

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

August 6, 2015

Jennifer Yentel Registration Manager Sipcam Agro USA, Inc. 2525 Meridian Parkway, Suite 350 Durham, NC 27713

Subject: Notification per PRN 98-10: Delete "Lawns" to match restriction; other minor changes

Product Name: CTL + Ipro Turf and Ornamental Fungicide

EPA Registration Number: 60063-55 Application Date: July 20, 2015 Decision Number: 507611

Dear Ms. Yentel:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls 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 contact Tony Kish by phone at 703 308-9443, or via email at kish.tony@epa.gov; or Craig Reeves by phone at 703 347-0486, or via email at reeves.craig@epa.gov.

Sincerely,

Tony Kish, Product Manager 22 Fungicide Branch

Registration Division (7505P)

Office of Pesticide Programs

Enclosure: Stamped Label: Notification

NOTIFICATION 60063-55



The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

08/06/2015

SIPCAM AGRO USA, INC.

CTL + Ipro Turf and Ornamental Fungicide

Active Ingredients:

and/or systemic steroids.

Chlorothalonil: tetrachloroisophthalonitrile	28.0%
Iprodione: 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolinecarboxamide	14.0%
Other Ingredients:	58.0%
Total:	100.0%

Contains 3 pounds chlorothalonil per gallon. Contains 1.5 pounds iprodione per gallon.

Keep Out of Reach of Children DANGER – PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

	FIRST AID		
IF IN EYES	 Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice. 		
IF INHALED	 Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. 		
IF ON SKIN OR CLOTHING	 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. 		
 Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. 			
Have the product container or label with you when calling a poison control center or doctor or going for treatment.			
Emergency phone numbers (800) 424-9300 CHEMTREC (transportation and spills) (800) 222-1222 Poison Control Center			
NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Persons having a temporary allergic reaction respond to treatment with antihistamines or steroid creams			

EPA Reg. No. 60063-55 Net Contents: EPA Est. No.:

See additional Precautionary Statements and Directions for Use inside label booklet.

Manufactured for: Sipcam Agro USA, Inc. 2525 Meridian Parkway, Suite 350 Durham, NC 27713

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER – PELIGRO

Corrosive. Causes irreversible eye damage. May be fatal if inhaled. Causes skin irritation. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Note to User: This product may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Person having allergic reaction should contact a physician.

Personal Protective Equipment (PPE):

Applicators, mixers, loaders and other handlers must wear:

- · Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves made of waterproof material, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyethylene, polyvinyl chloride, or viton; If you want more options follow the instructions for Category A on an EPA chemical-resistance category selection chart.
- Chemical-resistant footwear plus socks
- Protective eye-wear such as goggles, safety glasses, or face shield
- A dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC21C)
- Chemical-resistant headgear for overhead exposures
- A chemical resistant apron when cleaning equipment, mixing, or loading

User Safety Requirements:

Discard clothing or other materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife, fish, invertebrates, and marine/estuarine organisms. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high-water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

This product can contaminate surface water through spray drift. Do not apply when weather conditions favor drift from treated areas. Under some conditions, it may also have a high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not

separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

Chlorothalonil, one of the active ingredients in this product, is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Attention: This product contains a chemical known to the State of California to cause cancer.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product.

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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval (REI). The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the REI of 48 hours.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water) is: Coveralls over short-sleeved shirt and short pants, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear.

Special Eye Irritation Provisions: This product is a severe eye irritant. Although the restricted-entry interval expires after 12 hours, for the next 61/2 days entry is permitted only when the following safety measures are provided:

- (1) At least one container designed specifically for flushing eyes must be available in operating condition at the WPS-required decontamination site intended for workers entering the treated area.
- (2) Workers must be informed, in a manner that they can understand:
 - that residues in the treated area may be highly irritating to their eyes,
 - that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes,
 - that if they do get residues in their eyes, they should immediately flush their eyes using the eyeflush container that is located at the decontamination site or using other readily available clean water, and
 - how to operate the eyeflush container.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box only 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. Do not enter or allow others to enter the treated areas until sprays have dried.

