



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 30, 2020

Shannon Cooley
Control Solutions, Inc.
5903 Genoa Red Bluff
Pasadena, Texas 77507

Subject: Notification per PRN 98-10 - Optional State Language for Florida
Product Name: CSI 18-288 Prodiamine + Oxadiazon with Fertilizer
EPA Registration Number: 53883-461
Application Date: August 27th, 2020
Decision Number: 566401

Dear Ms. Cooley:

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.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you have any questions, please contact Christopher M. Taylor at 703-347-8857 or by email at taylor.christopher.m@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis", enclosed in a large, hand-drawn oval.

Kable Bo Davis
Acting Senior Advisor
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

CSI 18-288 Prodiamine + Oxadiazon with Fertilizer

For sale to and use by professional applicators only.

CSI 18-288 Prodiamine + Oxadiazon with Fertilizer is a selective pre-emergence herbicide for control of crabgrass, goosegrass, annual bluegrass and crowfoot on turf and golf courses, on established bermudagrass, zoysiagrass, St. Augustine grass, ryegrass, centipede grass, bentgrass, bluegrass, tall fescue grasses, and a wide variety of woody ornamental shrubs, trees, and vines.

CSI 18-288 Prodiamine + Oxadiazon with Fertilizer also controls many annual broadleaf weeds, including spotted spurge, knotweed, chickweed, yellow woodsorrell and clovers.

Active Ingredients:

Oxadiazon: 2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-delta ² -1,3,4-oxadiazolin-5-one.....	1.0%
Prodiamine: (N ³ ,N ³ - Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine.....	0.2%
Other Ingredients	98.8%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

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 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.
If in eyes:	<ul style="list-style-type: none"> • 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 eye. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor or when going for treatment. For information on this product, contact the National Pesticide Information Center, 1-800-858-7378, Monday-Friday, 8:00 AM – 12:00 PM PST. You may also contact Safety Call at (866) 897-8050----- for emergency medical treatment information. <i>{Note to reviewer: The service provider and phone number may vary on the market label.}</i></p>	

EPA Reg No. 53883-461

EPA Est. No. XXXXX-XX-XXX

Net Contents:

NOTIFICATION

53883-461

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:

11/30/2020

Manufactured by:
Control Solutions, Inc.
5903 Genoa Red Bluff
Pasadena, TX 77507

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC
ANIMALS**

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT
(PPE)**

Some materials that are chemical-resistant to this product are made of any waterproof material.

Loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks, and
- Gloves

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

User Safety Recommendations:

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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 fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters or rinsate. Apply only as specified on this label.

PRODUCT INFORMATION

CSI 18-288 Prodiamine + Oxadiazon with Fertilizer is a selective, pre-emergent herbicide for control of annual grasses and broadleaf weeds in established bermudagrass, bluegrass, tall fescue grasses, and on a wide variety of woody ornament shrubs, vines, and trees. It is especially effective on crabgrass (*Digitaria* spp.), goosegrass (*Eleusine indica*), annual bluegrass (*Poa annua*) and crowfoot (*Dactyloctenium aegyptium*). Many broadleaf annual weeds such as spotted spurge (*Euphorbia maculata*), knotweed (*Polygonum* spp.), chickweed (*Stellaria media*), yellow woodsorrell (*Oxalis*), and white clover (*Malba medic*) are controlled pre-emerge from seed. **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** controls the weeds by killing the young weed seedlings as they come in contact with the herbicide during germination.

[Ureaform is the fertilizer carrier of the herbicides in **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer**. Ureaform is a slow-release, non-burning, non-leaching, odorless, pathogen-free source of nitrogen. Applied at 200 lbs. per acre, it provides the majority or total quantity of nitrogen required by bermudagrass or bluegrass during the entire growing season.] *{For use only when Ureaform is present in the formulation.}*

For best results, water-in the product as soon as practical after application.

USE RESTRICTIONS:

- **Not for sale to or use by homeowners/consumers.**
- **Not for use on home lawns**
- **Do not apply more than 600 pounds of product per acre per year (equivalent to 6 pounds ai/A/year) except in areas of heavy weed infestation.**
- **In areas of heavy weed infestation, do not apply more than 750 pounds of product per year (equivalent to 7.5 pounds ai/A/year).**
- **Do not apply more than 400 pounds of product per acre (equivalent to 4 pounds ai/A in a single application).**
- **Do not graze or feed livestock forage cut from areas treated with CSI 18-288 Prodiamine + Oxadiazon with Fertilizer.**
- **Do not apply this product through any type of irrigation system.**
- **Do not apply by aerial application.**

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 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, 40CFR 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), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry into treated areas that is permitted under Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water is:

- Coveralls,
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material
- Protective eyewear

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.

Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

TURF

Apply **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** at 200 lbs. product per acre for weed control (4 1/2 lbs. per 1000 sq. ft.). Apply in early spring before weed seed germination.

Apply to dry foliage with a properly calibrated granular applicator at the specified rate prior to weed seed germination. Complete aerifying, verticutting and raking before applying **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer**, so that the protective chemical barrier is not disrupted.

Use only on established turfgrasses. Germination of overseeded grasses may be reduced by as much as 50% more or less, if seeded within 6 months of an application. For newly seeded bermudagrass, ryegrass, and bluegrasses, delay application until after second mowing. Use on newly sprigged or vegetative planted bermudagrass and bluegrass after stolons have rooted.

