
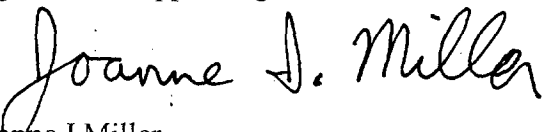


48234-15

09/16/2008

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE:  <input type="checkbox"/> Registration  <input checked="" type="checkbox"/> Reregistration          (under FIFRA, as amended)</p>	EPA Reg. Number: 48234-15	Date of Issuance:  SEP 16 2008
	Term of Issuance:	Name of Pesticide Product: Regalstar II
Name and Address of Registrant (include ZIP Code):  Regal Chemical Company P.O. Box 900 Alpharetta, GA 30239		
<p>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.</p>		
<p>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.</p> <p>This product is reregistered in accordance with FIFRA provided that you:</p> <ol style="list-style-type: none"> <li>1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.</li> <li>2) To the label add the Company Name and address.</li> <li>3) The English and Spanish signal words currently on the label "WARNING" and "AVISO" revised to read "CAUTION."</li> </ol>		
Signature of Approving Official:   Joanne I Miller Product Manager 23 Herbicide Branch Registration Division (7505P)	Date:  SEP 16 2008	

4) The First Aid statements should be placed on the label in the following order:

“IF ON SKIN OR CLOTHING:…  
IF IN EYES:…  
IF SWALLOWED:…  
IF INHALED:…”

5) The Hazards to Humans and Domestic Animals must be revised to read:

“CAUTION  
Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. “

6) The PPE section must be revised to read:

“Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Loaders, applicators and other handlers must wear:  
Long-sleeved shirt and long pants,  
Shoes plus socks, and  
Chemical-resistant gloves.”

7) The text in **bold type** below must be added to the following User Safety Requirements:

“...If no such instructions for washables **exist**, use detergent and hot water...”

8) The text in bold type must be added to the User Safety Recommendation text currently on the label:

“User should remove clothing/**PPE** immediately if pesticide gets inside.”

9) A Non-Agricultural Use Requirements box must be added to label with the following entry restriction text:

**"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."

- 10) To the Storage and Disposal section change "Storage" to "Pesticide Storage".
- 11) Move the Precautionary Statements Warning Hazards to Humans and Domestic Animals section, PPE section, Environmental Hazards section, and User Safety Recommendations section in front of the General Information section.
- 12) To the Environmental Hazards add "or rinseate" after "washwaters".
- 13) To the Warranty section add "to the extent consistent with applicable law" in front of "seller makes no" and "in no event shall."

Submit one copy of the revised final printed label for the record. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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. If you have any questions please call Erik Kraft at 703-308-9358 or email at [Kraft.Erik@epa.gov](mailto:Kraft.Erik@epa.gov).

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# REGALSTAR II

For sale to and use by professional applicators only. Not for sale to or use by homeowners/consumers..

RegalStar II is a selective pre-emergence herbicide for control of crabgrass, goosegrass, annual bluegrass and crowfoot on turf and golf courses, of 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. RegalStar II also controls many annual broadleaf weeds, including spotted spurge, knotweed, chickweed, yellow woodsorrell and clovers.

### GUARANTEED FERTILIZER ANALYSIS

38% Total Nitrogen(N)  
27% Water-Insoluble Nitrogen Derived from Ureaform  
11% Water-Soluble Nitrogen Derived from Ureaform

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
**SEP 16 2008**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

48234-15

### Active Ingredients:

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

### KEEP OUT OF REACH OF CHILDREN WARNING AVISO

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	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</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>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	

EPA REG. NO. 48234-15

EPA EST. NO. 48234-GA-1

### GENERAL INFORMATION

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

#### Restrictions:

- Not for use on home lawns
- Do not graze or feed livestock forage cut from areas treated with RegalStar II.
- Do not apply this product through any type of irrigation system.
- Do not apply aerially.
- 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.

