



United States
 Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
 225239

Application for Pesticide - Section I

1. Company/Product Number 802-444	2. EPA Product Manager	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Miller's Multi-Use Diazinon Insect Spray	PM#	
5. Name and Address of Applicant (Include ZIP Code) The Chas. H. Lilly Co. 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.

Explanation: Use additional page(s) if necessary. (For section I and Section II.) Per PR Notice 95-2, reinstates pest previously approved for this registration, inadvertently deleted from last amendment application. The change is highlighted on the accompanying draft label.

Attached is certification for notification.

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
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	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 Neil Lange-Luttig	Title Registration & Regulatory Manager	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>Neil Lange-Luttig</i>	3. Title Registration & Regulatory Manager	
4. Type Name Neil Lange-Luttig	5. Date 9-13-95	

MILLER'S MULTI-USE DIAZINON INSECT SPRAY

297

This product must not be used on golf courses and sod farms. For outdoor use on the home lawn and home garden only.

Use on Vegetables, Flowers, Fruits and Nuts, Lawns
Controls Aphids, Mites, Leafhoppers and Many Other Common Garden Insects

(The following copy is to be used with the Hose 'n Go products)

Just Attach To A Garden Hose And Spray

Ready To Use

No Mixing Required

ACTIVE INGREDIENT:

Diazinon [0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate 25%

INERT INGREDIENTS* 75%

*Contains aromatic petroleum distillates.

Keep out of reach of children

CAUTION

See side panel for additional precautionary statements.

NET CONTENTS 1 QUART

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye injury. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not use inside the home. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not allow children or pets to go onto a treated area until the treated area, such as grass or soil, has dried. Do not contaminate ornamental fish ponds. Food utensils such as spoons and measuring cups must not be used for food purposes after use in measuring pesticides.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician immediately. DO NOT INDUCE VOMITING UNLESS OTHER TREATMENT IS NOT AVAILABLE. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give one or two glasses of water and insert finger in back of throat. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

If Inhaled: Remove to fresh air and apply artificial respiration if indicated. Get medical attention.

If On Skin: Wash promptly with soap and water. Rinse thoroughly. Get medical attention.

If In Eyes: Rinse eyes with plenty of water and call a physician immediately.

NOTE TO PHYSICIAN: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. This product contains aromatic petroleum distillates which may present an aspiration hazard. Gastric lavage may be indicated if product was taken internally.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. For lawns, where irrigation (watering) is recommended in the directions, or if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply at least 1/4 inch of water immediately after spraying this product, however, stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water. Runoff may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill, or store near heat or open flame.

DIAZINON INSECT SPRAY provides rapid kill and residual control of many insect pests on vegetables, flowers, fruits and lawns. Also controls soil insects in vegetable gardens.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Precautions. Wear a long-sleeved shirt and long-legged pants when spraying. Spray with the wind to your back. Do not spray on windy days. If clothing becomes wet from spray during use, remove clothing after spraying, wash affected body areas thoroughly with soap and water and launder clothing before wearing again.

SHAKE WELL BEFORE USING. Use clean sprayer. Flush sprayer with clean water after each use. Carefully measure and mix the amount of DIAZINON INSECT SPRAY and water as given in the specific directions below. Be sure to read all the directions and limitations for the particular plants and pests you intend to spray. Use coarse drenching spray for lawns and soil surface applications. Use

medium-fine spray for trees, shrubs, flowers and fruits. Obtain thorough coverage of plants. NOTES: Use contents within 6 months after opening (see Storage and Disposal directions). Do not use in the home. Do not use on ferns, poinsettias, hibiscus, papaya, pilea, gardenia and orchids since plant injury may occur. Use this product on succulent beans and peas only. Do not use on dried pea or bean varieties. Do not apply to food crops grown in greenhouses.

(Note: Only sites and pests listed at 2 tablespoons per 3 gallons water to be used on Hose 'n Go products.)

ORNAMENTAL TREES SHRUBS, ROSES AND OTHER FLOWERS

Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladioli, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Rose, Spruce, Willow.

To control Aphids, Apple-and-Thorn Skeletonizers, Bagworms, European Pine Shoot Moth, Flea Beetles, Holly Bud Moth, Dipterous Leafminers (Arborvitae, Azalea, Birch, Boxwood, Holly, Oak), Hemlock Chermes, Leafhoppers, Mealybugs, Mites (Carnation Bud and Shoot, Clover, Cyclamen, European Red, Privet, Two-spotted Spider), Oak Loopers, Oblique-banded Leafrollers, Obscure Root Weevils, Omniverous Leaf tiers, Pear Slugs, Scale Crawlers (Cottoncushion, Euonymus, Lecanium, Pine Needle, Pit, San Jose, Soft), Tent Caterpillars, Thrips, Webworms (Cotoneaster, Fall, Juniper, Mimosa), Whiteflies.

