


PM 19 264-337

1994

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A)  EPA	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number 196632
	Application for Pesticide:		

Section I

1. Company/Product Number 264-337	2. EPA Product Manager Dennis Edwards	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SEVIN brand 4-OIL 41 Carbaryl Insecticide	PMS 19	
5. Name and Address of Applicant (Include ZIP Code) Rhone-Poulenc Ag Company 2 T. W. Alexander Drive RTP, NC 27709 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below	Final printed labels in response to Agency letter dated _____ "Me Too" Application. Other - explain below.
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	
<input checked="" type="checkbox"/> Notification - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION: As required by PR Notice 93-3, the Environmental Hazards section of this label has been amended to prohibit the application to water.

BEST AVAILABLE COPY

NOTIFICATION
LABEL NOT REVISED
DATE: 6/29/93

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)	
* Certification must be submitted.		If "Yes," Unit Package wgt. No. per container	If "Yes," Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other ()		

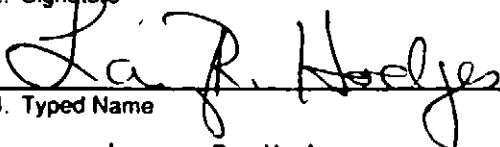
Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Larry R. Hodges	Title Registration Manager	Telephone No. (Include Area Code) 919-549-2870

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)
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2. Signature 	3. Title Registration Manager
4. Typed Name Larry R. Hodges	5. Date June 24, 1993

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SEVIN® brand 4-Oil 4I Carbaryl Insecticide

ACTIVE INGREDIENT: Carbaryl (1-naphthyl N-methylcarbamate) 40.5% by wt.
INERT INGREDIENTS: 59.5% by wt.
(Contains 3.2 pounds carbaryl per gallon) This product contains petroleum distillates.

E.P.A. Reg. No. 264-337

E.P.A. Est. No. 264-MO-01

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577
For **PRODUCT USE** Information Call 1-800-334-9745

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Never give anything by mouth to an unconscious or convulsing person. Do not induce vomiting.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash thoroughly with soap and water.

IF INHALED: Move from contaminated atmosphere and call a physician.

ANTIDOTE STATEMENT

ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended. See NOTE TO PHYSICIAN below.

GENERAL

Contact a physician immediately in all cases of suspected poisoning. Transport to a physician or hospital immediately and SHOW A COPY OF THIS LABEL TO THE PHYSICIAN. If poisoning is suspected in animals, contact a veterinarian.

NOTE TO PHYSICIAN

Carbaryl is a carbamate insecticide, which is a cholinesterase inhibitor. Overexposure to this substance may cause toxic signs and symptoms due to stimulation of the cholinergic nervous system. These effects of overexposure are spontaneously and rapidly reversible.

Specific treatment consists of parenteral atropine sulfate. Caution should be maintained to prevent overatropinization. Mild cases may be given 1 to 2 mg intramuscularly every 10 minutes until full atropinization has been achieved and repeated thereafter whenever symptoms reappear. Severe cases should be given 2 to 4 mg intravenously every 10 minutes until fully atropinized, then intramuscularly every 30 to 60 minutes as needed to maintain the effect for at least 12 hours. Dosages for children should be appropriately reduced. Complete recovery from overexposure is to be expected within 24 hours.

Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.

To aid in confirmation of a diagnosis, urine samples should be obtained within 24 hours of exposure and immediately frozen. Analyses will be arranged by Rhône-Poulenc Ag Company.

Consultation on therapy can be obtained at all hours by calling the Rhône-Poulenc emergency number 1-800-334-7577.

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

MAY BE HARMFUL IF SWALLOWED. Avoid breathing of spray mist. Do not take internally. Avoid contact with eyes, skin or clothing. Wear regular long-sleeved work clothing. Change to clean clothing daily. Wash hands and face before eating. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

This product 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 wastes. Do not apply when weather conditions favor drift from the area treated.

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-8

DATE 6/29/93

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BEE CAUTION

MAY KILL HONEYBEES IN SUBSTANTIAL NUMBERS. This product is highly toxic to bees exposed to direct treatment 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. Contact your Cooperative Agricultural Extension Service or your local Rhône-Poulenc Ag Company representative for further information.

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.

STORAGE AND DISPOSAL

STORAGE

Store unused SEVIN® brand 4-Oil 41 Carbaryl Insecticide in original container only, in cool, dry area out of reach of children and animals. Do not store in areas where temperatures frequently exceed 100°F.

PESTICIDE DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Decontaminate empty bulk tanks by rinsing with kerosene or #2 fuel oil. Rinses may be drained into a mixing or spray tank. Bulk tanks should be washed with a detergent and hot water.

Consult Federal, State or Local disposal authorities for approved alternative procedures.

GENERAL INFORMATION

SEVIN® brand 4-OIL 41 Carbaryl Insecticide is a pre-diluted product containing a finely ground dispersion of SEVIN Carbaryl Insecticide in non-aromatic, low volatile oils. It is designed for air application as a low volume or ultra low volume spray. READ THIS LABEL BEFORE USE. USE IN STRICT ACCORDANCE WITH DIRECTIONS AND CAUTIONS.

PREHARVEST AND GRAZING USE INFORMATION AND LIMITATIONS

Tolerances established under the Federal Food, Drug and Cosmetic Act permit the sale of crops bearing probable carbaryl residues when this product is used in accordance with label directions. If used as directed, treated forage may be grazed or used as feed for dairy and meat animals without causing illegal residues in meat or milk. See specific crop directions for grazing and preharvest interval restrictions and limitations.

