



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. William E. King
Vice President
Regal Chemical Company
P.O. Box 900
Alpharetta, GA 30009

FEB 24 2004

Dear Mr. King:

Subject: Regal O-O Herbicide®
EPA Registration No. 48234-10 ✓
Application and Your Letter Dated February 9, 2004,
Request to Amend Registration by Revising "First Aid
Statements" To Comply with EPA PR Notice 2001-1 and
the Precautions and Limitation Section

The proposed amendments to the subject registration reflected on the submitted labeling have been reviewed and found acceptable under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended, provided that you:

1. Correct the typographic error by deleting repeat of the heading "Container &/or Field Grown (General)" and the following drawn line in the listing of ornamental for which you claim as use sites.
2. Rename the heading of grasses that you claim to be controlled, i.e., the heading "Grassy Weeds" to "Weed Grasses".
3. Under "Notice To User" section delete the statement that reads: "Before using O-O Herbicide in tank mixture with other products, test the mixture on a small number of plants for phytotoxicity prior to widespread use." This is a generic claim for use in tank mixtures with other pesticide products. Alternatively, you may add instructions on testing compatibility of potential tank mix partners with this product prior to tank mixing.
4. As Regal Crown® does not appear in the text of the proposed labeling, delete the statement that reads: "Regal Crown® is a registered trademark of Regal Chemical Company".

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5. Submit one copy of the final printed labeling prior to shipping under the revised labeling.

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 this product under the revised labeling constitutes acceptance of these conditions. A stamped copy of the accepted labeling is enclosed for your records.

Sincerely yours,

JSI

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosures

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Regal 0-0 Herbicide®

For preemergent control of weeds in commercial nursery and ornamental landscapes. Especially suited for use in container, field grown and landscape ornamentals, and foliage crops.

ACTIVE INGREDIENTS:

Oxyfluorfen: 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-
4-(trifluoromethyl) benzene 2.0%

Oxadiazon: 2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-
delta²-1,3,4-oxadiazolin-5-one 1.0%

INERT INGREDIENTS: 97.0%

TOTAL 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION 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

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- If on skin or clothing:** - Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 -20 minutes.
- Call poison control center or doctor for treatment advice.
- 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.
- Call poison control center or doctor for further advice.
- If inhaled:** - Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible.
- Call a poison control center or doctor for further advice.
- If swallowed:** - 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 do so by a poison control center or a doctor.
- Do not give anything by mouth to an unconscious person.
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HOT LINE NUMBER

Have the container or label with you when calling poison control center or doctor, or going for treatment. You may also contact 1-800-621-5208 for emergency medical treatment information.

EPA REG. NO. 48234-10

EPA EST. NO. 48234-GA-1

Regal Chemical Company // Alpharetta Georgia



Regal 0-0 Herbicide®

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instruction 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:

User 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.

GENERAL INFORMATION

Regal O-O Herbicide® is a unique combination of active ingredients for a dry granule application giving the user a broader spectrum of weed control and ornamental plant tolerance. Regal O-O Herbicide is not registered for use on any edible food crops. It has demonstrated effective utility on many ornamental plants as a preemergent herbicide, but if its use is not known on any given species - test applications under user conditions are recommended to demonstrate plant safety.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read 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), and restricted-entry interval. The requirements in this box only 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 restricted entry interval (REI) of 24 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
- Waterproof Gloves
- Shoes plus socks

For use on container and field grown ornamentals. Regal O-O Herbicide has been thoroughly researched, however, testing has not been conducted on all species or cultivars, or under all growing conditions. In some instances efficacy may vary.

This herbicide is a preemergent product, so it should be applied at recommended rate, prior to susceptible weed seed germination, with a suitable spreader which will assure accurate even particle distribution. Do not disturb soil surface once the product has been applied, as uniform placement is disrupted and herbicide effectiveness is thereby reduced. Applications should be made to weed free surfaces. Do not apply herbicide granules to wet foliage as phytotoxicity can result. For best results, rainfall or irrigation (approximately 1/2 inch) to water in the herbicide and to wash granules off the plant foliage is recommended.

Apply 2.3 lbs of product per 1000 sq. ft., or 100 lbs per acre. For continued weed control, repeat applications are recommended at 3-4 month intervals.