General Use Precautions and Restrictions

- Use of this product at residential sites is prohibited.
- Except for use on golf courses, if applying this product adjacent to a water body such as a lake, reservoir, river, permanent stream, marsh or natural pond, estuary, or commercial fish pond, there must be at least a 25-foot vegetative buffer strip between the water body and the point of application.
- For golf courses only, do not apply to turf cut higher than 1" on golf holes where water bodies are present.
- Do not apply this product when the wind direction is toward aquatic areas.
- Apply with ground equipment only.
- Do not apply more than 24 lbs. of iprodione active ingredient per acre annually.
- Do not make more than 6 applications of this product per year.
- Do not mix this product with any sticker, extender or wetting agents.

Mixing, Loading, and Applying Instructions

Partially fill the spray tank with clean water. Measure the required amount of CTL + Ipro Turf and Ornamental Fungicide and pre-mix with a small volume of water then add this to the tank. Agitate to ensure thorough mixing while filling tank with remaining water. Maintain agitation during application and apply with properly calibrated application equipment. **Do not prepare more solution than can be used within a 12 hour period to minimize degradation of active ingredient, particularly in water with a high pH.** The spray solution should be buffered to a pH of 5.0 - 7.0. Mixing with very acidic products may result in precipitation of CTL + Ipro Turf and Ornamental Fungicide.

If you are unsure about disease conditions, contact your local extension agent.

TURFGRASSES

Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, recreational park athletic fields, athletic fields located on or next to schools (e.g., elementary, middle, and high schools), campgrounds, churches, and theme parks.

Do not apply more than the following totals of chlorothalonil active ingredient from all registered product sources to the indicated types of turfgrass:

TYPE OF TURFGRASS	TOTAL CHLOROTHALONIL ACTIVE INGREDIENT PER ACRE PER YEAR
Golf Course Greens	73 lbs
Golf Course Tees	52 lbs
Golf Course Fairways	26 lbs
Other Turf	26 lbs

Do not drench the foliage to the point of runoff.

Do not mow or irrigate treated areas until the spray deposit on turfgrass is completely dry. Wait 24 hours following treatment.

Do not graze animals on treated turf and do not feed clippings from treated turf to livestock or poultry.

Initiate applications when disease presence is detected or if weather conditions favor disease development and repeat applications as long as these conditions persist. Under severe disease development, apply the highest rate at the shortest interval of applications for all diseases. For light to moderate disease pressure, apply the lowest rate at the longest interval.

Apply the rates indicated in the table in 0.5 to 10 gallons of water per 1,000 sq. ft.

