

69526-10

09/26/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505C)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

69526-10

Date of Issuance:

SEP 26 2007

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product

PC Turf and Ornamentals

Name and Address of Registrant (include ZIP Code):

Petro-Canada  
385 Southdown Rd  
Mississauga, Ontario, L5K 1A8

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 changes to the label: Please see page 2 for label comments

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

A stamped copy "Accepted with comments" the label is enclosed for your records. Please submit two copies of the final printed label before releasing the product for shipment.

Signature of Approving Official:

Akiva Abramovitch, Ph. D.  
Chemist  
Insecticides/Rodenticides Branch

Date: SEP 26 2007

a) **Revise the EPA Registration Number to read, "EPA Reg. No. 69526-10".**

b) The name of the Active Ingredient must be changed to the name which is listed as the active ingredient of your source product used to formulate this product. As there are already many different names listed for this active ingredient, the Agency is interested in determining a single name that will be acceptable to all the registrants. The proposed name may be acceptable if all the manufacturers of the technical products for formulation are willing to use this name for their active ingredient.

c) In the Warranty Statement move "all such risks shall be assumed by the buyer" must be moved after "To the extent consistent with applicable laws".

d) The standard language under the Storage and Disposal statement is "Do not contaminate water, food or feed by storage and disposal".

# PC Turf and Ornamentals

Fungicide and Insecticide for Golf Course Turf and Ornamentals

<b>ACTIVE INGREDIENT:</b>	By Weight	
Synthetic Paraffin.....	98.00%	
<b>OTHER INGREDIENTS:</b> .....	2.00%	
<b>TOTAL</b> .....	100.00%	

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
 SEP 26 2007

**Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 69526-TU**

Patent Pending

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See inside for additional Precautionary Statements

<b>FIRST AID</b>	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOTLINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact PETRO-CANADA: 403-296-3000, or CANUTEC TRANSPORTATION: 613-996-6666, POISON CONTROL CENTRE, or 1-800-222-1222 to reach a poison control center in the U.S.</p>	
<b>NOTE TO PHYSICIAN: MAY POSE AN ASPIRATION PNEUMONIA HAZARD.</b>	

**EPA REG. NO. 69526-**

**EPA EST. NO.**

**Manufactured for:**  
 PETRO-CANADA LUBRICANTS  
 2489 SHERIDAN WAY  
 MISSISSAUGA, ONTARIO, L5K 1A8 CANADA

**NET CONTENTS: XX U.S. GAL. (XX L)**

[www.petro-canada.ca/](http://www.petro-canada.ca/)

## Precautionary Statements

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Harmful if swallowed or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. This product is a potential skin sensitizer. Avoid contact with eyes, skin, or clothing. Wash thoroughly with Soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

#### Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

#### Applicators and other handlers must wear:

- Long sleeved shirt and long pants;
- Chemical-resistant gloves, such as: barrier laminate or Nitrile rubber, Neoprene rubber or Viton;
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### ENVIRONMENTAL HAZARDS

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 contaminate water when disposing of equipment wash waters. Apply this product only as specified on the label.

## 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. 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. Do not apply this product aerially.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep children and pets out of the treated area until sprays have dried.

## STORAGE AND DISPOSAL

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

**STORAGE:** Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Keep drums closed to prevent entry of water. Do not freeze. Roll drum before use if stored longer than 3 months.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

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

**CONTAINER DISPOSAL: Metal:** 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. Do not cut or weld metal containers. **Plastic:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## GENERAL INFORMATION

PC Turf and Ornamentals is a broad spectrum, fungicide and insecticide for use on golf courses including turf and landscape ornamentals listed on this label.

PC Turf and Ornamentals may be applied as part of an alternating spray program or in tank mixes with other registered, turf and ornamental protection products. Read all label directions for proper use of other turf and ornamental protection products.

PC Turf and Ornamentals is used as a preventative treatment with curative properties recommended for the control of many important diseases on turf. This product is intended for fairways and roughs. It can also be applied to tees and greens but should be tested on small area prior to broad applications because short cut turf may be more susceptible to disease and phytotoxicity.

PC Turf and Ornamentals is recommended to control of powdery mildew, adelgids and webworms on landscape ornamentals.

PC Turf and Ornamentals may be applied with all types of spray equipment commonly used for making ground applications.

