

5481-465

1-29-2004

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

JAN 29 2004

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Darryl E. Brock
Amvac Chemical Corporation
4695 MacArthur Court, Suite 1250
Newport Beach, CA. 92660

Subject: Parflo 4F
EPA Registration Number 5481-465
Your Submission Dated August 15, 2003

Dear Mr. Brock:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted provided the following change is made:

1. On page 2, revise the footnote "Do not use in California" to read "Do not use in California to control these diseases."
2. On page 3, in the Storage and Disposal Box, change the subheading "Storage" to "Pesticide Storage".

For future labeling amendments, please use a larger font for the draft labeling. Larger font facilitates label review and helps ensure that label stamped acceptable are of sufficient quality for posting on the Agency website and are suitable for photocopying and faxing.

A stamped copy of the label is enclosed for your files. You must submit one copy of the final printed label prior to releasing the product for shipment. If you have questions, please contact Summer Gardner-Jenkins at (703) 308-9353.

Sincerely,



Mary L. Waller
Product Manager 21
Fungicide Branch
Registration Division (7505C)

Enclosure: stamped label

JAN 29 2004

PARFLO[®] 4F

TURF SOIL FUNGICIDE

For Control of Soil-Borne Diseases on Turfgrass

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
5481-465

Not for sale on turf being grown for sale or other commercial use as sod, or for commercial seed production or for research purposes.

ACTIVE INGREDIENT:

Pentachloronitrobenzene (PCNB)..... 38.3%

INERT INGREDIENTS:..... 61.7%

TOTAL: 100.0%

Contains 4 pounds of PCNB per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:	
Transportation: CHEMTREC.....	1-800-424-9300
Other: AMVAC.....	1-323-264-3910

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

EPA Reg. No. 5481-465
EPA Est. No. 5481-CA-1

Net Weight:
As Marked on Container



4100 E. Washington Blvd.

Los Angeles, CA 90023 U.S.A

1-323-264-3910 • www.amvac-chemical.com

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Causes moderate skin irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not apply where run-off is likely to occur. Apply this product only as specified on this label. Do not apply directly adjacent to potable water supplies.

PHYSICAL OR CHEMICAL HAZARDS

Do not allow product to freeze.

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 through any type of irrigation system. Thoroughly mix product in original container prior to use. Do not apply this product in a way that will contact workers or other persons either directly or through drift.

FOR TURFGRASS

Use as a fungicide in the prevention and control of the listed soil-borne diseases which attack turfgrass on golf courses, home lawns, institutional, ornamental, and recreational areas where fine turf is under a maintenance program. *Do not use on turf for "Leaf Spot" or "Dollar Spot" diseases in California.

Diseases Controlled

Common Name	Fungi Name
Brown Patch or Rhizoctonia Blight	<i>Rhizoctonia solani</i>
Leaf Spot	<i>Drechslera poae</i> *
Dollar Spot	<i>Sclerotinia homoeocarpa, Moellerodiscus sp., Lanzia sp.*</i>
Gray Snow Mold	<i>Typhula sp</i>
Pink Snow Mold	<i>Microdochium nivale</i>

*Do not use in California

For best results use as a preventive application before diseases appear or apply at the first sign of the infection. If heavy rainfall or flooding occurs after treatment or if disease is severe or reappears, treat area again. Follow the rates and comments as listed below for control of turfgrass diseases. Note: Apply the high rate when disease is severe and use low rate when disease pressure is light. Treated area should be watered lightly as soon as possible after the application to wash the fungicide down to the soil level.

Disease/Host	Amount per gallon of water per 1,000 sq. ft.	How and when to apply
Brown Patch or Rhizoctonia Blight (<i>Rhizoctonia solani</i>) St. Augustine, Bermuda & similar warm season grasses	16 to 24 fl. oz. in 1 to 5 gals. of water per 1,000 sq. ft.	Apply once in Spring for Fall or when disease appears. If it reappears, retreat 3 to 4 weeks later.
Dichondra	16 to 24 fl. oz. in 5 to 10 gals. of water per 1,000 sq. ft.	Treat as above.
Bluegrass, Rye, Fescue, Bent & Similar cool season grasses	5 to 6 fl. oz. in 1 to 5 gals. of water per 1,000 sq. ft.	Apply at first sign of disease. Repeat every 7 to 10 days during warm, damp weather.
All Turf Grass Species Leaf Spot* (<i>Drechslera poae</i>) Dollar Spot* (<i>Sclerotinia homoeocarpa, Moellerodiscus sp., Lanzia sp.</i>) *Do not use in California	11 to 16 fl. oz. in 1 to 5 gals. of water per 1,000 sq. ft.	For preventive apply in spring or fall or each year. If disease is present, apply at 16 fl. oz. rate as soon as possible. If disease is severe or reappears, retreat area 3 to 4 weeks later.
Cool Climate Grasses Gray Snow Mold (<i>Typhula sp.</i>) Pink Snow Mold (<i>Microdochium nivale</i>)	12 to 16 fl. oz. in 1 to 5 gals. of water per 1,000 sq. ft.	First treatment should be made prior to first snow fall.

Do not graze treated areas or feed grass clippings to livestock. Under certain growing conditions, a temporary discoloration of the grass occasionally may occur. This causes no harm and will disappear in a short time.

STORAGE AND DISPOSAL

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

STORAGE: Store product in its original container in a cool, dry, locked place out of reach of children. Protect from temperatures below 35°F.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

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AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

PARFLO® 4F is a registered trademark of Amvac Chemical Corporation.

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