Application Rates and Directions

Disease	Rates	Application

	Golf Course Greens and Tees (Rate/1000 sq. ft)	Golf Course Fairways <mark>, Lawns,</mark> & Other Turfgrasses (Rate/Acre)	Interval (days)
Dollar Spot (Sclerotinia homoeocarpa; Lanzia spp. and Moellerodiscus spp.) Brown Patch (Rhizoctonia solani, R. zeae, R. cerealis)	4 – 6 fl. oz.	10 7/8 – 16 1/4 pt.	Golf course greens and tees: 14 - 21
Leaf spot, Melting-out, Brown blight (Drechslera spp.(including D. poae, D. siccans), Bipolaris sorokiniana, Curvularia spp.)	4 – 6 fl. oz.	10 7/8 – 16 1/4 pt.	Golf course fairways and other turf areas: 14 - 28
Large patch* (<i>Rhizoctonia solanii</i>)	5 fl. oz.	13 5/8 pt.	14 - 21
Largo patori (runzostorna conarm)	Make first application development but no symp	in fall when conditions of toms are visible.	favor disease
Gray leaf spot (Pyricularia grisea, P. oryzae)	4 – 6 fl. oz.	10 7/8 – 16 1/4 pt.	14 - 28
Red thread (Laetisaria fuciformis)	5 – 8 fl. oz.	13 5/8 – 21 3/4 pt.	14 minimum
Anthracnose (Colletrotrichum graminicola)	6 – 8 fl. oz.	16 1/4 - 21 3/4 pt.	14 minimum
Copper spot (Gloeocercospora sorghi)	8 fl. oz.	21 3/4 pt.	14 minimum
Stem rust (bluegrass) (Puccinia graminis)	8 fl. oz.	21 3/4 pt.	14 minimum
Dichondra leaf spot (Alternaria spp.)	8 fl. oz.	21 3/4 pt.	14 minimum
Large patch* (Rhizoctonia solanii)	4 – 7 fl. oz.	10 7/8 – 19 1/8 pt.	14 minimum
Fusuarium blight (<i>Fusarium spp.</i>)	10 fl. oz.	27 1/8 pt.	28 minimum
Necrotic ring spot* (Leptospheria korrae)	Use only preventative foliar application when conditions first become favorable for disease development.		
Fusarium patch (Michrodochium nivalis) [Pacific Northwest Only – West of the Cascade Mountains]	8 – 10 fl. oz.	21 3/4 - 27 1/8 pt.	21 - 28
Gray snow mold (Typhula spp.) Pink snow mold (Fusarium nivale)	8 – 10 fl. oz.	21 3/4 - 27 1/8 pt.	Make one application before first permanent snow cover and a second during a midwinter thaw.
Corticum read thread (Laetisaria fuciformosis)	5.5 fl. oz.	14 7/8 pt.	14 minimum
	Make applications as required for prevention.		
Curvularia (Curvalaria spp.) [Bermudagrass	5.5 fl. oz.	14 7/8 pt.	14 minimum
only]	Make applications as requ	uired for prevention.	

^{*}Not registered for use in California

ORNAMENTALS

For field, landscape and greenhouse ornamentals.

For use in commercial nurseries only. Do not use in residential areas. Do not apply to ornamentals which can bear harvestable fruit or nuts.

Fruits and other structures which may be borne on treated plants MUST NOT BE EATEN.

This product may be used in greenhouses. Do not use mistblowers or high pressure spray equipment when making applications of this product in greenhouses.

CTL + Ipro Turf and Ornamental Fungicide is recommended for use on the ornamentals listed in the table below for control of fungal diseases referred to by numbers in the Diseases Controlled column. As it is

not possible to test every species or variety of ornamental plant for tolerance, the user should test this product for phytotoxic responses, using the listed rates on each type of ornamental plant on a small area prior to widespread use. Applications made during bloom may damage flowers and/or fruits.

Apply CTL + Ipro Turf and Ornamental Fungicide at a rate of 2 3/4 pints per 100 gallons of water per acre unless other directions are given in the tables below. Apply enough diluted spray per acre to provide through coverage of all plants that are intended to be protected from disease, generally ranging from 20 to 150 gallons per acre. Repeat applications at 7 to 14 day intervals until conditions are no longer favorable for disease. During periods when conditions favor severe disease incidence, generally cloudy or wet weather, apply CTL + Ipro Turf and Ornamental Fungicide at 7 day intervals.

Do not apply more than 36.4 lbs. of chlorothalonil active ingredient per acre per year on field-grown ornamentals.

Do not apply more than 24 lbs. of iprodione active ingredient per acre per year on ornamental trees and plants with a maximum of 6 applications.

