

PM 04

802-585

5-15-97

1013

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0080. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number
248782

Application for Pesticide - Section I

1. Company/Product Number 802-585	2. EPA Product Manager	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Lilly/Miller Sevin Brand Carbaryl Insecticide Spray	PM# 19	
5. Name and Address of Applicant (Include ZIP Code) The Chas. H. Lilly Company PO Box 83179 Portland, OR 97283-0179 <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.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

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

Notification per PR Notice 95-2: Add Descriptive Marketing Text

MAY 15 1997

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
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) 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 Daria Mills	Title Registration Specialist	Telephone No. (Include Area Code) (503) 289-5937
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)
2. Signature <i>Daria Mills</i>	3. Title Registration Specialist	
4. Typed Name Daria Mills	5. Date 4/30/97	

LILLY/MILLER.



Kills caterpillars, beetles,
leafhoppers and apple
maggots

Protects fruit trees,
vegetable gardens, lawns
and ornamentals

Lilly/Miller®
Sevin® BRAND
CARBARYL INSECTICIDE
SPRAY

17792-4/97

ACTIVE INGREDIENT:
Carbaryl (1-naphthyl N-methylcarbamate) 21.3%
INERT INGREDIENTS 78.7%
Contains 2 lbs. carbaryl per gallon
SEVIN® is the registered trademark of Rhone-Poulenc Ag Co.

Keep out of reach of children
CAUTION
See back panel for additional precautionary statements.

NET CONTENTS
1 PINT (473 ml)

NOTIFICATION

MAY 5 1997

LILLY/MILLER.

Sevin® BRAND
CARBARYL INSECTICIDE
SPRAY

PULL HERE TO OPEN
PRESS TO RESEAL

- Broad spectrum insect control
- Protects plants from leaf-eating insects
- Kills tomato hornworms
- Controls ticks which transmit Lyme Disease

THE CHAS. H. LILLY CO.
Portland, Oregon 97203
EPA Reg. No. 802-605
EPA Est. 61448-CA-01
77792-4/97



0 70624 77792 3

FRONT COVER
COPY AREA
3.76" HEIGHT x 1.6026" WIDTH



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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. For household use only.

SHAKE WELL BEFORE USING. Apply when insects or damage appear.

Apply when air is calm 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.

VEGETABLE CROPS

All dosages, in [], refer to teaspoonsful of this product per gallon of water. Use sufficient spray gallonage to obtain thorough coverage. (Six teaspoons equal one fluid ounce). Do not exceed maximum dosage rate. Follow the time interval between last application and harvest indicated by the number in () following each vegetable. A (0) indicates this product may be applied up to and including the day of harvest. **OBSERVE BEE CAUTION.**

Asparagus (1) — Asparagus beetle, Grasshopper [4-8 tsp]. Spray ferns or brush growth. Do not treat more than once a week.

Beans, including black-eyed peas, crowder or southern peas, dry, green, lima, navy and snap beans (0), cowpeas

(3) — Blister beetle, Mexican bean beetle [2-4 tsp], Bean leaf beetle, Cucumber beetle, Flea beetle, Leafhopper, Thrips [4 tsp], Armyworm, Cutworm, Grasshopper, Tarnished plant bug [4-8 tsp], Lygus bug, Slink bug [8 tsp].

Broccoli (3), Brussels Sprouts (3), Cabbage (3), Carrots (0), Cauliflower (3), Celery (14), Chinese Cabbage (14), Collards (14), Dandelion (14), Endive (Escarole) (14), Garden Beet (roots - 3, tops - 14), Hanover Salad (14), Horseradish (3), Kale (14), Kohlrabi (3), Lettuce (head - 3, leaf - 14), Mustard Greens (14), Okra (0), Parsnips (3), Parsley (14), Radishes (3), Rutabagas (3), Salsify (roots - 3, tops - 14), Spinach (14), Swiss Chard (14), Turnips (roots - 3, tops - 14). DO NOT USE ON CELERY IN CALIFORNIA — Flea beetle, Leafhopper [2-4 tsp], Grasshopper, Lygus bug, Spittlebug [4-6 tsp], Armyworm, Corn earworm, Imported cabbageworm, Slink bug, Tarnished plant bug [4-8 tsp], Lettuce: Treat on a 7 day schedule after heads begin to form.

Potato, Tomato, Eggplant, Pepper, Peanuts (0); Peas (3) — Bean leaf beetle, Blister beetle, Colorado potato beetle, Cucumber beetle, Flea beetle, Leafhopper, Mexican bean beetle, Thrips [4 tsp], Armyworm, Corn earworm, Grasshopper, Pea weevil [0 tsp], European corn borer, Fall armyworm, Lace bug, Slink bug, Tarnished plant bug, Tomato hornworm, Tomato pinworm [4-8 tsp], Cutworm [6-8 tsp].

