

69526-10

5/25/2010

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

69526-10

Date of Issuance:

MAY 25 2010

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product:

PC TURF AND
ORNAMENTALS

Name and Address of Registrant (include ZIP Code):

Ms. Juliana Mann
Steptoe & Johnson LLP
Agent for Petro-Canada
1330 Connecticut Avenue
Washington, DC 20036

S 875263
676/1275

~~Note: Changes in labeling/differences 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 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.

Based on your response to the Reregistration Eligibility Decision, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

The Confidential Statement of Formula (CSF) dated "October 21, 2009" for the "Basic Formulation" is accepted. This CSF replaces all CSFs previously accepted for this product.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments in this letter.

See page 2 for required label changes.

You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this Notice or the next printing of the label whichever occurs first, must bear the new revised label. A stamped copy of the label is enclosed for your records. If you have any questions, please contact William Jacobs at 703-305-6406 or jacobs.bill@epa.gov.

Signature of Approving Official:
Venus Eagle, Product Manager 01
Insecticide-Rodenticide Branch
Registration Division (7505P)

Date:

MAY 25 2010

2010

Label Changes for EPA Reg. No. 69526-10

The changes identified below must be made to the proposed label that is marked "EPA REREG 20091030".

1. To clarify that this prohibition applies to applications made from aircraft and not to airblast applications, change the last sentence of the first paragraph following "**DIRECTIONS FOR USE**" from "Do not apply this product aerially" to "Aerial application of this product is prohibited."
2. In the second paragraph in the "**COMMENTS:**" column of the use table for "**FOLIAGE ORNAMENTALS ... ZINNIAS**" (page 8), replace "recommended rate" with "specified rates".
3. The third sentence of the "**CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY**" paragraph is unclear in meaning. To make that sentence consistent with its (likely) intended meaning, insert a semicolon after the word "buyer"; and replace "neither Petro-Canada, the manufacturer, or the seller shall be" with "and Petro Canada, the manufacturer, or the seller shall not be".

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PC Turf and Ornamentals

Fungicide and Insecticide for Golf Course Turf and Ornamentals

By Weight

ACTIVE INGREDIENT:

Mineral Oil..... 98.00%

OTHER INGREDIENTS*:..... 2.00%

TOTAL..... 100.00%

*Contains petroleum distillates.

Patent Pending

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside for additional Precautionary Statements

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
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.
<p align="center">HOTLINE NUMBER</p> <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>	
<p>NOTE TO PHYSICIAN: THIS PRODUCT CONTAINS PETROLEUM DISTILLATES AND MAY POSE AN ASPIRATION PNEUMONIA HAZARD.</p>	

EPA REG. NO. 69526-10

EPA EST. NO.

Manufactured for:

PETRO-CANADA
385 SOUTHDOWN ROAD
MISSISSAUGA, ONTARIO, L5K 1A8 CANADA

NET CONTENTS: XX U.S. GAL. (XX L)³

www.petro-canada.ca/

Batch/Lot Number:

ACCEPTED
With COMMENTS
In EPA Letter Dated:
MAY 25 2010

Under the Federal Insecticide, Fungicide and Rodenticide Act, As amended, for the pesticide Registered under EPA Reg. No:

69526-10

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

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 there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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

User Safety Recommendations

Users should wash hands with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing and/or PPE immediately if pesticide gets inside, and then wash and put on clean clothing.

Users should remove PPE immediately after handling this product and wash themselves thoroughly and change into clean clothing as soon as possible.

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 or rinsate. 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.

Do not use this product on farms, or in forests, nurseries or greenhouses.

Do not enter or allow others to enter treated area until sprays have dried.

STORAGE AND DISPOSAL

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

PESTICIDE 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: Dispose of wastes resulting from use of this product on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

[Rigid, nonrefillable containers equal to or less than 5 gallons:]

Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available, 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.

[Rigid, nonrefillable containers greater than 5 gallons:]

Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

[For Plastic containers greater than 5 gallons:] Then offer for recycling, if available, 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. **[For Metal containers greater than 5 gallons:]** If recycling is unavailable, puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

USE RESTRICTIONS AND PRECAUTIONS

PC Turf and Ornamentals is registered for use on golf courses, landscape ornamentals, and foliage ornamentals and bedding plants. See use tables for the categories of plants on which this product may be used and note the warnings provided in those tables regarding the sensitivity of certain varieties to this product. The use tables also identify the types of pest organisms and plant diseases that this product may be used to control.

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

Apply this product in water volume sufficient for adequate coverage and canopy penetration. Make all applications according to the specifications in the use tables which follow the **MIXING DIRECTIONS**.

On golf courses, this product may be used on fairways and roughs. It also may be used on tees and greens, but should be tested on small areas prior to making broader applications because short-cut turf may be more susceptible to phytotoxicity and diseases that this product does not affect.

Note: This product has not been tested on all species of landscape ornamentals, foliage ornamentals and bedding plants, and turf plants. Treat small areas and observe plants for signs of toxicity before applying this product to large areas.

Turf may show a luster after having been sprayed with this product.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (e.g., ground or airblast) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed

Do not apply at wind speeds greater than 15 mph at the application site.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if (a) conditions of temperature inversion exist, or (b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Release Height

Apply using a nozzle height of no more than 4 feet above the ground or crop canopy.

Droplet Size

Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

For airblast applications, turn off outward-pointing nozzles at row ends and when spraying outer row. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

INTEGRATED PEST MANAGEMENT (IPM)

Pests are not known to develop resistance to PC Turf and Ornamentals. This product can be used as part of resistance management strategies and in integrated pest management (IPM) programs. 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.

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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% **For Grey Snow Mold and Pink Snow Mold: 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	
**Pink Snow Mold (<i>Microdochium nivale</i>)	32 to 45	14	
	64 to 90	Single Application	
Dollar Spot (<i>Sclerotinia homoeocarpa</i>)	32 to 45	14	
	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			

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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>CAUTION: Do not spray when there is obvious moisture deficit in leaves, or the plant is under stress.</p>
Adelgids, Webworms	<p>For Spring and Summer Use Only (Foliar or cover):</p> <p>1 to 2.5</p>	14	<p>CAUTION: Do not spray when there is obvious moisture deficit in leaves, or the plant is under stress.</p> <p>NOTE: 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, Chamaecypris, Juniper, Japanese Holly and Spruce. Tendency toward sensitivity: Red Cedar and Douglas Fir.</p>

FOLIAGE ORNAMENTALS AND BEDDING PLANTS, INCLUDING 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, the manufacturer or seller. To the extent consistent with applicable law, all such risks shall be assumed by the buyer neither Petro-Canada, the manufacturer or seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. To the extent consistent with applicable laws, except as warranted by this label, Petro-Canada, 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's, the manufacturer's or seller's total liability, shall be for damages not exceeding the cost of the product.