



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 27 1994

Robert F. Bischoff
DOWELANCO
Quad IV, 9002 Purdue Road
Indianapolis, IN 46268

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 07/08/93 in Response to PR Notice 93-7
EPA Reg. No. 62719-134
RUBIGAN E.C.

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy-Cause ink on paper that
contains at least 50% recycled fiber

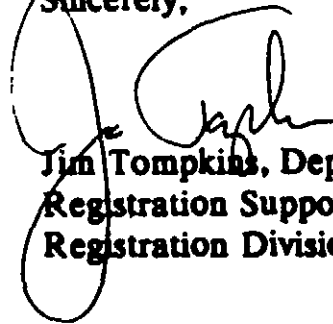
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

8/17/93

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30F9

WPS Labeling

(Editor's Note: Deleted text indicated by strike-through and added text underlined)
EPA copy dated: 07/15/88

(Label, 1 pt Rubigan EC, spec):

(logo) **DowElanco**

**Rubigan* E. C.
Ornamental Fungicide**

A locally systemic fungicide for the prevention or therapeutic control of powdery mildew in commercially grown, field or greenhouse roses and field or container grown ornamentals

Active Ingredient:

fenarimol: a-(2-chlorophenyl)-a-(4-chlorophenyl)-5-pyrimidinemethanol..... 12.0%

Inert Ingredients..... 88.0%

Contains 1 pound active ingredient per gallon.

Contains petroleum distillate.

Keep Out of Reach of Children

WARNING

AVISO:

Precaucion al usuario: Si usted no lee inglés, no use este producto hasta que la etiqueta haya sido explicada ampliamente.

Refer to back panel of container for precautionary information and First Aid.

Notice: Read the entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" in the enclosed label booklet.

In case of an emergency endangering life or property involving this product, call collect 517-636-4400.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-134

AGH MM XI
EPA Est. 5905-GA-01; 484-MI-1; 52379-MI-002
Superscripts correspond to first letters of lot number.
900-000767

20144

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DowElanco • Indianapolis, IN 46268, U.S.A.

Specialty Fungicide

Net Contents 1 pt

ACCEPTED
with COMMENTS
in EPA Letter Dated

JAN 27 1994

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

62719-134

BEST AVAILABLE COPY

(Datapack, Rubigan E.C. spec):
(Cover and base label):

Precautionary Statements

Hazards to Humans and Domestic Animals

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.)

Precaucion al usuario: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

Causes Substantial But Temporary Eye Injury • Causes Skin Irritation • Harmful If Swallowed, Inhaled Or Absorbed Through The Skin

Do not get in eyes, on skin or on clothing. Avoid breathing vapor or spray mist. Wear goggles, face shield or safety glasses, and protective clothing such as coveralls, a long-sleeved shirt, and impermeable gloves (i.e., butyl rubber) when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected workers. See attached label booklet for additional farm worker safety requirements under the heading "Note to User - Reentry".

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selections chart.

Applicators and other handlers must wear:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves such as Barrier Laminate or Viton
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading

Discard clothing and other absorbent 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.

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.

First Aid

If in eyes: Flush with plenty of water. Call a physician.

If swallowed: Drink promptly large quantities of milk, egg whites, or gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention.

If on skin: Immediately wash with plenty of soap and water. Get medical attention if irritation develops.

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if Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Environmental Hazards

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal area below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply when weather conditions favor runoff or drift from the target area. Do not contaminate water when disposing of equipment washwaters or rinsate.

Refer to attached label booklet for additional precautionary information and Directions for Use including STORAGE AND DISPOSAL.

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900-0C0764

Rubigan* E.C.

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(page 1 through end of datapack):

(logo) DowElanco

**Rubigan* E. C.
Ornamental Fungicide**

A locally systemic fungicide for the prevention or therapeutic control of powdery mildew in commercially grown, field or greenhouse roses and field or container grown ornamentals

Active Ingredient:

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EPA Reg. No. 62719-134

*Trademark of DowElanco

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Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected workers may be in the area during application. For any requirements specific to your State or Tribe consult the agency responsible for pesticide regulation.