Do not plant rotational food and feed crops not listed on this or other carbaryl labels in carbaryl treated soil.

Do not use reclaimed irrigation water from crops treated with carbaryl on upland crops for which carbaryl tolerances are not established.

PLANT RESPONSE PRECAUTION

To avoid possible injury to tender foliage, do not apply to wet foliage or when rain or high humidity is expected during the next two days.

SPRAY PREPARATION

Do not apply SEVIN® brand 4-Oil 41 Carbaryl Insecticide through any type of irrigation system. Recirculate SEVIN® brand 4-OIL 41 Carbaryl Insecticide completely, once every 24 hours during storage and during or before use to maintain homogeneity. SEVIN® brand 4-OIL 41 Carbaryl Insecticide may be held prior to use and transferred in any materials of construction suitable for use with fuel oil, kerosene or diesel oil. Protect from water.

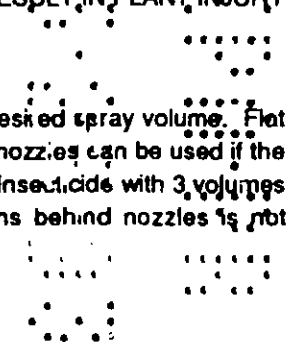
Before and after use, flush tanks, pumps, lines, hoses and entire spray systems with diesel fuel, kerosene or #2 fuel oil until clean. Water, scale, rust and other residues must be removed from pumps, mixing and spray systems before use.

COMPATIBILITY

SEVIN® BRAND 4-OIL 41 CARBARYL INSECTICIDE IS NOT COMPATIBLE WITH AND SHOULD NOT BE CONTAMINATED WITH WATER, ALCOHOL OR AROMATIC SOLVENTS. Compatibility with other pesticides has not been thoroughly tested. DO NOT USE IN TANK MIX COMBINATIONS UNLESS YOUR EXPERIENCE INDICATES THAT THE MIXTURE IS EFFECTIVE AND WILL NOT RESULT IN PLANT INJURY OR MECHANICAL DIFFICULTY.

APPLICATION

On all crops use sufficient gallonage to obtain thorough and uniform coverage. Calibrate equipment to deliver the desired spray volume. Flat fan nozzles may be used to apply SEVIN® brand 4-OIL 41 Carbaryl Insecticide. Rotary atomizing and hollow cone nozzles can be used if the SEVIN® brand 4-OIL 41 Carbaryl Insecticide is diluted at the ratio of 5 volumes of SEVIN® brand 4-OIL 41 Carbaryl Insecticide with 3 volumes of fuel oil, kerosene or diesel oil. Use of a high-volume 50-mesh in-line strainer is suggested. Use of screens behind nozzles is not recommended.



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Apply only when weather conditions are favorable. Wind and rising air currents may cause undesirable spray drift and reduce insect control.

INSECT CONTROL

Apply when insects or their damage appear. To maintain control repeat at 7 to 14 day intervals or as necessary unless a shorter interval is specified below. Where a dosage range is indicated, use lower rate on young plants and early instars and higher rates on mature plants, advanced instars and adults. Thorough and uniform spray coverage is essential for effective control. Follow directions for most effective use. DOSAGES LISTED REFER TO VOLUME OF SEVIN® brand 4-OIL 41 CARBARYL INSECTICIDE PER ACRE.

SEVIN® brand 4-Oil 41 Carbaryl insecticide does not control spider mites. If spider mites are a problem, use a registered miticide.

Regional differences have been noted in the susceptibility of certain strains of fall armyworm to SEVIN® brand 4-Oil 41 Carbaryl Insecticide. If local experience indicates inadequate control, use an alternative pesticide.

PASTURE, RANGELAND AND WASTELAND INSECT CONTROL

For grasshoppers: Apply 15 to 60 ounces of SEVIN® brand 4-OIL 41 Carbaryl insecticide in a total spray volume of at least 20 fluid ounces per acre. Lower rate is suggested for nymphs, low to moderate populations, or applications to small plants or sparse vegetation. Use higher rate for adult grasshoppers high populations or applications to dense vegetation.

For range caterpillar: Apply 20 to 40 ounces of this product per acre. Use the lower rate when larvae are in early instars and the higher rate for later instars.

For black grass bugs: Apply 20 to 40 ounces of this product per acre. Lower rate is suggested for immature bugs in sparse vegetation. Use higher rate for mature bugs or when vegetation is thick.

For Japanese beetle: Apply 40 ounces of this product per acre when adult beetles are present.

ALFALFA AND CLOVERS INSECT CONTROL

For grasshoppers: Apply 20 to 60 ounces of this product per acre. To avoid possible injury to tender alfalfa foliage, do not apply to wet foliage or when rain or high humidity is expected during the next two days.

Do not apply to alfalfa within 3 days of harvest.

WHEAT INSECT CONTROL

For grasshoppers: Apply 20 to 60 ounces of this product per acre. Do not make more than 2 applications after grain heads emerge from boot. Do not apply within 21 days of harvest of grain. No time limitation on green wheat used as pasture or forage.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES, NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

Rhône-Poulenc Ag Company
P. O. Box 12014, 2 T. W. Alexander Drive
Research Triangle Park, NC 27709

SEVIN is a registered trademark of Rhône-Poulenc.
SEVIN® brand 4-Oil 41 Carbaryl insecticide (MASTER) Notification 6/23/93.