**Note:** This product has not been tested on all species or varieties. Before treating a large area, treat a small area and observe prior to full scale applications.

For ground applications, apply PC Turf and Ornamentals in sufficient water volume for adequate coverage and canopy penetration. All applications should be made according to the use directions that follow.

**Note:** This product was formulated to provide luster to turf and is not uncommon to notice a healthy luster after spraying.

## INTEGRATED PEST MANAGEMENT (IPM)

Pests are not known to develop resistance to PC Turf and Ornamentals and can be used for resistance management strategies and in an integrated pest management program (IPM). Consult with your local Cooperative Extension Specialist, on using this product for resistance management and using it an IPM program.

## MIXING DIRECTIONS

Use only in equipment with sufficient agitation to keep spray thoroughly mixed. Provide sufficient agitation during mixing and application to maintain a uniform emulsion. Be sure tank is clean. With agitator running, start filling tank with water; add PC Turf and Ornamentals when tank is about 1/2 full. If this mixture turns white, it indicates good emulsification. Fill the tank with water, adding other desired materials as tank is filling.

### DO NOT USE THIS MATERIAL IF IT DOES NOT EMULSIFY.

Note: Use efficient equipment of the proper type. Avoid spraying during or immediately prior to hot or freezing weather, rain or other unsuitable conditions; avoid over spraying or double spraying. Plants should be sprayed only when in vigorous condition and when their moisture condition is suitable. Before using, make certain spray tank is free of sulfur residues.

### Tank Mixes

For broader spectrum control, PC Turf and Ornamentals can be tank mixed with other fungicides. For example, PC Turf and Ornamentals may be tank mixed with chlorothalonil or it can be used alone when conditions are favorable for Grey Leaf Spot. PC Turf and Ornamentals is also compatible with numerous herbicides and insecticides. **Observe all directions, precautions, and limitations on labeling of all products used in tank mixes. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.**

If PC Turf and Ornamentals is tank mixed with other products, use the following sequence:

1. Always check the compatibility of the tank mix using a jar test with proportionate amounts of PC Turf and Ornamentals, other chemicals to be used, and the water, before mixing in the spray tank.
2. Provide sufficient jet or mechanical agitation during filling and application to keep the tank mix uniformly suspended.
3. Fill tank at least 1/2 full of clean water.
4. Add wettable powders to the tank first, allowing them to completely suspend in the tank before proceeding. This process can be hastened by premixing the product in water before adding to the tank.
5. Add flowables or suspensions next.
6. Add PC Turf and Ornamentals next.
7. Add emulsifiable concentrates last.
8. Do not leave tank mix combinations in the spray tank for prolonged periods without agitation.
9. Mix and apply them the same day.

## TURF ON GOLF COURSES INCLUDING FAIRWAYS, GREENS, ROUGHS AND TEES\*

*\*This product should be tested on small area of fairways, greens, roughs and tees prior to broad application because short cut turf may be more susceptible to disease and phytotoxicity.*

TARGET DISEASE	APPLICATION RATE (Ounces product per 1,000 sq. ft.)	APPLICATION INTERVAL (Days)	COMMENTS
Anthracnose ( <i>Colletotrichum graminicola</i> )	13 oz. to 64 oz.	14 to 28	Apply as a preventative treatment or when conditions are favorable for disease development.  Dilute in water to 5 to 10%  <b>**For Grey Snow Mold and Pink Snow Mold:</b> Make single application of 64 to 90 oz/1000 sq. ft. or 2 applications at 32 to 45 oz. spaced 14 days apart in late fall before snow cover.
Brown Patch ( <i>Rhizoctonia solani</i> )	13 oz. to 64 oz.	14 to 28	
Spring Leaf Spot	13 oz. to 64 oz.	14 to 28	
Grey Leaf Spot ( <i>Pyricularia grisea</i> )	13 oz. to 64 oz.	14 to 28	
**Grey Snow Mold ( <i>Typhula ishikariensis</i> , <i>Typhula incarnate</i> )	64 to 90	Single Application	
	32 to 45	14	
**Pink Snow Mold ( <i>Microdochium nivale</i> )	64 to 90	Single Application	
	32 to 45	14	
Dollar Spot ( <i>Sclerotinia homoeocarpa</i> )	13 oz. to 64 oz.	14 to 28	
Necrotic Ring ( <i>Leptosphaeria korrae</i> )	13 oz. to 64 oz.	14 to 28	
Red Thread ( <i>Laetisaria fuciformis</i> )	13 oz. to 64 oz.	14 to 28	
Powdery Mildew ( <i>Erysiphe graminis</i> )	13 oz. to 64 oz.	14 to 28	