APPROXIMATE SPREADER SETTINGS

(For applying **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** in one pass over turf)

Listed below are approximate spreader settings. These should serve only as initial starting points for calibration because all spreaders will vary in their operation depending on the age, condition, particular model and speed of operation. Always calibrate your own spreader according to the manufacturer's instructions.

Rate: 200 lbs. per acre, or 4 1/2 lbs. per 1000 sq. ft.

SPREADER TYPE	WIDTH	SETTING
Cyclone:		
Model B-1-80	6.5' spread	4.0
Gandy:		
Turf Tender Speed 4 mph	(24 & 42 inch)	3.8
Scott:		
Model 100	36" spread	5 ¾
Model R8 Cone	12' spread	K ½
Model R7X	12' spread	N
Lely	Roman Numeral II, speed 4.5	5 1/4
Vicon	Speed 3.5 mph	35

Walking speeds should be adjusted to generate indicated spread widths. Slower speeds result in smaller spreads.

WOODY ORNAMENTAL SHRUBS, VINES AND TREES

Apply **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** to established plants any time during the year, prior to weed seed germination. **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** can be applied to both newly transplanted and established ornamentals. Delay application to new transplants until soil has settled around plant. Application can be made to actively growing or dominant ornamentals. Cultivating or disturbing the soil may reduce the weed control of **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer**

Use Restrictions

- **DO NOT** apply to wet foliage or under conditions in which granules will collect on leaves.
- **DO NOT** apply in greenhouses.

CSI 18-288 Prodiamine + Oxadiazon with Fertilizer should be applied at 200 lbs. of product/acre or 4 ½ lbs./1000 sq. ft. prior to susceptible weed seed germination, with a suitable spreader which will assure accurate, even particle distribution. Do not apply herbicide granules to wet foliage as phytotoxicity can result. Applications should be made to weed free surfaces. Susceptible weeds are listed on this label under the " Information" section. **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** has shown excellent results when used on the following:

Container and/or Field Grown Ornamentals

Scientific Name

Acacia spp.
Acer palmatum
Barberis gladwynesis
Betula papyrifera
Buxus microphylla
Callistemon viminalis
Camellia japonica
Chamaecyparis
pisifera
Comus florida
Cortaderia selloana
Cotoneaster spp.
Cupressus spp.
 **Euonymus fortunei*
Forsythia intennedia
Gardenia jasminoides

 **Illex* spp.
Jasminium nudiflorum
Juniperus chinensis
Ligunstrum amurense
Lonicera japonica

Magnolia spp.
Nerium spp.
Pachysandra
terminalis
Photinia fraseri

Picea abies
Pieris japonica

Pinus spp.
Pittosporum
rhombifolium
P. tobira
Prunus laurocerasus
Pyracantha coccinea
Querus spp.
Raphiolepis indica
 **Rhododendron* spp.
 (including azalea)

Santolina virens
Taxux cuspidate
T. media
Thuja Occidentalis
Viburnum japonica
Vinca major
Vinca minor
Weigela florida

Xylosma congestum

Common Name

Acacia
 Japanese Maple
 Barberry
 Birch, Paper
 Japanese Boxwood
 Weeping Bottlebrush
 Camellia, Common, Japanese
 False Cypress

 Flowering Dogwood
 Pampas Grass
 Cotoneaster
 Cypress
 Wintercreeper
 Border Forsythia
 Gardenia, Cape
 Jasmine
 Holly
 Winter Jasmine
 Chinese Juniper
 Amur Privet
 Japanese
 Honeysuckle
 Magnolia species
 Oleander
 Pachysandra

 Frasier's Photinia
 (Redtip)
 Norway Spruce
 Lily-of-the-Valley
 Shrub
 Pine
 Queensland
 Pittosporum
 Japanes Pittosporum
 English Laurel
 Firethorn, Scarlet
 Oak Species
 Indian Hawthorne
 'Coral Bells'
 'Formosa'
 'Hino-crimson'
 'PMJ'
 'Roseum Elegans'
 Green Santolina
 Japanese Yew
 Yew
 American Arborvitae
 Japanese Virburnum
 Vinca
 Dwarf Periwinkle
 Old Fashioned
 Weigela
 Xylosma

*Certain cultivars of these species may be sensitive to this herbicide. Growers should evaluate usage on a small scale prior to large scale application if not know.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Store in a cool place. Protect from excessive heat

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk 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 Control Solutions, Inc. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc election, the replacement of product.

Optional State Language:

In Florida, for application to golf courses, parks or athletic fields, follow application rates as recommended in the documents entitled (a) University of Florida, Institute of Food and Agricultural Sciences SL191 "Recommendations for N, P, K and Mg for Golf Course and Athletic Field Fertilization Based on Mehlich III Extractant", revision: October 2013; copies of which may be obtained from the Soil and Water Science Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, FL 32611
Use in accordance with the recommendations in "Best Management Practices for the Enhancement of Environmental Quality on Florida Golf Courses", published by the Florida Department of Environmental Protection, dated September 2012, which is hereby adopted and incorporated by reference into this rule. Copies may be obtained from Florida Department of Environmental Protection, 2600 Blair Stone Road, Mail Station #3570, Tallahassee, FL 32399-2400
Do not exceed rates recommended in the document entitled "Florida Friendly Best Management Practices for Protection of Water Resources by the Green Industries", published by the Florida Department of Environmental Protection, Revised December 2008, 2nd Printing 2010, which is hereby adopted and incorporated by reference into this rule. Copies may be obtained from Florida Department of Environmental Protection, 2600 Blair Stone Road, Mail Station #3570, Tallahassee, FL 32399-2400