Regal O-O Herbicide has shown excellent results when used on the following:

Container &/or Field Grown (General)

Abelia	*Euonymus	Pittosporum
Acacia	Forsythia	*Potentilla
Acer	Gardenia	Prunus

Container &/or Field Grown (General)

Araucaria	Hydrangea	Pyracantha
*Azalea (Rhododendron)	Hypancum	Quercus
Berberis	*Ilex	Rhaphiolepis
Betula	Jasminum	*Rhododendron

Buxus	Juniperus	Santolina
Callistemon	Ligustrum	Schefflera
Camelia	Lonocera	Spraea
Cercis	Magnolia	Syringa
Chamaecyparis	Mahonia	Taxus
Chamaedorea	Nerium	Thuja
Cornus	Pachysandra	Viburnum
Cotoneaster	Photinia	Wegelia
Cupressus	Picea	Xylosma
Cytisus	Pieris	
Escallonia	Pinus	

*Certain species of these genera may be sensitive to this herbicide. Use test plots to determine sensitive cultivars, if not known.

Pre-emergence control of the following weeds has been demonstrated when using Regal O-O Herbicide at recommended rate, timing and proper techniques and conditions. Many other weed species may also be controlled.

Grassy Weeds

Annual bluegrass	(Poa annua)
Barnyardgrass	(Echinochloa crusgali)
Crabgrass	(Digitaria sanguinalis)
Goosegrass	(Eleusine indica)
Sprangletop	(Leptochloa unineria)

Broadleaf Weeds

Bittercress	(Cardamine pensylvanica)
Common Chickweed	(Stellaria media)
Cudweed	(Gnaphalium obtusifolium)
Dandelion	(Taraxacum officinale)
Fireweed	(Epilobium angustifolium)
Fleabane	(Erigeron strigosus)
Groundsel	(Senecio vulgaris)
Horseweed	(Conyza canadensis)
Oxalis	(Oxalis stricta)
Pearlwort	(Sagina procumbens)
Pepperweed	(Lepidium virginicum)
Pigweed	(Amaranthus retroflexus)
Shepherdspurse	(capsella burse-pastoris)
Sowthistle	(Sonchus oleraceus)
Spurge, Garden	(Euphorbia hirta)
Spurge, Prostrate	(Euphorbia humistrata)
Spurge, Spotted	(Euphorbia maculata)

PRECAUTIONS AND LIMITATIONS

Do Not apply to wet or moist foliage.

Do Not apply to plant types whose leaves funnel the herbicide granules to the leaf base, for removal of granules is difficult and can result in foliage injury.

Do Not apply in wind conditions that will affect product distribution. Uneven distribution will result in erratic weed control.

Do Not apply over plants that are producing flush new growth. Tender, new leaves are especially sensitive and injury may result.

Do Not use on any varieties or cultivars unless user is familiar with the results on specific plant materials under his growing conditions.

NOTICE TO USER: Plant tolerance to O-O Herbicide has been found to be acceptable on all ornamentals that it has been tested on. Due to the large number of species and varieties of ornamental and nursery plants, it is impossible to test every one for tolerance to O-O Herbicide. Neither the manufacturer nor the seller has determined whether or not O-O Herbicide can be used safely on ornamental plants not specified on this label. The professional user should determine if O-O Herbicide can be used safely prior to commercial use. In a small area test the recommended rates on a small number of plants for phytotoxicity prior to widespread use. Before using O-O Herbicide in tank mixture with other products, test the mixture on a small number of plants for phytotoxicity prior to widespread use.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Use with care where applying near any body of water. Apply this product only as specified on the label. Do not contaminate water by cleaning of equipment or disposal of wastes.

STORAGE AND DISPOSAL

STORE in a clean, dry place. Do not contaminate water, fertilizer, other pesticides, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide is a violation of Federal Law. Wastes of Regal O-O Herbicide should be disposed of by use according to label instructions. If needed, contact local Environmental Control Agency, or Hazardous Waste representatives for recommendations.

CONTAINER DISPOSAL: Completely empty bag contents into application equipment. Dispose of empty bag in a sanitary landfill or by incineration, or, if permitted by local and state authorities, by burning. If burned, stay out of smoke.

NOTICE OF WARRANTY

NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS, OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. The exclusive remedy of the user or Buyer, and the limit of liability of Regal Chemical Company or any other Seller, for any and all losses, injuries or damages resulting from the use of handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of Regal Chemical Company.

Regal Crown® is a registered trademark of Regal Chemical Company.



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ACCEPTED
with COMMENTS
in EPA Letter Dated
FEB 24 2004

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

48234-10