

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

802-589

MAR 7

TERM OF ISSUANCE

Until Reregistration

NAME OF PESTICIDE PRODUCT

Lilly/Miller Esfenvalerate  
Concentrate

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

The Chas. H. Lilly Company  
7737 N.E. Killingsworth  
Portland, OR 97218

161 5914889  
18/1

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase, "EPA Registration No. 802-589".
- b. We have no objection to the phrase **For Household Use Only**, however the statement should appear on the front panel, preferably under the product name.

3. Submit five copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

George T. LaRocca  
Product Manager 13  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

ESFENVALERATE CONCENTRATE

Controls aphids, leafhoppers, caterpillars and many other insects on ornamentals, flowers, vegetables, fruits and nuts. Controls nuisance pests such as ants, cockroaches, fleas, spiders and ticks outdoors.

Contains EVERCIDE\*

ACTIVE INGREDIENT:

(S)-cyano(3-phenoxyphenyl)methyl-(S)-  
 4-chloro-alpha-(1-methylethyl)  
 benzeneacetate . . . . . 0.425%  
 INERT INGREDIENTS . . . . . 99.575%

Contains petroleum distillate.

EVERCIDE - registered trademark of McLaughlin Gormley King Co.

Keep out of reach of children

WARNING

See side panel for additional precautionary statements.

NET CONTENTS 1 QT.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes skin irritation and moderate eye irritation. Do not get on skin, eyes or clothing. Harmful if inhaled or absorbed through the skin. Avoid breathing vapor or spray mist. Wash with soap and water after handling. Remove contaminated clothing and wash before reuse. Avoid contamination of food or feedstuffs.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center immediately. Do not induce vomiting because of aspiration pneumonia hazard. If In Eyes: Flush with plenty of water. Get medical attention if irritation persists. If On Skin Or Clothing: Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists. If Inhaled: Remove affected person to fresh air. Apply artificial respiration if indicated.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. Do not apply directly to water. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

**BEST AVAILABLE COPY**

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.

USE PRECAUTION

ACCEPTED  
with COMMENTS  
to EPA Letter Dated

R 7

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

802-589

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Do not spray in or near fish ponds or other bodies of water.

SHAKE WELL BEFORE USING. Mix recommended amount of ESFENVALERATE CONCENTRATE and water. Apply when insects are observed or damage is evident. Spray to thoroughly cover all plant surfaces, including undersides of leaves. Repeat weekly throughout the growing season or as needed for control.

For optimum control of Plant Bugs, Leaf and Stem Phylloxera, and Rosy Apple Aphid, consult your State Agricultural Experiment Station or State Extension Service Specialist for timing of sprays in your area.

On food crops, follow the time interval between last application and harvest indicated by the number in ( ) following each crop. For example, a (1) indicates this product may be applied up to one day before harvest.

ORNAMENTAL PLANTS such as African Violets, Asters, Azaleas, Begonias, Camellias, Carnations, Chrysanthemums, Dahlias, Dogwood, Gladiolus, Marigold and Roses.

To control Aphids, Armyworm, Cutworm, Flea Beetle, Grasshopper, Leafhopper, Looper, Lygus Bug, Stink Bug, Tarnished Plant Bug, and Whitefly. Use 2 tablespoons per gallon of water.

#### LAWNS

To control Fleas and Ticks. Use 3 tablespoons in 3 gallons water to cover 500 sq. ft. of lawn or ornamental turf. Use a hose-end sprayer, sprinkling can, or tank sprayer. For best results, lawn should be mowed a day or two before application. Spray to evenly cover lawn areas frequented by pets. Spray under ornamental trees and shrubs, but avoid soaking foliage. Repeat at 7 to 14 day intervals as necessary for control. Kills on contact the Ixodes demmini tick (deer tick) which transmits Lyme disease. Also kills foraging fire ants upon direct contact. A product labeled for treatment of fire ant mounds should be used in conjunction with this product. Keep children and pets off treated areas until spray has dried. Do not spray animals with this product. Pets and their bedding should be treated with an EPA-registered product approved for direct application to pets, such as Lilly/Miller Sevin brand carbaryl insecticide 5% Dust. Follow label directions.

#### ORNAMENTAL EVERGREEN TREES

To control Nantucket Pine Tip Moth, Spittlebugs, Pine Leaf Chermid, Redheaded Pine Sawfly, Balsam Woolly Adelgid, Pine Chafer, Red Pine Sawfly, Pine Conelet Bug, European Pine Sawfly, Cranberry Girdler (adult control), Pine Needle Midge, Balsam Twig Aphid, Spruce Budworm. Use 4 tablespoons per gallon of water.

#### VEGETABLES

Artichoke (7), Broccoli (3), Cabbage (3), Carrots (7), Cauliflower (3),

**BEST AVAILABLE COPY**

Chinese Cabbage - tight headed varieties only (3), Collards (7),  
Cucumber (3), Dry Beans (21), Dry Peas (21), Eggplant (7), Green Peas  
(3), Lentils (21), Peppers (7), Potatoes (7), Pumpkins (3), Radishes  
(7), Snap Beans (3), Squash - winter and summer (3), Sweet Corn (1),  
Tomatoes (1).