Broadleaf Shrubs and Trees				
Diseases Controlled Diseases Control			Diseases Controlled	
Almond (non-bearing)	1, 2	Holly	1	
Andromeda (Pieris)	3	Peach (non-bearing)	1, 2	
Azalea	1, 2, 3	Plum (non-bearing)	1, 2	
Cherry (non-bearing)	1, 2	Privet (Ligustrum)	1	
Dogwood	1	Rhododendron	1, 2, 3	
Euonymus	1	Vibernum	4	
Hawthorne	1			
	Flowering ¹ Pla	ints and Bulbs		
	Diseases Controlled		Diseases Controlled	
Arabian Violet	2	Marigold	1	
Carnation	1, 2	Pansy	1	
Chrysanthemum	1, 2	Phlox	1	
Daffodil	1	Poinsettia ²	1	
Geranium	1, 5	Rose ³	1	
Gladiolus	1, 2 1, 5	Statice	1	
Hydrangea (foliage	1, 5	Tulip	1	
only)	4.0	7''.	4 4	
Iris	1, 2	Zinnia	1, 4	
,	Lily 1			
	¹ Avoid application during bloom period on plants where flower injury is unacceptable. ² Discontinue applications prior to bract formation; phytotoxicity is possible on the bracts.			
Use 2 pints of CTL +	pro Turf and Ornamenta	l Fungicide per 100 gallo	ons of water.	
Foliage Plants				
	Diseases Controlled		Diseases Controlled	
Artemesia	1	Pachysandra ⁴	1	
Dieffenbachia	1	Parlor palm	1	
Dracaena	1	Peperomia	1	
Ficus (non-bearing)	1	Philodendron	1, 3	
Lipstick plant	1			
⁴ Use 5 ½ pints of CTL + Ipro Turf and Ornamental Fungicide per 100 gallons of water.				

NOTE: Do not apply this product to Peace Lily or White Anthurium (Spathiphyllum).

Leafspots and Foliar Blights:
 Actinopelte leafspot

Alternaria leafspot or leaf blight Anthracnose (Gnomnia, Glomerella, Colletotrichum, Driscula) blights

Black spot (Diplocarpon)

Botrytis blights

Cephalosporium leafspot Cercospora leafspot Shothole (Stigmina)

Corynespora stem & leafspot

Curvularia leafspot Dactylaria leafspot Didymellina leafspot

Drechslera (Bipolaris) leafspots, inkspot Fabraea (Entomosporium) leafspot Fusarium (Gibberella) leafspot Gloeosporium black leafspot

Helminthosporium leaf spot (Helminthsporium *spp.*)

Marssonina leafspot

Monilinia blossom blight, twig blight

Mycosphaerella ray blight Myrothecium leafspot, brown rot

Phyllosticta leafspot Ramularia leafspot Rhizoctonia web blight Scab (Venturia)

Septoria leafspot Sphaeropsis leafspot Stagonospora leaf scorch Tan leafsot (Curvularia) Volutella leaf blight

2. Flower Spots and Blights:	
Botrytis flower spot, flower blight	Ovulinia flower blight
Curvularia flower spot	Rhizopus blossom blight
Monilinia blossom blight	Sclerotinia flower blight

3. Phytophthora leaf blight, dieback

4. Powder mildews:	
Erysiphe cichoracearum	Microsphaera spp.
Sphaerotheca fuliginea	

5. Rusts:	
Gymnosporangium spp.	Puccinia spp.
Pucciniastrum hydrangea	

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross-contamination with other pesticides, fertilizers, food, and feed.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling:

Containers < 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) 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. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Containers ≥ 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Recap and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the 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 the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer

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

Bulk Containers: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. When the container is empty, replace the cap and seal all openings that have been opened during use; and return to the point of purchase, or to a designated location named at the time of purchase of this product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transporting. Do not transport if this container is damaged or leaking. If the container is damaged or leaking, call CHEMTREC at (800) 424-9300. If the container is damaged and leaking or material has been spilled, follow these procedures:

- Cover spill with absorbent material.
- Sweep into disposal container.
- Wash area with detergent and water and follow with clean water rinse.
- Do not allow to contaminate water supplies.
- Dispose of according to instructions.

If not returned to the point of purchase or to a designated location, clean empty container as instructed above and offer for recycling. Disposal of this container must be in compliance with state and local regulations.

WARRANTY AND LIMITATION OF DAMAGES

CONDITIONS OF SALE: To the extent consistent with applicable law, Sipcam Agro USA, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Sipcam Agro USA, Inc. SIPCAM AGRO USA, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. To the extent consistent with applicable law, SIPCAM AGRO USA, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SIPCAM AGRO USA, INC.'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. SIPCAM AGRO USA, INC. DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.

Chlorothalonil + Iprodione (EPA Reg. No. 60063-55) (EPA Approved 06-08-2015) (Notif to EPA 07-20-2015)