

SOLUBLE GRANULES

BY WEIGHT

ACTIVE INGREDIENT

Hexazinone [3-cyclohexyl-6-(dimethylamino)-1-methyl,3,5-triazine-2,4(1H,3H)-dione] 75%

INERT INGREDIENTS 25%

TOTAL 100%

EPA Reg. No. 352-450

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Call a physician if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

For medical emergencies involving this product, call toll free 1-800-441-3637.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! CAUSES EYE DAMAGE. Corrosive, causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or on clothing.

PERSONAL PROTECTIVE EQUIPMENT ACCEPTED

Applicators and other handlers must wear:

Long-sleeved shirt and long pants.

Waterproof gloves.

Shoes plus socks.

Protective eyewear.

with COMMENTS
in EPA Letter Dated
APR 28 1994

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

352-450

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters.

IMPORTANT--Injury to or loss of desirable trees or other plants may result from failure to observe the following: Do not apply except as recommended or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of granules to desirable plants. Keep from contact with fertilizers, insecticides, fungicides and seeds. Thoroughly clean all traces of "Velpar" ULW Herbicide from application equipment immediately after use. Wash equipment thoroughly with water.

GENERAL INFORMATION

"Velpar" ULW Herbicide is a special granular product to be distributed in a broadcast pattern on the soil surface in reforestation areas for control of undesirable woody and herbaceous plants. Rainfall dissolves the chemical (hexazinone) from the granules and moves the herbicide into the root zone where it is absorbed during periods of active plant growth.

Symptoms of herbicidal activity generally appear within 3 to 4 weeks for herbaceous plants and 4 to 8 weeks for woody plants, after sufficient rainfall has carried the herbicide into the root zone. Defoliation and subsequent refoitation may occur, but susceptible plants are killed.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment(PPE) and restriction-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval(REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is :

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

DuPont "Velpar" ULW should be used only in accordance with recommendations on this label.

DuPont will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by DuPont. User assumes all risks associated with such non-recommended use.

Do not apply this product through any type of irrigation system.

HOW TO APPLY

Apply the granules using Du Pont ULW Applicator aerial equipment. Calibrate the equipment to distribute the granules uniformly over the area to be treated. Apply before or during the period of active growth, when rainfall can be expected to activate the chemical in the soil. Do not apply to frozen soil, or to water saturated soils when rainfall is expected within 24 hours. Distribution across treatment swath must be uniform.

FOR CONTROL OF CERTAIN WEED AND BRUSH SPECIES FOR FORESTRY SITE PREPARATION AND CONIFER RELEASE

"Velpar" ULW is recommended for forestry site preparation and conifer release in areas of greater than 20 inches of annual rainfall east of the Rocky Mountains where loblolly, longleaf, red, shortleaf, slash and Virginia pines are grown.

"Velpar" ULW is also recommended for site preparation where white spruce will be planted.

When used as directed, "Velpar" ULW controls herbaceous weeds such as annual bluegrass, barnyardgrass, bentgrass, bromegrass, catsear, common groundsel, common ragweed, false-dandelion, fleabane, foxtail, oxeye daisy, Pennsylvania smartweed, velvetgrass, and wild carrot. Treatment provides partial control of curly dock, dandelion, willowweed (fireweed), fescue, goldenrod, horseweed, orchardgrass, quackgrass and ryegrass.

"Velpar" ULW, when used as directed, also controls many woody plants including American elder, ashes* (white, green), aspens (big tooth, trembling), balsam poplar, birch, blackcherry, blackgum*, brambles (such as blackberry, dewberry, raspberry), cherry*, chokecherry*, dogwood* (flowering), eastern red cedar*, elm, hawthorne, hazel*, hickory*, honeysuckle, hornbeam, mulberry, multiflora rose, red maple*, oaks (such as post, southern red, turkey, water and white), Russian olive, sourwood*, sumac*, sweetgum, wild plum and willow.

*considered hard-to-kill

NOTE: Do not graze domestic animals on treated areas within 30 days after treatment.

APPLY AT THE FOLLOWING RATES FOR SOIL TEXTURE:

SOIL TEXTURE	POUNDS PRODUCT PER ACRE	
	SITE PREPARATION ¹	CONIFER RELEASE ²
Sand, Loamy Sand, Sandy Loam	2 1/2 to 4	1 to 2
Loam, Sandy Clay Loam, Silt Loam	4 to 5 1/3	2 to 3
Clay Loam, Sandy Clay, Silty Clay Loam, Silt, Silty Clay, Clay	5 1/3 to 8	3 to 4

NOTE: Use the lower rates on coarse-textured soils and soils low in organic matter; use the higher rates on fine-textured soils and soils high in organic matter. Use the higher rate when hard-to-kill species predominate.

"Velpar" ULW is not recommended on poorly drained soils or marshy sites.

"Velpar" ULW results may be slow to appear and maximum results will be seen 12 to 24 months following application.

- 1 **In Site Preparation Areas**, where burning is desired, burn only after residual stand has completely defoliated at least twice, allowing for sufficient root uptake of "Velpar" ULW usually 60 to 90 days after rainfall.
- 2 **In Conifer Release Areas**, some mortality of conifers may be experienced when application is erratic or sapling vigor is lacking due to damage by insects, disease, drought, winter stress or other stress. Excessive injury may result when applications are made to loblolly pine that are less than 4 years of age since transplanting on coarse textured soils or 3 years of age since transplanting on fine textured soils. Application to gravelly, rocky or exposed subsoil may result in conifer injury. When soil texture varies abruptly, inconsistent results may occur.

TIMING

For best results, apply in spring when weeds and brush are growing, after the danger of a killing frost has passed (for target species) and when sufficient rainfall for activation of the herbicide is expected.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food or feed by storage or disposal.

PRODUCT DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal Law. 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. Empty residue into application equipment, then, dispose of bags in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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NOTICE TO BUYER - Purchase of this material does not confer any rights under patents of countries outside of the United States.

NOTICE OF WARRANTY

Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risk inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. **DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

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