Use 2 tablespoons per 3 gallons of water. Apply as thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray. For Mimosa Webworms, apply when adults first appear. Make two additional applications at 4 to 5 week intervals.

FRUITS, BERRIES, AND NUTS

Almonds, Apricots (21), Caneberries - Blackberries, Boysenberries, Dewberries, Loganberries, and Raspberries (all 7), Cherries (21), Grapes (28), Melons - Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians and hybrids of these, and Watermelons (all 3), Nectarines (21), Peaches (21), Plums (21), Prunes (21), Strawberries (5), and Walnuts (45). The numbers in parenthesis next to each crop tell how many days to wait between the last spraying and harvest.

This product may be used on Almonds and Walnuts grown in California only and on Caneberries grown in California, Oregon, and Washington only. Do not apply when trees or substantial numbers of weeds in the orchard are in bloom.

To control Aphids, Cherry Fruitflies, Cherry Fruitworms (maggots), Grape Berry Moths, Leaf folders, Leafrollers, Leafhoppers, Mealybugs, Mites (Cherry Rust, Clover [brown], European Red, Spider, Two-spotted Spider), Raspberry Fruitworms, Scale Crawlers (Frosted, Italian Pear, Olive, Parlatoria, San Jose, Walnut), Thrips, Twig Borers.

Use 2 tablespoons per 3 gallons of water for all of the above crops except Grapes. For Grapes, use 4 1/2 teaspoons in 3 gallons of water. Start spraying after bloom, except for Almonds. Make first application when pests are first noticed. Repeat applications at 7 to 14 day intervals as indicated below. The numbers in parenthesis next to each crop tell how many days to wait between spraying and harvest.

For Almonds, apply as dormant spray only. For Walnuts, make no more than 3 applications 14 day intervals. Do not apply after husks open or split. On Almonds and Walnuts, do not apply more than 6 gallons of mixed spray per 500 square feet of orchard.

For Cherries, Plums, Prunes, and Strawberries, make no more than 3 applications per season at 7 day intervals. For Apricots, Nectarines, and Peaches make no more than 3 applications per season at 14 day intervals. For Grapes, make no more than 5 applications per season at 7 day intervals. Do not apply more than 3 gallons of mixed spray per 500 square feet of vineyard, or 4 gallons of mixed spray per 500 square feet of fruit orchard. On Strawberries, do not apply more than 3 gallons of mixed spray per 500 square feet of field.

For Caneberries, make no more than 5 applications per season at 14 days intervals. Do not apply more than 5 gallons of mixed spray to 500 square feet of field.

VEGETABLES - FOLIAR APPLICATION

Beans - Lima, Pole & Snap (7), Broccoli (7), Cabbage (21), Carrots (14), Cauliflower (7), Chinese Broccoli (10), Chinese Cabbage (10), Collards (10), Cucumbers (7), Endive/Escarole (14), Kale (10), Lettuce (14), Onions - Bulb and Green (14), Parsnips (14), Peas (7), Peppers (5), Potatoes (35), Radishes (14), Spinach (14), Summer Squash (7), Winter Squash (3), Sweet Corn (7), Tomatoes (1), Turnips and Turnip Tops (14). The numbers in parenthesis next to each crop tell how many days to wait between the last spraying and harvest.

To control Aphids, Colorado Potato Beetles, Cucumber Beetles, Diamondback Moths, Dipierous Leafminers, Fall Armyworms, Flea Beetles, Grasshoppers, Imported Cabbageworms, Leafhoppers, Mexican Bean Beetles, Southern Armyworms, Spider Mites, Thrips, Vinegar Flies (*Drosophila* spp.). Use 2 tablespoons per 3 gallons of water to cover 1,000 sq. ft. of garden. Thoroughly spray all plant parts. Repeat applications at 7 day intervals as necessary. The numbers in parenthesis next to each crop tell how many days to wait between spraying and harvest. Do not apply to food crops grown in greenhouses.

Note: For Vegetables, except Beans, Peas, and Radishes, do not make more than 5 applications per season. For Beans, Peas, and Radishes, make no more than 3 applications per season. For use on succulent bean or pea varieties only, do not apply to dried bean varieties such as pinto beans or dried limas or to dried pea varieties such as split peas or dried black eyed peas. Resistant leafminers will not be controlled by diazinon or similar type insecticides. To protect bees, do not apply if the crop or weeds in the treatment area are in bloom. Do not apply to sweet corn during the pollen shed period.

