

69526-13

07101/2008

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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:

69526-13

Date of Issuance:

JUL 01 2008

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Civitas

Name and Address of Registrant (include ZIP Code):

Petro-Canada Lubricants  
2489 Sheridan Way  
Mississauga, Ontario, L5K 1A8  
Canada

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 section 3(c)(7)(A) and (B) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
  - a. Revise the EPA Registration Number to read "EPA Reg. No. 69526-13"

Signature of Approving Official:

  
John Hebert, Product Manager (07)  
Insecticide-Rodenticide Branch, Registration Division (7505P)

Date:



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b. Replace the note to physician statement with the following statement: "Contains petroleum distillate. Do not induce vomiting since vomiting may induce aspiration pneumonia."

c. Change the subtitle "General information" on page 3 of the label to "Use information".

3. Submit one copy of the revised final printed label for the record 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 section 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.

John Hebert  
Product Manager (07)  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

# CIVITAS™

Fungicide and Insecticide for Golf Course Turf and for Ornamentals

By Weight

**ACTIVE INGREDIENT:**  
 Mineral Oil..... 98.00%  
**OTHER INGREDIENTS:** ..... 2.00%  
**TOTAL** ..... 100.00%

**ACCEPTED**  
With **COMMENTS**  
In EPA Letter Dated:

JUL 01 2008  
Under the Federal Insecticide, Fungicide  
and Rodenticide Act, As amended, for the  
pesticide Registered under EPA Reg. No:

Patent Pending

69526-13

**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. To reach a U.S. POISON CONTROL CENTER, call 1-800-222-1222. You may also contact PETRO-CANADA: 403-296-3000, or CANUTEC Canadian Transport Emergency Centre: 613-996-6666.</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/)

[Batch Code/Lot Number]

## 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 aurally.

### 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 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:

**[250-Gallon Polyethylene Bladder in Steel Cage]:** Do not reuse or refill this container. Return bladder and steel cage to your CIVITAS™ dealer.

**[55 Gallon Polyethylene Drums]:** Do not reuse or refill this container. Return drum to your CIVITAS™ dealer.

**[5-Gallon Polyethylene Pail]:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. 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.

## GENERAL INFORMATION

CIVITAS™ is a broad spectrum, fungicide and insecticide for use on golf course turf and landscape ornamentals listed on this label. CIVITAS™ is used to control of powdery mildew, adelgids and webworms on landscape ornamentals.

CIVITAS™ 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.

CIVITAS™ is used as a preventative treatment with curative properties recommended for the control of many important diseases on turf. This product is intended primarily for fairways and roughs.

**For turf applications, CIVITAS™ must only be used in conjunction with Petro-Canada Lubricant's CIVITAS HARMONIZER™.**

**Do not use CIVITAS HARMONIZER™ for ornamental applications.**

CIVITAS™ may be applied with spray equipment commonly used for ground applications. Ensure sufficient agitation is provided either through the use of mechanical mixing or thorough circulation

**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 CIVITAS™ in sufficient water volume for adequate coverage and canopy penetration. All applications must 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 CIVITAS™ 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

### 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.

### 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.

### For Ornamental Applications:

With agitator running, start filling tank with water; add CIVITAS™ 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.

### For Turf Applications:

CIVITAS™ must only be used in conjunction with Petro-Canada's CIVITAS HARMONIZER™. Use 1 part of CIVITAS™ HARMONIZER™ with 8 parts of CIVITAS™ by volume.

Carefully calculate the quantity of CIVITAS™ and CIVITAS HARMONIZER™ needed before mixing. Shake or agitate CIVITAS HARMONIZER™ immediately prior to use. With agitator running, start filling tank with water; add CIVITAS™ when tank is about 1/2 full. If this mixture turns white, it indicates good emulsification. Fill the tank with water, adding CIVITAS HARMONIZER™ as tank is filling. Spray mix should have a uniform opaque dark green color. Keep agitation during application. Prepare only enough spray mix for the current days use, do not store spray mix.

## Tank Mixes

For broader spectrum control, CIVITAS™ can be tank mixed with other fungicides. CIVITAS™ 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 CIVITAS™ 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 CIVITAS™, **CIVITAS HARMONIZER™** (for turf application), other chemicals to be used, and the water, before mixing in the spray tank.
2. For turf applications, shake or agitate **CIVITAS HARMONIZER™** immediately prior to use.
3. Provide sufficient jet or mechanical agitation during filling and application to keep the tank mix uniformly suspended.
4. Fill tank at least 1/2 full of clean water.
5. 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.
6. Add flowables or suspensions next.
7. Add CIVITAS™ next.
8. Add emulsifiable concentrates last.
9. **For Turf applications, add Petro-Canada CIVITAS HARMONIZER™ in a ratio of 8 parts by volume CIVITAS™ to 1 part CIVITAS HARMONIZER™ by volume.**
10. Do not leave tank mix combinations in the spray tank for prolonged periods without agitation.
11. Mix and apply them the same day.