To control Aphids (including Buckthorn, Corn Leaf, Oat Bird-Cherry, Pea,  
Potato), Armyworms (including Western Yellow-Striped, Beet, Southern),  
Artichoke Plume Moth, Beetles (including Banded Cucumber, Colorado  
Potato, Cucumber adults - spotted and striped, Flea, Mexican Bean, Sap  
adults), Borers (European Corn, Southwestern Corn, Squash Vine, Stalk),  
Carrot Weevil, Caterpillar (Alfalfa, Painted Lady, Saltmarsh,  
Velvetbean), Chinch Bug, Corn Earworm, Corn Rootworm (adults), Cowpea  
Curculio, Cutworms (including Western Bean), Diamondback Moth,  
Grasshopper, Green Cloverworm, Imported Cabbageworm, Leafhoppers  
(including Aster, Potato), Loopers (including Alfalfa, Cabbage, Celery),  
Pea Weevil, Pepper Weevil, Pickleworm, Plant Bugs (Tarnished Plant Bug,  
Stink Bug, Lygus Bug), Potato Psyllid, Potato Tuberworm, Rindworm,  
Squash Bug, Tobacco Hornworm, Tomato Fruitworm, Tomato Hornworm, Tomato  
Pinworm, Vegetable Leafminer and Whitefly.

Use 2 tablespoons per gallon of water. When spraying Artichokes, repeat  
treatment every two weeks.

FRUITS

Apples (21), Melons including Cantaloupe, Honeydew, Watermelon,  
Muskmelon (3), Pears (28), Stone Fruits including Peaches, Apricots,  
Nectarines, Plums, Prune Plums, Cherries (all 14).

To control Aphids (Apple, Rosy Apple, Black Cherry), Apple Maggot,  
Borers (Peach Twig, Peach Tree, Lesser Peach Tree, American Plum),  
Cherry Fruit Fly, Codling Moth, Green Fruitworm, Leafhoppers,  
Leafrollers, Lesser Appleworm, Oriental Fruit Moth, Pear Psylla, Pear  
Slug, Periodical Cicada, Plum Curculio, Tarnished Plant Bug, Tentiform  
Leaf Miner, Tufted Apple Budmoth, San Jose Scale, Stink Bug, Western  
Cherry Fruit Fly.

Use 2 tablespoons per gallon of water. For Borer control, spray to  
thoroughly cover trunk and lower limbs.

For Dormant Season Control of Pear Psylla on Pears: Use 4 tablespoons  
per gallon of water. Apply during dormant season or when emerging buds  
appear white.

NUTS

Almonds (21), Filberts (21). To Control Naval Orangeworm, Peach Twig  
Borer, Filbert Worm, Oblique Banded Leafroller. Use 2 tablespoons per  
gallon of water.

Pecans (21), Walnuts (21). To Control Pecan Weevil, Hickory Shuckworm,  
Pecan Nut Casebearer, Pecan Aphids, Pecan Spittlebug, Pecan Stem  
Phylloxera, Pecan Leaf Phylloxera, Walnut Aphid, Walnut Husk Fly,

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Codling Moth, Naval Orangeworm. Use 4 tablespoons per gallon of water. For Filbert Worm control, make first application when moths emerge in early summer. Do not apply again for three weeks.

#### TO CONTROL NUISANCE PESTS OUTDOORS

To control Ants, Cockroaches (including German and Asian cockroaches), Crickets, Palmetto Bugs, Sowbugs (Pillbugs), Spiders and Ticks on contact. Mix 2 fl. oz. ESFENVALERATE CONCENTRATE in one gallon of water. Apply one gallon mixed spray to 1,000 square feet of outside surfaces of buildings, porches, patios, garages, and other areas where these pests have been seen or found. Do not allow this spray dilution to contact ornamental plants or shrubs because of possible injury.

To control migrating insects such as Grasshoppers, Saltmarsh Caterpillar, Armyworms, Army Cutworms, and Chinch Bugs which may be a threat to your yard and garden. Use 2 to 4 tablespoons per gallon of water. Spray border areas, but do not apply to edible crops not listed on this label.

#### TO PREVENT INFESTATION OF BUILDINGS

To control Ants, Centipedes, Crickets, Sowbugs (Pillbugs) and Spiders, treat a band of soil 12 to 18 inches around and adjacent to the building where pests are active and may find entrance. Mix one pint (16 fl. oz.) ESFENVALERATE CONCENTRATE in one gallon water and apply as a coarse, wet spray to 1,000 square feet of area.

#### STORAGE AND DISPOSAL

Store this product out of reach of children and domestic animals. Do not reuse container. Rinse container before discarding. Securely wrap original container in several layers of newspaper and discard in trash.

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. H. LILLY CO.  
PORTLAND, OREGON 97218  
EPA Reg. No. 802-  
EPA Est. 802-OR-1

PEST

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