



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

407-17 P9 136

file

MAR 22 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Gene R. Currie
IMPERIAL INC.
BOX 98
SHENANDOA, IA 51601

Subject: Label Amendment Submission of 08/19/93 in Response to PR Notice 93-7
EPA Reg. No. 407-287
IMPERIAL SEVIN 50W GARDEN SPRAY

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.

BEST AVAILABLE COPY



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

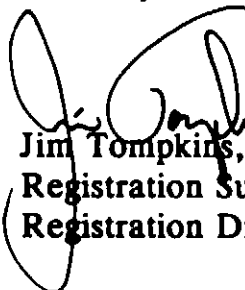
Submit the final printed labeling via the U.S. Postal Service to:

**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

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Gene R. Currie
IMPERIAL INC
BOX 98
SHENANDOAH IA 51601

Comment for: EPA Reg Nr.407-287
IMPERIAL SEVIN 50W GARDEN SPRAY

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

) Remove the statement "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." from its current position within the Agricultural Use Box and place it above the Agricultural Use Box.

) You must retain from your original label any statements about entry restrictions that apply to the non-agricultural uses on your product. Create a Non-Agricultural Use Requirements box in the Directions For Use section of your labeling and add the statements: "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." Then add to the box the statements that are in brackets [] on your original label. Please refer to the instructions for creating a Non-Agricultural Use Requirements box starting on page 45 of Supplement Three to PR Notice 93-7 (Main Labeling Guidance).

Correct the typographical errors circled on your proposed label.

**IMPERIAL
SEVIN R**
brand carbaryl insecticide
50W GARDEN SPRAY
(WETTABLE POWDER CONCENTRATE)

N-Methyl Carbamate

ACTIVE INGREDIENT:

Carbaryl (1-naphthyl N-methylcarbamate) 50%

INERT INGREDIENTS: 50%

Total 100%

R SEVIN is a registered trademark of Rhone-Poulenc
for carbaryl insecticide

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured By
IMPERIAL INC.
Shenandoah, IA 51601

EPA Reg. No. 407-287 D-84
EPA Est. 407-IA-1

NET CONTENTS _____

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

May be harmful if swallowed. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing.

NOTE FOR PHYSICIAN: Carbaryl is a moderate, reversible, Cholinesterase inhibitor. Atropine is antidotal.

ACCEPTED
with COMMENTS
In EPA Letter Dated

Personal Protective Equipment:

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Applicators and other handlers must wear:

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

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

407-287

Follow manufacturers instructions for cleaning or 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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ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic and estuarine invertebrates. For terrestrial uses, 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 contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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 personnel protective equipment (PPE), and restricted-entry interval. The requirements in this box apply only to uses of this product that are covered by the Worker Protection Standard.

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.

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.

STORAGE AND DISPOSAL

STORAGE: Store in original container, in a cool, dry, secure area away from fertilizer, food, or feed. Keep container closed.

PRODUCT DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty container. Wrap container and put in trash.

SEVIN brand carbaryl insecticide 50W is a wettable powder. Measure in level tablespoonfuls. Keep spray mixture well agitated. Do not mix with lime, Bordeaux Mixture or other alkaline materials. Do not mix with oil base sprays.

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VEGETABLES - Mix 2 tablespoonfuls per gallon of water. Apply as a full wetting spray. Apply when insects or their damage appear. Repeat at 7 to 10 day intervals or as necessary unless shorter interval is specified below.

May be used up to day of harvest on the following: **BEANS:** Mexican bean beetle, leafhopper, cucumber beetle, Japanese beetle. **CORN:** corn rootworm adults, European corn borer, fall armyworm, corn earworm. Applications for corn earworms should be started when silks first appear. Repeat at 2 to 3 day intervals for corn earworms or until silks are dry. For corn borer control, apply thoroughly into the whorls when plant is about knee high. Repeat at weekly intervals until control is achieved. **CARROTS:** flea beetles, leafhoppers, harlequin bug. **CUCUMBER, SQUASH, PUMPKINS, MELONS:** pickleworm, melonworm, cucumber beetles, squash bug, flea beetle, leafhoppers. Avoid excessive applications. Some leaf injury may occur if treatments are made when tender foliage is wet or in the presence of prolonged high humidity. **OKRA:** corn earworm, stink bug. **POTATO:** Colorado potato beetle, flea beetle, leafhopper. Apply as a foliage application only. **TOMATO, EGGPLANT, PEPPER:** tomato fruitworm, fall armyworm, tomato hornworm, European corn borer, stink bugs, lace bugs and lygus bugs.

Do not apply within 3 days of harvest on the following: **BEETS, TURNIPS,** (do not apply within 14 days of harvest if tops are to be used as food or feed). Leafhoppers. **BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, KOHLRABI:** flea beetle, harlequin bug, armyworm, cabbage caterpillar and corn earworm. **RADISHES:** flea beetle, leafhopper.

Do not apply within 14 days of harvest on the following: **LETTUCE (LEAF), SPINACH, SWISS CHARD:** armyworm, flea beetle, leafhopper.

LAWN INSECT CONTROL - Use one level cupful in 15 to 20 gallons of water for each 500 square feet of established lawn area for the control of: ants, chinch bugs, earwigs, fall armyworm, fleas, leafhoppers, mosquitoes, sod webworms (Lawn moths), millipedes. Use garden hose sprayer or pressure type equipment and apply full water volume to insure good penetration of turf. For best results, mow lawn and apply immediately after rain or watering. Repeat 2 to 3 weeks later if necessary.

ORNAMENTAL INSECT CONTROL - Ornamental plants, flowers, shrubs and shade trees including rose, carnation, gladiolus, zinnia, chrysanthemum, lilac, arborvitae, juniper, hydrangea, azalea, elm, maple, oak, dogwood, birch and pines. Do not use on Boston ivy.

Use 2 level tablespoonfuls per gallon of spray (2 pounds per 100 gallons) when insects or their damage appear. Repeat weekly or as needed to control: apple aphid, bagworm, birch leaf miner, blister beetles, boxelder bug, boxwood leaf miner, elm leaf beetle, elm leaf aphid, flea beetle, gypsy moth, Japanese beetle, June beetles, lace bugs, leafhoppers, leaf rollers, mealy bugs, mimosa webworm, oak leaf miners, orange tortrix, periodical cicada, plant bugs, puss caterpillars, psyllids, rose aphid, rose-slug, scale insects, tent caterpillars, thorn bugs, thrips (exposed), willow leaf beetles.

SMALL FRUIT INSECT CONTROL - Use sufficient spray gallonage to obtain full coverage. Keep spray mixtures well agitated. Apply when insects or their damage appear. Repeat at 7 to 10 day intervals or as necessary.

GRAPES - Use 2 tablespoonfuls per 1 gallon of water for European fruit lecanium, grape leaf folder, grape leafhopper, and grape leaf skeletonizer. Apply just before first brood leaf folder larvae emerge from rolls, and as needed for leafhoppers. May be applied up to day of harvest.

STRAWBERRIES - For meadow spittlebug, leaf roller, strawberry weevil, use 2 tablespoonfuls per gallon of water. Make 3 to 5 post bloom summer sprays as needed. May be used up to 1 day before picking.

NOTICE: Buyer assumes all risk of use, storage or handling of this product when not in strict accordance with directions give herewith.