### 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

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## TURF

Apply RegalStar II at 200 lbs. product per acre for weed control (4 ½ 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 recommended rate prior to weed seed germination. Complete aerifying, verticutting and raking before applying RegalStar II, so that the protective chemical barrier is not disrupted.

Use only on recommended 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 RegalStar II 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 recommendations.

Rate: 200 lbs. per acre, or 4 ½ lbs. per 1000 sq. ft.

<u>SPREADER TYPE</u>	<u>WIDTH</u>	<u>SETTING</u>
Regal I Spreader	10'-12' spread	6 ¾
Cyclone:		
Model B-1-80	6.5' spread	4.0
Gandy:		
Turf Tender	(24&42 inch)	3.8
Speed 4 mph		
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 ¼
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 RegalStar II to established plants any time during the year, prior to weed seed germination. RegalStar II 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 dormant ornamentals. Cultivating or disturbing the soil may reduce the weed control of RegalStar II. DO NOT apply to wet foliage or under conditions in which granules will collect on leaves. DO NOT apply in greenhouses.

RegalStar II 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 "General Information" section. RegalStar II herbicide has shown excellent results when used on the following:

### Container and/or Field Grown Ornamentals

<u>Scientific Name</u>	<u>Common Name</u>
Acacia spp.	Acacia
Acer palmatum	Japanese Maple
Barberis gladwynesis	Barberry
Betula papyrifera	Birch, Paper
Buxus microphylla	Japanese Boxwood
Callistemon viminalis	Weeping Bottlebrush
Camellia japonica	Camellia, Common, Japanese
Chamaecyparis pisifera	False Cypress
Cornus florida	Flowering Dogwood
Cortaderia selloana	Pampas Grass
Cotoneaster spp.	Cotoneaster
Cupressus spp.	Cypress
*Euonymus fortunei	Wintercreeper
Forsythia intermedia	Border Forsythia
Gardenia jasminoides	Gardenia, Cape-Jasmine
*Ilex spp.	Holly
Jasminium nudiflorum	Winter Jasmine
Juniperus chinensis	Chinese Juniper
Ligustrum amurense	Amur Privet
Lonicera japonica	Japanese Honeysuckle
Magnolia spp.	Magnolia species
Nerium spp.	Oleander
Pachysandra terminalis	Pachysandra
Photinia fraseri	Frasier's Photinia (Redtip)
Picea abies	Norway Spruce
Pieris japonica	Lily-of-the-Valley Shrub
Pinus spp.	Pine
Pittosporum rhombifolium	Queensland Pittosporum
P. tobira	Japanes Pittosporum
Prunus laurocerasus	English Laurel
Pyracantha coccinea	Firethorn, Scarlet
Querus spp.	Oak species
Raphiolepis indica	Indian Hawthorne
*Rhododendron spp.	'Coral Bells'
(including azalea)	'Formosa'
	'Hino-crimson'
	'PJM'
	'Roseum Elegans'
Santolina virens	
Taxux cuspidata	Japanese Yew
T. media	Yew
Thuja Occidentalis	American Arborvitae
Viburnum japonica	Japanese Viburnum
Vinca major	Vinca
Vinca minor	Dwarf Periwinkle
Weigela florida	Old Fashioned Weigela
Xylosma congestum	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.

### 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 high water mark. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters. Apply only as specified on this label.

#### STORAGE AND DISPOSAL

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

**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:** Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill, or at an incineration facility, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### PRECAUTIONARY STATEMENTS

##### WARNING

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

##### KEEP OUT OF REACH OF CHILDREN

Causes eye and skin irritation. Avoid contamination of feed and food stuffs. Keep opened containers away from children and animals. Harmful if swallowed, or absorbed through skin or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequent repeated skin contact while handling the material may cause allergic reactions in some individuals.

##### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants, and
- Shoes plus socks
- Protective eyewear

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.

#### 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.



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### WARRANTY AND LIMITATIONS

It is impossible to eliminate all risks inherently associated with the use of this product. Plant 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 Regal or seller. All such risks shall be assumed by buyer or user. Seller warrants that this material conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use and buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty of fitness or of merchantability, and no agent of seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.