Note to User - Reentry

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure.) When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written warnings must include the following information:

WARNING. Area treated with Rubigan E.C. on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of eye contact, immediately flush eyes with plenty of water and get medical attention. In case of skin contact, immediately flush skin with plenty of water. If irritation develops and persists, get medical attention.

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 exemptions 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 over short-sleeved shirt and short pants
- Chemical-resistant gloves such as Barrier Laminate or Viton
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

STORAGE AND DISPOSAL

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

Storage: Avoid freezing. Do not use or store near heat or open flame. Store in original container only. In case of leak or spill, use absorbent materials to contain liquids and dispose as waste.

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

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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General Information

Rubigan E. C. fungicide is a locally systemic fungicide for the prevention or therapeutic control of powdery mildew on roses and field grown ornamentals. Rubigan E.C. is absorbed into the plant foliage and is not easily washed off by rain or overhead irrigation. Used as directed, Rubigan E.C. will not harm the foliage or floral tissue of roses.

General Use Precautions

Apply Rubigan E.C. with ground equipment only.

~~Do not enter treated areas without protective clothing until sprays have dried.~~

Chemigation: Do not apply this product through any type of irrigation system.

Application Directions

Rubigan E.C. should be added to the spray tank during the last half of the filling operation. Continuous agitation during completion of filling and spraying will be necessary to insure a uniform spray mixture. Apply Rubigan E.C. with sufficient pressure and spray volume to insure thorough wetting of all plant surfaces. Special care should be taken to thoroughly wet new terminal growth and plant areas already diseased with powdery mildew. Applications of Rubigan E.C. should begin at the earliest appearance of signs or symptoms of powdery mildew.

Roses

Apply Rubigan E.C. at the recommended application rate and spray interval.

Tank Mixtures

In areas where blackspot occurs, Rubigan E.C. should be tank mixed with an EPA registered, commercially-available fungicide. Use the recommended label rate of the selected tank mix product for blackspot control and the appropriate rate for Rubigan E.C. from the tables on page 5.

Greenhouse Roses

Disease Severity*	Application Rate Rubigan E. C. (Fl Oz/100 Gal)	Spray Interval (Days)
Low	3-5	10-14
Medium	4-6	10-12
High	6-8	7-10

Field Grown Roses

Disease Severity*	Application Rate Rubigan E. C. (Fl Oz/100 Gal)	Spray Interval (Days)
Low	4-5	10-14
Medium	6-8	10-14
High	8-12	7-10

*Low (1-30), Medium (30-60), High (60-100) percent of leaves on individual plants infected with disease organism.

Note: When applied at recommended rates, Rubigan E.C. may cause leaf puckering and other growth effects on the foliage of rose cultivars growing under cool, foggy, or overcast conditions. Plants growing under such conditions develop more slowly and are more sensitive to these growth effects. The rose cultivars "Royalty" and "Visa" have exhibited growth effects under these conditions while the same cultivars growing under sunny conditions have exhibited no such effects.

Field or Container Grown Ornamentals
Apply Rubigan E.C. at the recommended application rate and spray interval.

Ajuga, Begonia, Calendula, Chrysanthemum, Dahlia, Delphinium, Hydrangea, Phlox, Sweet Pea, Verbena, Zinnia

Application Rate* Rubigan E.C. (Fl Oz/100 Gal)	Spray Interval (Days)
3-5	10-14

Crepe Myrtle, Euonymus, Photinia

Application Rate* Rubigan E.C. (Fl Oz/100 Gal)	Spray Interval (Days)
6-10	10-14

*Apply Rubigan E. C. at the recommended low rate and maximum spray interval only when using as a preventative or when leaf infection is less than 10 percent. Use the higher rates and shorter spray intervals when greater than 10 percent leaf infection occurs and environmental conditions encourage disease spread.

Warranty Disclaimer

DowElanco 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 strict accordance with the directions, subject to the inherent risks set forth below. DOWELANCO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of DowElanco or the seller. All such risks shall be assumed by Buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at DowElanco's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

DowElanco shall not be liable for losses or damages resulting from handling or use of this product unless DowElanco is promptly notified of such loss or damage in writing. In no case shall DowElanco be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of DowElanco or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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