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APR 16 1997

Gene R. Currie
Imperial Inc.
P.O. Box 536
Hampton, IA 50441

Subject: Imperial Sevin® brand carbaryl insecticide 50W Garden Spray
EPA Registration No. 407-287
Amendment dated December 30, 1996
Response to Agency letter dated 10/1/96

Dear Mr. Currie:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Make the following changes to your label:

- a) Because this product is intended for commercial agricultural and residential use, change the heading of the USER SAFETY REQUIREMENTS box to RESIDENTIAL USER SAFETY REQUIREMENTS to avoid confusion with the requirements of the Worker Protection Standard.
- b) In the Directions for Use on CORN, change "Repeat at 2-3 day intervals..." to "Repeat at 7 day intervals..."

2. Submit one copy of your final printed labeling before you release the product for shipment.

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 the product bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

DSE
for Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

CONCURRENCES							
SYMBOL	Enclosure						
SURNAME							
DATE							

D Edwards A: 407/287.1 4/14/97

IMPERIAL SEVIN®
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%

® 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
EPA Est. 407-IA-1 .

C-94WPS OCT 1 LETTER

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

Personal Protective Equipment:

Applicators and other handlers must wear:

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

Follow manufacturer's 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.

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. 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.

USER SAFETY REQUIREMENTS

Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when mixing or applying this product.

Wear a hat and eye protection when making overhead applications.

Remove clothing immediately if pesticide soaks clothing.

Change clothing as soon as possible after use.

Wash outside of gloves before removing. As with any pesticide product, wash hands thoroughly immediately after handling and before eating, smoking or using the toilet.

Do not allow children or pets to contact treated area until sprays have dried.

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 treated areas without protective clothing until sprays have dried.

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 apply only 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 .

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.

See page 2 for accepted w/Comments stamped label.

DIRECTIONS FOR USE

Apply when air is clam to avoid drift and contact with eyes and skin. Start spraying at the farthest corner of the treatment area and work backward to avoid contact with wet surfaces. Allow spray to dry in treated areas before reentering. For trees taller than 10 feet, consider hiring a licensed professional. Spray thoroughly to wet upper and lower leaf surfaces, stems and branches. Do not repeat applications more than once a week.

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.

VEGETABLES:

Mix 2 tablespoonfuls per gallon of water. Apply as a full wetting spray. Apply when insects or their damage appear.

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 - for ants, chinch bugs, earwigs, fall armyworm, fleas, leafhoppers, mosquitoes, sod webworms (Lawn moths) , millipedes.

Use one level cupful in 15 to 20 gallons of water for each 500 square feet of established lawn area

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.

Apply to control: apple aphid, bagworm, birch leaf miner, blister beetles, box elder 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, psyllid, rose aphid, rose-slug, scale insects, tent caterpillars, thorn bugs, thrips (exposed) , willow leaf beetles .

Use 2 level tablespoonful per gallon of spray (2 pounds per 100 gallons) when insects or their damage appear. Repeat weekly or as needed

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 weekly if necessary.

GRAPES - For European fruit lecanium, grape leaf folder, grape leafhopper, and grape leaf skeletonizer.

Apply 2 tablespoonfuls per 1 gallon of water just before first brood leaf folder larvae emerge from rolls, and as needed for leaf-hoppers. May be applied up to day of harvest.

STRAWBERRIES - For meadow spittlebug, leaf roller, strawberry weevil.

Apply 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 16 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
407-287

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