

NOV 12 1996

Joseph E. Dyer  
PM Resources, Inc.  
13001 St. Charles Rock Road  
Bridgeton, MO 63044

Subject: General Sevin 5 Insecticide  
EPA Registration No. 67517-31  
Amendment dated August 8, 1996  
Response to Rhone-Poulenc letter dated July 31, 1996  
and Agency letter dated October 1, 1996

Dear Mr. Dyer:

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) The USER SAFETY REQUIREMENTS section should be outlined by a box.
  - b) Delete the sentence "Avoid contamination of food and feed" from the USER SAFETY REQUIREMENTS.
  - c) In the DIRECTIONS FOR USE for CABBAGE, BROCCOLI, etc., the sentence "Will not control cabbage loopers" appears twice. Please delete one.
  - d) Please correct the spelling of Cantaloupe in the DIRECTIONS FOR USE.
2. Submit one copy of your final printed labeling before you release the product for shipment.

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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. If you have any questions about this letter, please contact Beth Edwards at (703) 305-5400.

Sincerely yours,

DHE

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

Enclosure

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**GENERAL SEVIN\* - 5 INSECTICIDE**

**FOR USE ON VEGETABLES, FRUITS, ORNAMENTALS AND LAWNS**

**ACTIVE INGREDIENT:**

Carbaryl (1-naphthyl N-methylcarbamate) ..... 5.0%

**INERT INGREDIENTS:** ..... 95.0%

**TOTAL** 100.0%

\*SEVIN is the registered trademark of Rhone-Poulenc for carbaryl insecticide

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**SEE SIDE/BACK PANEL FOR  
ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA Reg. No.: 67517-31  
Net Wt. 4 LB

EPA Est. No.: 67517-MO-1

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 12 1996

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended for the pesticide  
registered under EPA Reg. No.  
67517-31

Manufactured By  
**PM RESOURCES, INC.**  
13001 St. Charles Rock Road  
Bridgeton, MO. 63044

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RECD EPA/OPP/DPD1

SIDE/BACK PANEL

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

May be harmful if swallowed. Avoid breathing dust. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Do not use this product in commercial food areas or food handling establishments, restaurants, or other places where food is prepared or processed.

**USER SAFETY REQUIREMENTS**

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

Change clothing as soon as possible after use.

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

~~Avoid contamination of food and feed.~~

Do not allow children or pets to contact treated area until dust has settled.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**STATEMENT OF PRACTICAL TREATMENT**

**If Swallowed:** Call a physician or Poison Control center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**If on Skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**If in Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

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

**Note For Physician:** This product contains N-Methyl Carbamate, which is a moderate reversible cholinesterase inhibitor. Atropine by injection is antidotal. Do not use 2-Pam, opiates, or cholinesterase - inhibiting drugs.

**SIDE/BACK PANEL**

**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 equipment or disposal of equipment washwaters.

**BEE CAUTION:**

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops and 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.**

Wearing household latex or rubber gloves, use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster available. Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust.

- ✓ Apply when air is calm to avoid drift and contact with eyes and skin.
- ✓ Start applying at the farthest corner of the treatment area and work backward to avoid contact with dusted surfaces. Allow dust to settle in treated areas before reentering.
- ✓ For plants above chest height, consider using a liquid SEVIN® product .
- ✓ Do not repeat applications more than once a week.

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.

**INTERVAL BEFORE HARVEST:**

This product can be used up to and including the day of harvest on all crops listed except as otherwise stated under each category.

**SIDE/BACK PANEL**

**DIRECTIONS FOR USE (Continued)**

**CHEMIGATION PROHIBITION**

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

Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl label.

**CAUTION:** Some phytotoxicity may occur on tender foliage in the presence of rain or high humidity of several days' duration following application.

**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), notification to workers 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

**VEGETABLES**

**BEANS:** To control Mexican Bean Beetle, Bean Leaf Beetle, Cucumber Beetles, Leafhoppers, Flea Beetles, Japanese Beetles, and Corn Earworm - apply 1 ounce per 50 feet of row or apply 20 pounds per acre. Where Mexican Bean Beetle is the only problem, applying 10 pounds per acre is sufficient. To control Lygus Bug, Stink Bug and Lima Bean Pod Borer - apply 40 pounds per acre.

SIDE/BACK PANEL

**DIRECTIONS FOR USE (Continued)**

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, KOHLRABI: To control Flea Beetle and Harlequin Bug - apply 1/2 to 1 ounce per 50 feet of row or apply 10 to 20 pounds per acre. To control Corn Earworm, Armyworm, Imported Cabbageworm, Diamond-back moth larvae - apply 1 to 2 ounces per 50 feet of row or apply 20 to 40 pounds per acre. Will not control Cabbage Loopers. Allow 3 days between application and harvest. ~~Will not control cabbage loopers~~

COLLARDS, GARDEN BEETS, KALE, LETTUCE, MUSTARD GREENS, RADISHES, RUTABAGAS, SPINACH, TURNIPS: To control Flea Beetles, Harlequin Bug and Leafhoppers - apply 1/2 to 1 ounce per 50 feet of row or apply 10 to 20 pounds per acre. To control Armyworms, Imported Cabbageworm, Diamond-back moth larvae, Corn Earworm, Tarnished Plant Bug and Stink Bugs apply 1 to 2 ounces per 50 feet of row or apply 20 to 40 pounds per acre. For best control of Corn Earworm after lettuce heads begin to form, apply 2 ounces per 50 feet of row or apply 40 pounds per acre in a 7-day schedule. Will not control Cabbage Loopers. Allow 3 days between application and harvest on Head Lettuce, Garden Beets (roots), Radishes, Rutabagas and Turnips (roots). Allow 14 days between application and harvest on Collards, Garden Beets (tops), Kale, Leaf Lettuce, Mustard Greens, Spinach and Turnips (tops).