VEGETABLES - SOIL TREATMENT

Beans (Lima, Pole & Snap), Beets, Cabbage, Carrots, Lettuce, Peas, Radishes, Sweet Corn, Tomatoes, Turnips.

Note: For use on succulent bean or pea varieties only, do not apply to dried bean varieties such as pinto beans or dried limas or to dried pea varieties such as split peas or dried black eyed peas.

To control Cutworms (surface and subterranean), Root Maggots, Wireworms. Use 6 tablespoons in a minimum of 1 1/2 gallons water per 500 sq. ft. of garden soil surface. Spray onto soil surface just before planting. Work into the soil to a depth of up to 6 inches.

To Control Mole Crickets. Use 2 tablespoons in a minimum of 1 1/2 gallons of water per 500 sq. ft. of garden soil surface. Spray onto the soil surface 1 to 2 days before planting. Immediately work into the soil to a depth of up to 2 inches.

LAWNS - Bent, Bermuda, Bluegrass, Dichondra, Fescue, Merion and St. Augustinegrass.

To control Ants*, Armyworms, Bermudagrass Mites, Billbugs*, Brown Dog Ticks*, Clover Mites, Chiggers, Chinch Bugs*, Crickets, Cutworms, Digger Wasps*, Earwigs, European Crane Fly Larvae, Fleas, Hyperodes Weevils*, Leafhoppers, Millipedes, Rhodesgrass Scales*, Sod Webworms (Lawn Moths), Sowbugs (Pillbugs), Springtails (Collembola), and White Grubs* (Japanese Beetle, European Chafer, Southern Chafer).

Use 1 1/2 tablespoons in 3 gallons of water to cover 125 sq. ft. of lawn (3/4 cup in 24 gallons water to cover 1,000 sq. ft.) Thoroughly water lawn before treatment.

*For Ants and Digger Wasps, spot spray ant hills and wasp ground nest openings. For Digger Wasps, apply at dusk, when wasps are not active. For Billbugs, apply when activity is first noticed or when chewed or brown grass is present indicating damage from insects. In the North, when Chinch Bugs are the only problem, use a lower rate of application: 3 teaspoons in 3 gallons of water to cover 125 sq. ft. of lawn. For Brown Dog Ticks, spray grass and under shrubbery, particularly near house. Do not apply this product to animals. For Hyperodes Weevil, treat problem areas in mid-April and again in mid-May. Water grass thoroughly after application. For Rhodesgrass Scales, apply when crawlers first emerge. For White Grubs, apply any time between late July and early October. Water grass thoroughly after application.

NUISANCE PEST CONTROL IN OUTDOOR AREAS

To control Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (Collembola).

Use 6 fl. oz. (3/4 cup) in 3 gallons of water. Thoroughly spray window and door frames and sills, screens, porch or patio walls, foundations, cracks, crevices, garbage cans, tree trunks, and other places where insects may hide or gather. Do not spray plants, other than tree trunks, with this dosage. Do not treat animals. To prevent entry into houses, spray a five-foot band of soil around the house and the exterior foundation to a height of 2 to 3 feet. Repeat as necessary.

To aid in the control of Fire Ants.

Use 2 tablespoons in 1 gallon of water. Apply as drench over and 6 inches around each mound. Apply gently to avoid disturbing ants. High pressure sprays may disturb ants and cause migration, reducing product effectiveness. Reapply as necessary. For best results, apply in cool weather (65 to 80 degrees F) or in early morning or late evening hours. Treat new mounds as they appear.

HOW TO USE: SHAKE WELL BEFORE USING

(Directions for hose-end sprayer calibrated to deliver 2 tablespoons product per 3 gallons water.)

1. Connect spray nozzle to garden hose. Be sure valve is in "off" position.
2. Remove bottle cap and screw bottle onto nozzle. Turn on water.
3. Switch/turn valve to "on" position to start flow of water. Use valve to shut off flow of water at any time.
4. Spray directly over area requiring application evenly and uniformly.

STORAGE AND DISPOSAL

Storage: Do not store near heat or open flame. Store this product in its original container and keep in a locked storage area out of reach of children and domestic animals. USE CONTENTS WITHIN 6 MONTHS AFTER OPENING. Disposal: Do not reuse container. Thoroughly rinse container, securely wrapping it in several layers of newspaper and discard in trash. If disposal of a partially full container is necessary make sure cap is tightly closed, securely wrap the 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 when such use and/or handling is contrary to label instructions

THE CHAS. H. LILLY CO.
PORTLAND, OREGON 97283
EPA Est. 802-OR-1
EPA Reg. No. 802-444
35444