

69526-13

01-21-2009

1/14



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

JAN 21 2009

Dr. Robert G. Butz, P.h.D.  
Keller and Heckman LLP  
Agent for Petro-Canada Lubricants  
1001 G Street, N.W. Suite 500 West  
Washington, D.C. 20001

SUBJECT: Application for Pesticide Notification (PRN 98-10)  
Request General Label Change  
EPA Reg. No. 69526-13  
Application Dated November 7, 2008

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 11/07/08 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

2/4

Please read instructions on reverse before completing form

Form Approved, OMB No. 2070-0060, Approval expires 5-31-98

	United States	<input type="checkbox"/> Registration	OPP Identifier Number
	Environmental Protection Agency	<input type="checkbox"/> Amendment	
	Washington, DC 20460	<input checked="" type="checkbox"/> Other	

Application for Pesticide - Section I

1. Company/Product Number 69526-13	2. EPA Product Manager John Hebert	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Civitas™	PM # 7	
5. Name and Address of Applicant (Include ZIP Code) Petro-Canada Lubricants R&D Center 2489 Sheridan Way Mississauga, Ontario LSK 1A8 Canada <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <b>NOTIFICATION</b> EPA Reg No. <u>JAN 21 2009</u> Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below	<input type="checkbox"/> Other - Explain below

**NOTIFICATION**  
JAN 21 2009

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

Notification to correct typo in product label and clarify statements per PR Notice 98-10.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section III

1. Material This Product Will be Packaged in:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
		If "Yes" Package wgt.	No. per container	<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 250 Gal Polyethylene bladder in a Steel cage 55 Gal Polyethylene Drum 5 Gal Polyethylene pail		5. Location of label directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Label accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	<input checked="" type="checkbox"/> Other <u>Glue with booklet in a plastic pouch</u>		

Section IV

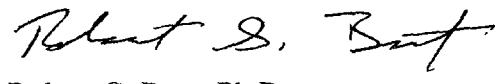
1. Contact Person (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Robert G. Butz	Title Staff Scientist, Authorized Agent Keller and Heckman LLP	Telephone No. (Include Area Code) 202-434-4189
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law		6. Date Application Received:  (Stamped)
2. Signature 	3. Title Staff Scientist, Authorized Agent Keller and Heckman LLP	
4. Typed Name Robert G. Butz	5. Date November 7, 2008	



KELLER AND HECKMAN LLP

November 10, 2008  
Page 2

Sincerely,



Robert G. Butz, Ph.D.  
Staff Scientist  
Authorized Agent for Petro-Canada

cc: Michael Fefer, Petro-Canada Lubricants

cc: Michael Fefer, Petro-Canada Lubricants

cc: Michael Fefer, Petro-Canada Lubricants

**NOTIFICATION**  
**JAN 21 2009**



TM

**Fungicide and Insecticide for Golf Course Turf and for Ornamentals**

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

**Patent Pending**

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**KEEP OUT OF REACH OF CHILDREN**

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**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> 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.	
<b>NOTE TO PHYSICIAN:</b> Contains petroleum distillate. Do not induce vomiting since vomiting may induce aspiration pneumonia.	

**EPA REG. NO.** 69526-13

**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]

*Handwritten mark*

## 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 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. If recycling is unavailable, puncture and dispose of in sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## USE 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 in 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™. CIVITAS HARMONIZER™ enhances the color of treated turf while minimizing the impact of stresses. For purposes of color adjustment the ratio of Petro-Canada CIVITAS HARMONIZER™ to CIVITAS™ can be varied from 1 to 8 up to 1 to 16 by volume and any value in between.

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.

2/15  
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## Tank Mixes

DO NOT combine CIVITAS™ in the spray tank with pesticides, surfactants, or fertilizers, unless your prior use has shown the combination physically compatible and non-injurious under your conditions. DO NOT combine CIVITAS™ with chlorothalonil as phytotoxicity may result from the combination when applied to turf. ~~some species of turf on this label.~~

## 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.</i> and/or <i>Biopolaris spp.</i> ) Powdery Mildew ( <i>Erysiphe graminis</i> )	8 oz. to 32 oz.	1 oz. to 4 oz.	1 gal to 5 gal	7 to 21	Only use in conjunction with Petro-Canada's CIVITAS HARMONIZER™.  Add Petro-Canada CIVITAS HARMONIZER™ in a ratio of between 8 and 16 parts by volume CIVITAS™ to 1 part CIVITAS HARMONIZER™ by volume. Use lower ratio of CIVITAS™ to CIVITAS HARMONIZER™ to achieve more intense coloration of treated area.  Apply as a preventative treatment or when conditions are favorable for disease development.
**Grey Snow Mold ( <i>Typhula ishikariensis</i> , <i>Typhula incarnate</i> ) **Pink Snow Mold ( <i>Microdochium nivale</i> )	8 oz. to 32 oz.	1 oz. to 4 oz.	1 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.  Add Petro-Canada CIVITAS HARMONIZER™ in a ratio of between 8 and 16 parts by volume CIVITAS™ to 1 part CIVITAS HARMONIZER™ by volume. Use lower ratio of CIVITAS™ to CIVITAS HARMONIZER™ to achieve more intense coloration of treated area.

20081023. Changes for Clarification - Highlighted  
Master Label

12  
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TARGET PEST	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
Annual Blue Grass Weevils Banks Grass Mites Mealybugs Mites Cutworm Sod Webworm Fall Armyworm	8 oz. to 32 oz.	1 oz. to 4 oz.	1 gal to 5 gal	7 to 21	<p>Only use in conjunction with Petro-Canada's CIVITAS HARMONIZER™</p> <p>Add Petro-Canada CIVITAS HARMONIZER™ in a ratio of between 8 and 16 parts by volume CIVITAS™ to 1 part CIVITAS HARMONIZER™ by volume. Use lower ratio of CIVITAS™ to CIVITAS HARMONIZER™ to achieve more intense coloration of treated area.</p> <p>Do not make spot applications. Treat the entire area where exposure (or infestation) occurs.</p>

**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			
<b>TARGET PEST</b>	<b>APPLICATION RATE (Ounces CIVITAS™ per gallon of water)</b>	<b>APPLICATION INTERVAL (Days)</b>	<b>COMMENTS</b>
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 <b>CIVITAS™</b> spray solution. 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>

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<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 CIVITAS™ <del>oil treatments</del> 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.