



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:
557-1996

Date of Issuance:

JAN 25 1996

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
Fertilizer Plus 0.50%
Oftanol Par Ex

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Vigoro Industries, Inc.
2017 W. Highway 50
Fairview Hts, IL 62208

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

- a. Add the phrase, "EPA Reg. No. 557-1996".
- b. Under the heading, "Environmental Hazard", delete the statement, "Keep out of lakes, streams and ponds".
- c. Under the heading, "Directions for Use", delete the statement, "For use on plants intended for aesthetic purposes or climatic modifications and being grown in ornamental gardens or parks, or on golf courses or lawns. Not for use on plants being grown (1) for sale or other commercial use, (2) for commercial seed production, or (3) for research purposes."

Since your product is only labeled for use on turf, the third sentence under the heading, "Restrictions" is the appropriate Worker Protection Standard exclusionary statement.

Signature of Approving Official:

Date:

JAN 25 1996

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3. Within 30 days from the date of this Notice, submit your Confidential Statement of Formula (CSF), EPA Form 8570-4 to show the correct EPA Reg. No. for the technical material utilized in the formulation of subject product (item 12 of the form). Your current Formulators' Exemption Statement (FES) dated November 28, 1994 bears the correct EPA Reg. No.

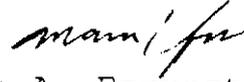
It is understood that the CSF and FES dated November 28, 1994 replace all others previously submitted for the subject product.

4. Submit two copies of the revised final printed label before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,



Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (7504C)

FRONT PANEL

3 7 7
21-2-6

ACCEPTED
with COMMENTS
in EPA Letter Dated

FERTILIZER

PLUS 0.50% OFTANOL®*

PAR EX®**

THE EX STANDS FOR EXCELLENCE

JAN 25 1996

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
557-1996

For selective control of soil insects such as mole cricket, sod webworms, chinch bugs, white grub, billbug and hyperodes weevil control.

ACTIVE INGREDIENT:

1-methylethyl 2-((ethoxy ((1-methylethyl) amino) phosphinothioyl)oxy) benzoate

0.50%

INERT INGREDIENTS:

99.50%

TOTAL

100.00%

Contains 10 pounds of OFTANOL per ton or 0.25 lbs. per 50 lb. bag.

KEEP OUT OF REACH OF CHILDREN

CAUTION

In case of contact; for eyes, flush with water for 15 minutes; for skin, wash with plenty of soap and water. Get medical attention if irritation persists. See back panel for additional precautionary statements.

*Oftanol® is a registered trademark used under license.

**Par Ex® is a registered trademark of Vigoro Industries, Inc.

NET WT. 50 LBS. (22.6 kg)

EPA Reg. No. 557-

EPA Est. No. 557-FL-1

NET WT. 50 LBS. (22.6 kg)

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21-2-6

FERTILIZER

PLUS 0.50% OFTANOL®

GUARANTEED ANALYSIS

Total Nitrogen (N)	21.00%
12.25% Ammoniacal Nitrogen	
6.60% Urea Nitrogen*	
2.15% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	2.00%
Soluble Potash (K ₂ O)	6.00%
Iron (Fe)	0.50%
Total Manganese (Mn)	0.80%
0.80% Water Soluble Manganese (Mn)	

Derived from ammonium phosphate, ammonium sulfate, isobutylidene diurea, sulfur coated urea, muriate of potash, iron oxide and manganese sulphate.

*Includes 5.2% slowly available urea nitrogen from sulfur coated urea.

PAR EX®
THE EX STANDS FOR EXCELLENCE

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. May cause eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse. Keep out of reach of children. SYMPTOMS OF POISONING. A sense of "tightness" in the chest, sweating, contracted pupils, stomach pains, vomiting and diarrhea.

In case of poisoning, call a physician or Poison Control Center. Have patient lie down and keep quiet.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: **Induce vomiting.** Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) syrup of ipecac. If vomiting does not occur within 19 to 20 minutes administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If on skin: Wash immediately with soap and warm water. If irritation occurs, get medical attention.

If eyes are contaminated: Wash with plenty of water for at least 15 minutes. Get medical attention.

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

TO PHYSICIAN: ANTIDOTE—Atropine sulfate has a slight antidotal effect and should be administered in therapeutic doses. Repeat as necessary to the point of tolerance.

Active ingredient inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish and wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions for Use and Conditions of Sale before using this product.

For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns. Not for use on plants being grown (1) for sale or other commercial use, (2) for commercial seed production, or (3) for research purposes.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED, OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. VIGORO INDUSTRIES AND THE SELLER OFFER, AND THE BUYER ACCEPTS AND USES THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF VIGORO INDUSTRIES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

RECOMMENDED APPLICATIONS

The use of this product at the rate of 9.18 pounds per 1000 square feet will provide 1.92 lbs. of nitrogen per 1000 sq. ft. At the same time this application will provide control of the below listed pests. The timing of the applications vary dependent upon the insect which is being controlled. Follow the directions as specified below for control of the listed turf grass pests. Consult your local turf, State Agriculture Experiment Station, or State Extension Specialists for more specific information regarding the timing of applications.

White grub larvae (such as Japanese beetle, Black turf grass ataenius, Northern masked chafer, European chafer, June and May beetle):

Preventative applications: To control the above listed pests apply this product at the rate of 9.18 pounds per 1000 square feet in the Spring (April through mid May) and immediately apply sufficient water to wet the soil 1 to 1 1/2 inches deep without causing run off.

Billbug larvae: Apply 9.18 pounds per 1000 square feet when adult activity is observed in the Sprig, usually late March to mid-May. Water in as for preventive white grub control.

For Hyperodes weevil control: Apply at the rate of 9.18 pounds per 1000 square feet in the Spring between full bloom periods of forsythia and flowering dogwood, usually April 15 to May 15 and water-in as directed above.

Mole crickets: Apply at the rate of 9.18 pounds per 1000 square feet preventively or when damage is observed. Apply 1/2 to 1 inch of water immediately after application if rainfall does not occur.

Sod webworm larvae and Chinch bugs: Apply 4.59 pounds or 9.18 pounds per 1000 square feet, (use higher rate for severe infestations) when insect damage is first observed. Apply 1/4 to 1/2 inch of water immediately after treatment. Re-apply as necessary for pest re-infestations (see restrictions).

APPLICATION TECHNIQUES

The application of this product can be made using a drop spreader. When using a drop spreader the application can be aided by a splash board mounted under the hopper for more uniform granule distribution. A more uniform application can be made by spreading half the required amount of this product over the area, and then immediately apply the remaining half at right angles or crosswise. The full recommended rate must be used for maximum benefit.

RESTRICTIONS

Do not mow treated turf before rainfall or irrigation has been applied as per recommended applications. Keep children and pets off treated areas until dry.

Do not use clippings from treated areas for feed or forage or allow food animals to graze treated areas.

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

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The maximum amount of this product which can be used is 18.36 pounds per 1000 square feet per year. Applications at the rate of 4.59 pounds per 1000 square feet must have a 15 day interval and applications at the rate of 9.18 pounds per 1000 square feet must have a 30 day interval between applications. A maximum of 1.45 ounces of active ingredient per 1000 square feet per year can be applied regardless of formulation.

STORAGE AND DISPOSAL

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

Do not reuse empty container. Wrap and put in trash collection.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Do not walk through spilled material. If material cannot be used as directed, dispose of by wrapping in paper and put in trash collection.

Par Ex® is a registered trademark of Vigoro Industries, Inc.
Manufactured by Vigoro Industries, Inc., 2121 Third St. SW, Winter Haven, FL 33880