Corn (0) — Armyworm, Chinch bug, Corn earworm, Corn rootworm beetle, European

corn borer, Flea beetle, Grasshopper, Leafhopper, Sap beetle [4-8 tsp]. For insects attacking silks and ears apply at 7 day intervals starting when first silks appear and continuing until silks begin to dry. For larvae in whorl and foliage feeders, apply as necessary, but not more than once a week. Optimum timing and good coverage are essential for effective control.

Cucumber, Melon, Pumpkin, Squash (all 0) — Pickleworm, Melonworm [2-4 tsp], Cucumber beetle, Flea beetle, Grasshopper, Leafhopper, Squash bug [4 tsp].

Sweet Potato (0) — Cucumber beetle, Flea beetle, Grasshopper, Sweet potato hornworm [4-8 tsp]. Apply as a foliar spray as needed. Full coverage is essential. Use lower rate on young plants and higher rate on mature plants. **DO NOT USE ON SWEET POTATOES IN CALIFORNIA.**

TREE FRUIT AND NUT CROPS

All dosages, in [], refer to teaspoonsful of this product per gallon of water. Use sufficient spray gallonage to obtain thorough coverage. Do not exceed maximum dosage rate. Follow the time interval between last application and harvest indicated by the number in () following each fruit or nut. A (0) indicates this product may be applied up to and including the day of harvest.

Almonds (28) — Peach twig borer, San Jose scale, Fruitree leafroller [4 tsp]. Apply in "popcorn" or petal fall stages and again when the May brood of the peach twig borer begins to hatch or thereafter as needed.

Apples, Pears (all 1) — Apple aphid, Apple maggot, Codling moth, Eastern tent caterpillar, Fruitree leafroller, Pear psylla, Scale, Tarnished plant bug, Tentiform leafminer, Woolly apple aphid [4 tsp]. To avoid undesired apple thinning, delay use until at least 30 days after full bloom. For psylla control, apply when eggs hatch or young nymphs are present. For optimum scale control apply when crawlers are present.

Apricots (3), Cherries (1), Hectarines (3), Peaches (1), Plums (1), Prunes (1) — Codling moth, Eastern tent caterpillar, Orange tortrix, Tussock moth [3-4 tsp], Black cherry aphid, Cherry fruitworm, Cherry maggot, Earwig, Leafroller, Lesser peachtree borer, Mealy plum aphid, Peach twig borer, Plum curculio, Scale, Tarnished plant bug [4 tsp]. For optimum scale control, apply when crawlers are present. For lesser peachtree borer control, spray limbs and tree trunks thoroughly, weekly, during moth flight.

Citrus Fruits: grapefruit, lemons, limes, oranges, tangelos, tangerines, citrus citron, kumquats and hybrids (all 5) — Scale [3-4 tsp], Avocado leafroller, Citrus root weevil, Fruitree leafroller [4 tsp]. Do not apply less than 10 gallons of diluted spray mixture per mature tree. May be mixed with petroleum oils commonly used on citrus.

Fibers (0) — Fibert aphid, Fibert leafroller, Fibertworm [4 tsp]. Apply when leafroller eggs are hatching. Repeat on first appearance of adult fibert moths and again 3 to 4 weeks later.

Pecans (0) — Black margined aphid, Fall webworm, Pecan nut casebearer, Pecan spittlebug, Pecan weevil, Twig girdler, Walnut caterpillar [4-10 tsp].

Walnuts (0) — Codling moth, Fibertworm, Fruitree leafroller, Scale [2 tsp]. For Codling moth, apply spray when average cross sectional diameters of developing nuts are 1/2 to 3/4 inch. Repeat during middle or late June as needed. Earwig [8 tsp]. For earwigs, spray tree trunks to point of run-off.

SMALL FRUIT CROPS

All dosages, in [], refer to teaspoonsful of this product per gallon of water. Use sufficient spray gallonage to obtain thorough coverage. Do not exceed maximum dosage rate. Follow the time interval between last application and harvest indicated by the number in () following each fruit. A (0) indicates this product may be applied to and including the day of harvest.

Blackberries (7), Dewberries (including Boysenberries and Loganberries) (7), Grapes (7), Raspberries (7), Strawberries (1) — European raspberry aphid, Grape leafhopper, Grape leafroller, Leafhopper, Leafroller, Scale, Strawberry weevil, Western grapeleaf skeletonizer [4-8 tsp]. Apply before first brood leafroller larvae emerge from rolls.

Blueberries (0) — Blueberry maggot, Cherry fruitworm, Cranberry fruitworm, Scale [6 tsp]. Apply 3 weeks before harvest and repeat as necessary, but not more than once a week.

TREES AND ORNAMENTALS

For dilute spray applications to trees (including shade trees), ornamentals, woody plants and shrubs, apply the specified dosage per gallon of water in sufficient spray volume to provide thorough coverage.