TARGET PEST	APPLICATION RATE (Gallons product per 1,000 sq. ft.)	APPLICATION INTERVAL (Days)	COMMENTS
Annual Blue Grass Weevils	0.5 to 1	14 to 28	Dilute in water to 5 to 10%  Do not make spot applications. Treat the entire area where exposure (or infestation) occurs.
Banks Grass Mites			
Mealybugs			
Mites			
Cutworm			
Sod Webworm			

## LANDSCAPE ORNAMENTALS

**SHADE TREES\*\* AND SHRUBS INCLUDING CONIFERS, DECIDUOUS BROADLEAF EVERGREENS & WOODY ORNAMENTALS, ORNAMENTAL TREES\*\*, ALONG CITY STREETS, OTHER RIGHTS-OF-WAY, AND IN LANDSCAPES**

PESTS	APPLICATION RATE (Ounces product per gallon of water)	APPLICATION INTERVAL (Days)	COMMENTS
Powdery Mildew	1 to 2.5	14	<p>Apply when conditions are favorable for disease development.</p> <p><b>CAUTION:</b> Do not spray when there is obvious moisture deficit in leaves, or the plant is under stress.</p>
Adelgids, Webworms	<p><b>For Spring and Summer Use Only (Foliar or cover):</b></p> <p>1 to 2.5</p>	14	<p><b>CAUTION:</b> Do not spray when there is obvious moisture deficit in leaves, or the plant is under stress.</p> <p><b>NOTE:</b> May cause discoloration of Blue Spruce. Do not use on conifers or ferns not tolerant to oil sprays. Use enough spray solution to completely penetrate the leaf canopy and cover both top and bottom of all of the leaves and stems until wet but without significant runoff.</p> <p>Use a lower concentration for more sensitive plants.</p> <p>** This product removes the glaucous (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce. Always use lower dosage or test spray oil sensitive plants such as Cryptomeria, Smoke Tree, Chamaecyparis, Juniper, Japanese Holly and Spruce. Tendency toward sensitivity: Red Cedar and Douglas Fir.</p>



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**FOLIAGE ORNAMENTALS AND BEDDING PLANTS, SUCH AS AGERATUM, AGLAONEMA, ASTER, AZALEAS, BEGONIAS, BROWALLIA, CAMELLIAS, CELOSIA, CHRYSANTHEMUM, COLEUS, COSMOS, CROWN OF THORNS, DIEFFENBACHIA, DUSTY MILLER, FERNS, FICUS, GARDENIAS, GERBERA, HELLIChRYSUM, HIBISCUS FOLIAGE, HYDRANGEA, LISIANTHUS, MARIGOLD, NEW GUINEA IMPATIENS, NICOTONIA, PALMS, PETUNIA, PHILODENDRON, PORTULACA, REIGER BEGONIAS, SCHEFFLERA, SNAPDRAGON, SUNFLOWER, ZINNIAS**

*Some plants are more sensitive to oil treatments if any of the following conditions are present when application is made: High humidity (74%), an overcast or cloudy day, and/or inadequate air flow.*

PESTS	APPLICATION RATE (Gallons product per 100 gallons of water)	APPLICATION INTERVAL (Days)	COMMENTS
Powdery Mildew	0.5 to 1	7	Apply when conditions are favorable for disease development.  Due to varietal differences in response to a treatment of this product at the recommended rate, we recommend conducting a small test on 1 or 2 plants of the specific variety to be treated.

#### CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, 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 Petro-Canada Lubricants, the manufacturer or seller. All such risks shall be assumed by the buyer. To the extent consistent with applicable law neither Petro-Canada Lubricants, the manufacturer or seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. Except as warranted by this label, Petro-Canada Lubricants, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to 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. Except as provided by applicable law, buyer's or user's exclusive remedy, and Petro-Canada Lubricants', the manufacturer's or seller's total liability, shall be for damages not exceeding the cost of the product.