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

*\*This product is primarily intended for use on fairways and roughs. The product should be tested on small area prior to broad application.*

TARGET DISEASE	APPLICATION RATE (Ounces CIVITAS™ per 1,000 sq. ft.)	Ounces CIVITAS HARMONIZER™ per 1,000 sq. ft.	Total Application Volume with water (gal per 1,000 sq. ft.)	APPLICATION INTERVAL (Days)	COMMENTS
Anthracnose ( <i>Colletotrichum graminicola</i> ) Brown Patch ( <i>Rhizoctonia solani</i> ) Spring Leaf Spot Grey Leaf Spot ( <i>Pyricularia grisea</i> ) Fusarium patch Dollar Spot ( <i>Sclerotinia homoeocarpa</i> ) Necrotic Ring ( <i>Leptosphaeria korrae</i> ) Red Thread ( <i>Laetisaria fuciformis</i> ) Leaf Spot / Melting-out ( <i>Drechslera spp. and/or Bipolaris spp</i> ) Powdery Mildew ( <i>Erysiphe graminis</i> )	16 oz. to 32 oz.	2 oz. to 4 oz.	2.5 gal to 5 gal	7 to 21	Only use in conjunction with Petro-Canada's CIVITAS HARMONIZER™.  Apply as a preventative treatment or when conditions are favorable for disease development.
**Grey Snow Mold ( <i>Typhula ishikariensis, Typhula incarnate</i> ) **Pink Snow Mold ( <i>Microdochium nivale</i> )	16 oz. to 32 oz.	2 oz. to 4 oz.	2.5 gal to 5 gal	7 to 14	**For Grey Snow Mold and Pink Snow Mold: Make 2 or more applications spaced 7-14 days apart in late fall before snow cover.

TARGET PEST	APPLICATION RATE Ounced CIVITAS™ per 1,000 sq. ft.)	Ounces CIVITAS HARMONIZER™ per 1,000 sq. ft.	Total Application Volume with water (gal per 1,000 sq. ft.)	APPLICATION INTERVAL (Days)	COMMENTS
Annual Blue Grass Weevils Banks Grass Mites Mealybugs Mites Cutworm Sod Webworm Fall Armyworm	16 oz. to 32 oz.	2 oz. to 4 oz.	2.5 gal to 5 gal	7 to 21	Only use in conjunction with Petro-Canada's CIVITAS HARMONIZER™  Do not make spot applications. Treat the entire area where exposure (or infestation) occurs.

## LANDSCAPE ORNAMENTALS

<b>SHADE TREES** AND SHRUBS</b>			
INCLUDING CONIFERS, DECIDUOUS BROADLEAF EVERGREENS & WOODY ORNAMENTALS, ORNAMENTAL TREES**, ALONG CITY STREETS, OTHER RIGHTS-OF-WAY, AND IN LANDSCAPES			
TARGET PEST	APPLICATION RATE (Ounces CIVITAS™ per gallon of water)	APPLICATION INTERVAL (Days)	COMMENTS
Powdery Mildew	<p style="text-align: center;">1 to 2.5</p> <p>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 style="text-align: center;">14</p>	<p><b>Do not use with Petro-Canada's CIVITAS HARMONIZER™.</b></p> <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 style="text-align: center;"><b>For Spring and Summer Use Only</b></p> <p style="text-align: center;">1 to 2.5</p> <p>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 style="text-align: center;">14</p>	<p><b>Do not use with Petro-Canada's CIVITAS HARMONIZER™.</b></p> <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.</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>

<b>FOLIAGE ORNAMENTALS AND BEDDING PLANTS</b>			
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			
<i>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.</i>			
TARGET PEST	APPLICATION RATE (Ounces CIVITAS™ per gallon of water)	APPLICATION INTERVAL (Days)	COMMENTS
Powdery Mildew	0.5 to 1.5  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.	7	<b>Do not use with Petro-Canada's CIVITAS HARMONIZER™.</b>  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. 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. All such risks shall be assumed by the buyer. 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. To the extent consistent with 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.