Trees (including shade trees), Ornamentals (including roses, flowers and other herbaceous plants), Woody plants and shrubs — Ant, Aphid, Armyworm, Bagworm, Blister beetle, Boxelder bug, Cutworm, Elm leaf beetle, Fall armyworm, Flea beetle, Fuchsia Gall Mite, Grasshopper, Japanese beetle, Lace bug, Leafhopper, Leafminer, Leafroller, Mealy bug, Oak leaf skeletonizer, Periodical cicada, Pine spittlebug, Plant bug, Psyllid, Puss caterpillar, Rose chafer, Rosaceous Sawfly (exposed), Scale, Sowbug, Springtail, Tent caterpillar, Thrips (exposed), Webworm [4 tsp]. Apply dilute sprays to obtain thorough coverage of upper and lower leaf surfaces. To control scale, treat trunks, stems and twigs in addition to plant foliage. Addition of a slicker may improve residual control.

USE PRECAUTIONS: Carbaryl injures Boston Ivy, Virginia creeper, and Maidenhair fern. During early season, it may also injure Virginia and Sand pines.

LAWNS

Use 12 fl. oz. of this product per 1000 square feet of turf grass. Make application in sufficient spray volume for thorough coverage and turf thatch penetration. Repeat as necessary (not more than once a week). For control of: Ant, Armyworm,

Bluegrass billbug, Centipede, Chigger, Chinch Bug, Cutworm, Earwig, Fall armyworm, Grasshopper, June beetle, Leafhopper, Lucerne moth, Millipede, Mosquito, Sod webworm (lawn moths), Sowbug, Springtail, Tick, White Grub.

For Armyworm, Cutworm, and Fall Armyworm Control: Do not irrigate treated areas following insecticide application.

For Chinch Bug Control: Treat entire turf grass area rather than just damaged areas. Irrigation of turf grass area before insecticide application will aid in penetration into turf grass.

For White Grub Control: Applications should be made when grubs are feeding near the soil surface, usually during late March through May, or July to early September, or as recommended by local Agricultural Extension Service agents. Water or irrigate turf grasses thoroughly soon after treatment.

To Control Imported Fire Ants: Use 2 tablespoons (1 fl. oz.) of this product per gallon of water. Apply a total of 2 gallons of the diluted solution over surface of each mound, or at least 1 quart per 6 inches of mound diameter. Repeat application if mound activity resumes after 10 days. Treat new mounds as they appear.

To Control Adult Mosquitoes: Apply 1 to 2 tablespoons per gallon of water as a dilute spray to trees, ornamentals, woody plants and shrubs. Treat shrubby and areas where adult mosquitoes congregate. Treat when adult mosquitoes are active in early

morning or late evening. Repeat at 7 to 10 day intervals. **OBSERVE BEE CAUTION.** Avoid direct application. **MAY KILL SHRIMP AND CRABS.** Do not use in areas where these are important resources.

To Control Ticks Which Transmit Lyme Disease: For control of Deer Tick, Bear Tick, Black Legged Tick and Lone Star Tick use 2 tablespoons per gallon of water as a dilute spray to lawns, perimeter wooded areas, and property boundaries including shrub beds, ornamental plantings, and wooded areas where exposure to ticks may occur. **SEE USE PRECAUTIONS.** Begin applications in late spring or early summer (May through June). Retreat at 3 to 4 week intervals since ticks may be reintroduced from surrounding areas by infested animals.

PEST CONTROL IN AND AROUND BUILDINGS

For use in and around buildings such as homes and apartments. To Control Brown dog ticks, Earwigs, Fleas, Millipedes, Silverfish: Apply 7 fl. oz. per gallon of water as a coarse wet spray or with a paint brush to outdoor sleeping quarters of pets, outside perimeter of dwellings and other areas where insects tend to congregate. To Control Ants, Cockroaches: Apply 17 fl. oz. per gallon of water. Do not use this product in commercial food areas of food handling establishments, restaurants, or other places where food is prepared or processed. Avoid application to surfaces where visible spray residues are objectionable.

STORAGE AND DISPOSAL

Store this product out of reach of children

and domestic animals. Do not reuse container. Rinse thoroughly before discarding. Securely wrap in several layers of newspaper and discard in trash.

PRECAUTIONARY STATEMENTS HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: MAY BE HARMFUL IF SWALLOWED. Avoid breathing spray mists. Do not take internally. Avoid contact with eyes, skin or clothing.

- USER SAFETY REQUIREMENTS**
- Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when mixing and 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 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.
- Do not allow children or pets to contact treated area until sprays have dried.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Induce vomiting and seek medical attention immediately. If In Eyes Or On Skin: Flush eyes with plenty of water. Wash skin thoroughly with soap and water.

NOTE TO PHYSICIAN: Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal. Do not use 2-PAM, atropine or cholinesterase inhibiting drugs.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water. Do not apply when weather conditions favor drift from area treated. Do not contaminate water when disposing of equipment washwaters.

BEE CAUTION: MAY KILL HONEYBEES IN SUBSTANTIAL NUMBERS. 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 foraging the treatment area. Contact your Cooperative Agricultural Extension Service for further information.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

THE CHAS. F. CILLY CO.

Portland, Oregon 97283
EPA Reg. No. 802-585
EPA Est. 61448-CA-01
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