

31123 1823-10
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (H7505C)
 401 "M" St., S.W.
 Washington, D.C. 20460

EPA Reg. Number:
 48234-10

Date of Issuance:
 MAR 28 1985

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
 Conditional

Name of Pesticide Product:
 Regal O-O Herbicide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Regal Chemical Company
 P.O. Box 900
 Alpharetta, GA 30239

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.

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No.48234-10".
 - b. In the ingredient statement, the term "ACTIVE INGREDIENT" and "INERT INGREDIENTS" should be aligned to the same margin.

Signature of Approving Official:

Date:

MAR 29 1985

EPA Form 8570-6

CONCURRENCES

SYMBOL	7505C						
SURNAME	Wolfe						
DATE	4/27/85						

1985

- c. On the front panel, after the Statement of Practical Treatment, add the following "child hazard warning" statement: "Keep Out of Reach of Children".
- d. Under the Statement of Practical Treatment, in the "If on skin" statement, add the following sentence: "Get medical attention."
- e. On the front panel add a referral statement indicating where precautionary labeling appears on other than front panel.
- f. Under the section on Personal Protective Equipment, replace the word "coveralls" with the statement, "long-sleeved shirt and long pants".
- g. Under the Environmental Hazards section, in the second sentence, add the following after the last word (water) in the sentence, "...or to areas where surface water is present or to intertidal areas below the mean high water mark."
- h. Under the Storage and Disposal statement, in the Container Disposal section, the second sentence should read as follows: "dispose of empty bag in a sanitary landfill, or by incineration, or, if permitted by local and state authorities, by burning."
3. 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.

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



REGAL O-O HERBICIDE

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

ACTIVE INGREDIENT:

Oxyfluorfen	2.0%
Oxadiazon.....	1.0%
INERT INGREDIENTS:	<u>97.0%</u>
TOTAL	100.0%

STATEMENT OF PRACTICAL TREATMENT

CAUTION

If in eyes: Flush with plenty of water; get medical attention
If on skin: Wash with plenty of soap and water

NET WEIGHT: 50 Pounds

EPA Reg. No. 48234-
EPA Est. No. 48234-GA-1

REGAL CHEMICAL COMPANY
P. O. BOX 900
ALPHARETTA, GA 30239

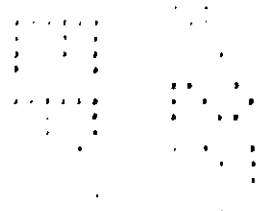
DRAFT LABEL

9/21/93

ACCEPTED
with COMMENTS
In EPA Letter Dated

8 . . .

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
48234-10



4/28/9



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 pre-emergent herbicide, but if its use is not known on any given species - test applications under user conditions are recommended to demonstrate plant safety.



507

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 12 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 pre-emergent 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/acre. For continued weed control, repeat applications are recommended at 3-4 month intervals.



(27)

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

Container &/or Field Grown (Genera)

Abelia	Lonicera
Acacia	Magnolia
Acer	Mahonia
Araucaria	Nerium
*Azalea (Rhododendron)	Pachysandra
Berberis	Philodendron
Betula	Photinia
Buxus	Picea
Callistemon	Pieris
Camellia	Pinus
Cercis	Pittosporum
Chamaecyparis	*Potentilla
Chamaedorea	Prunus
Cornus	Pyracantha
Cortaderia	Quercus
Cotoneaster	Raphiolepis
Cupressus	*Rhododendron
Cytisus	Santolina
Escallonia	Schefflera
*Euonymus	Spiraea
Forsythia	Syringa
Gardenia	Taxus
Hydrangea	Thuja
Hypericum	Viburnum
*Ilex	Vinca
Jasminum	Weigela
Juniperus	Xylosma
Ligustrum	

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



7/27/77

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	(<u>Poa annua</u>)
Barnyardgrass	(<u>Echinochloa crusgalli</u>)
Crabgrass	(<u>Digitaria sanguinalis</u>)
Goosegrass	(<u>Elucine indica</u>)
Sprangletop	(<u>Leptochloa uninervia</u>)

Broadleaf Weeds:

Bittercress	(<u>Cardamine pensylvanica</u>)
Common Chickweed	(<u>Stellaria media</u>)
Cudweed	(<u>Gnaphalium obtusifolium</u>)
Dandelion	(<u>Taraxacum officinale</u>)
Fireweed	(<u>Epilobium angustifolium</u>)
Fleabane	(<u>Erigeron strigosus</u>)
Groundsel	(<u>Senecio vulgaris</u>)
Marestail	(<u>Gonysa canadensis</u>)
Oxalis	(<u>Oxalis stricta</u>)
Pearlwort	(<u>Sagina procumbens</u>)
Pepperweed	(<u>Lepidium virginicum</u>)
Pigweed	(<u>Amaranthus retroflexus</u>)
Shepherdspurse	(<u>Capsella bursa-pastoris</u>)
Sowthistle	(<u>Sonchus arvensis</u>)
Spurge, Garden	(<u>Euphorbia hirta</u>)
Spurge, Prostrate	(<u>Euphorbia supina</u>)
Spurge, Spotted	(<u>Euphorbia maculata</u>)

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.



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:

- Coveralls
- 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

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.

Environmental Hazards:

This pesticide is toxic to fish and wildlife. Do not apply directly to water. 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 pesticides is a violation of federal law. Wastes of Regal O-O herbicide should be disposed 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 if permitted by local and state authorities. 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 or 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.