CUCUMBERS, SQUASH, CATALOUPE, PUMPKINS, MELONS: To control Pickleworm, Melonworm, Cucumber Beetles, Squash Bug, Flea Beetles - apply 1 ounce per 50 feet of row or apply 20 pounds per acre.

CORN: To control Corn Earworm, European Corn Borer, Fall Armyworm, Sap Beetles, and Japanese Beetles - apply 2 ounces per 50 feet of row or apply 40 pounds per acre. For budworm damage in the whorl, apply to entire plant and repeat as necessary. For insects attacking silks and ears, apply at 7 day intervals starting when first silks appear and continuing until silks begin to dry. Three or more applications may be required depending upon severity of infestation.

CARROTS: To control Flea Beetles, Leafhoppers, Spittlebugs, Lygus and Stink Bugs - apply 1 to 2 ounces per 50 feet of row or apply 20 to 40 pounds per acre.

OKRA: To control Corn Earworm and Stink Bugs - apply 1 to 2 ounces per 50 feet of row or apply 20 to 40 pounds per acre.

TOMATO, EGGPLANT, PEPPER: To control Tomato Fruitworm, Fall Armyworm, Flea Beetles and Leafhoppers - apply 1 ounce per 50 feet of row or apply 20 pounds per acre. For control of Tomato Hornworm, European Corn Borer and Stink Bugs - apply 1 to 2 ounces per 50 feet of row or apply 20 to 40 pounds per acre.

POTATO: To control Colorado Potato Beetle - apply 1/2 ounce per 50 feet of row or apply 10 pounds per acre. For control of Leafhoppers and Flea Beetles apply 1 ounce per 50 feet of row or apply at a rate 20 pounds per acre and for Lygus Bug apply 2 ounces per 50 feet of row or apply 40 pounds per acre.

SIDE/BACK PANEL

**DIRECTIONS FOR USE (Continued)**

**SMALL FRUIT**

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES: To control Japanese Beetles, Leaf Rollers, Leafhoppers and Raspberry Aphid apply 2 ounces per 50 feet of row or apply 40 pounds per acre. Allow 7 days between application and harvest.

BLUEBERRIES: To control Blueberry Maggot, Cherry and Cranberry Fruitworms and Japanese Beetles - apply 1-1/2 to 2 ounces per 50 feet of row or apply 30 to 40 pounds per acre. Apply 3 weeks before harvest and repeat 10 days later or as necessary.

GRAPES: To control Grape Leaf Folder, Grape Leafhopper and Grape Leaf Skeletonizer, apply 1 to 2 ounces per 50 feet of row or apply 20 to 40 pounds per acre. Apply just before first brood leaf folder larvae emerge from rolls and as needed for Leafhoppers. To control Grape Berry Moth, Japanese Beetle, June Beetles and Red-Banded Leaf Roller apply 2 ounces per 50 feet of row or apply 40 pounds per acre. Allow 7 days between application and harvest.

STRAWBERRIES: To control Meadow Spittlebug, Strawberry Leaf Roller and Strawberry Weevil apply 1 to 2 ounces per 50 feet of row or apply 20 to 40 pounds per acre. Allow 1 day between application and harvest.

**ORNAMENTALS**

To control Apple Aphid, Bagworm, Birch Leaf Miner, Blister Beetles, Boxelder Bug, Boxwood Leaf Miner, Elm Leaf Aphid, Elm Leaf Beetle, Flea Beetles, Japanese Beetle, Lace Bugs, Leafhoppers, Leaf Rollers, Oak Leaf Miners, Orange Tortrix, Periodical Cicada, Plant Bugs, Psyllids, Rose slug, Rose Aphid, Scale insects in the crawler stage, Tent Caterpillars, Willow Leaf Beetle and exposed Thrips - apply thoroughly to the infested plants at first sign of damage and repeat at 7-day intervals or as necessary for good insect control. To obtain scale control apply in Spring and early Summer when scale crawlers are present.

**LAWNS**

To control Leafhoppers, Fall Armyworm, and Sod Webworm - apply 4 pounds per 1,000 square feet. For best results, apply after rain or watering and do not water for at least 2 days after application. Repeat in 2 to 3 weeks if necessary.



**SIDE/BACK PANEL**

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store pesticide in original container and place in a locked storage area.

**Pesticide Disposal:** Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Container Disposal:** Do not reuse empty container. Wrap and discard in trash.

**NOTICE OF WARRANTY**

PM RESOURCES, INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR OTHERWISE, EXPRESSED OR IMPLIED CONCERNING THIS PRODUCT OR ITS USES WHICH EXTEND BEYOND THE USE OF THE PRODUCT UNDER NORMAL CONDITIONS IN ACCORD WITH THE STATEMENTS MADE ON THIS LABEL.