

Please read instructions on reverse before completing form.

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



United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460
Application for Pesticide:

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

OPP Identifier Number
181287

Section I

1. Company/Product Number 2935-83	2. EPA Product Manager D. Edwards	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Wilbur-Ellis Malathion 8 Spray	PM# 19	
5. Name and Address of Applicant (Include ZIP Code) WILBUR-ELLIS Company 191 W. Shaw Avenue Suite 107 Fresno, CA 93704 <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.)

Change to labeling statement prohibiting application to water. The exact wording from PR Notice 93-3 has been used.

**NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 93-3**

DATE: 8/13/93

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
	If "Yes," Unit Package wgt.	No. per container.	If "Yes," Package wgt.	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) of Retail Container 1, 5 & 30 gallon		5. Location of Label Directions <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input checked="" 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 Joanne Pratt	Title Product Registration and Labeling Specialist	Telephone No. (Include Area Code) (209) 226-1934
2. Signature <i>Joanne Pratt</i>		6. Date Application Received (Stamped)
3. Title Product Registration and Labeling Specialist		
4. Typed Name Joanne Pratt		
5. Date July 8, 1993		

SPECIMEN LABEL

NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 88-8

DATE 8/3/93

Wilbur-Ellis

Malathion 8 Spray

NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 88-8

DATE _____

ACTIVE INGREDIENTS:	
Malathion	61.2%
INERT INGREDIENTS:	
Xylene Range Aromatic Solvent.....	18.6%
TOTAL 100.0%	
*O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate	
EPA Reg. No. 2935-83-ZA	Eat No 2935-CA-1

KEEP OUT OF REACH OF CHILDREN!

CAUTION:

NOT FOR USE OR STORAGE IN OR AROUND THE HOME

SEE SIDE PANEL FOR ANTIDOTE AND PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with skin. Wash thoroughly after using. Avoid breathing of spray mist. Avoid contamination of food and feedstuffs. Keep out of reach of children.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Induce vomiting by sticking finger down throat. Never give anything by mouth to an unconscious person. Get medical attention.

If In Eyes: Wash eyes with plenty of clear water for at least 15 minutes. Get medical attention.

Harmful if Swallowed: Avoid breathing dust. May cause irritation of nose, throat or skin. Avoid contact with eyes, skin and clothing.

Harm to Poultry: This product may cause cholinesterase inhibition. Atropine is antidote. 2-PAM may be effective as an adjunct to atropine.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water or wetlands (i.e., swamps, bays, marshes and estuaries). Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or other if to drift to blooming crops or weeds if bees are visiting the treatment area.

CHEMICAL AND PHYSICAL HAZARDS

Keep container closed and away from heat and open flame. Do not combine emulsifiable liquids with volatile products in the same spray tank unless previous use of the materials being combined has proven them to be physically compatible.

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should specify protective clothing, areas or fields that cannot be entered without the clothing, period of time area is to be vacated, and statement of practical treatment (see above) in case of exposure. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Warnings must include the following information: Caution. Area treated with Malathion on (date of application). Do not enter without appropriate protective clothing until sprays have dried. (Insert here action to take in case of accidental exposure - see above.)

31502

NET CONTENTS

Wilbur-Ellis

P.O. BOX 16458 • FRESNO, CA 93755

STORAGE AND DISPOSAL

- 1. PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal.
- 2. PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
- 3. CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.
- 4. STORAGE:** Store in original container only and keep sealed. Store in closed storage areas. Use caution when moving, opening, closing or pouring.

See Attached Use Label For Specific Crop Recommendations

F-1188

NOTICE: The statements made on this label are believed to be true and accurate, but because of conditions of use which are beyond our control, WILBUR-ELLIS COMPANY does not make, nor does it authorize any agent or representative to make, any warranty, guaranty or representation, expressed or implied, concerning this material or the use thereof, except in conformity with the statements on the label. Neither WILBUR-ELLIS COMPANY nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material, not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

RQ, MALATHION SOLUTION



NA 2783

In Case of Emergency, Call CHEMTREC: (800) 424-9300

COPY A

INSECTICIDES

SPECIMEN LABEL

Wilbur-Ellis

Ideas to grow with™

Malathion 8 Spray

ACTIVE INGREDIENTS:

Malathion 81.2%
INERT INGREDIENTS: 18.8%
Xylene Range Aromatic Solvent 8.8%

*O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate TOTAL 100%
E.P.A. Reg. No. 2935-83-ZA EPA Est. No. 2935-CA-1

**KEEP OUT OF REACH OF CHILDREN
CAUTION:**

Observe Precautions on Container Label.
NOT FOR USE OR STORAGE IN OR AROUND HOME.

DIRECTIONS FOR USE

Apply specified rate per acre in sufficient water to thoroughly cover plant surfaces with ground driven equipment or aircraft. When applied by air use a minimum of 5 gallons of water per acre — by ground a minimum of 10 gallons per acre.

RECOMMENDATIONS FOR USE

ALFALFA & CLOVER: Use 1 1/2 pts. per acre to control APHIDS, LEAFHOPPERS, GRASSHOPPERS, SPIDER MITES, LYGUS BUGS, SPITTLEBUG, ALFALFA WEEVIL LARVAE and ARMYWORMS. For SPOTTED ALFALFA APHID use 1/2 to 1 pint per acre by ground equipment and 1 to 1 1/2 pints per 5 to 10 gals. of water per acre by airplane. Do not apply on alfalfa and clover in bloom. No time limitation.

ALMONDS: For control of APHIDS and PEACH TWIG BORER, use 2 to 4 pints per acre in 500 gallons of water. No time interval between last application and harvest.

APPLES, APRICOTS, AVOCADOS, CHERRIES, FIGS, NECTARINES, PEACHES, PEARS, PECANS, PLUMS, PRUNES AND QUINCES: Use 1 to 1 1/2 pts. per 100 gals. of water to control APHIDS, THRIPS, SPIDER MITES, MEALYBUGS, CODLING MOTH, EYE-SPOTTED MOTH, PLUM CURCULIO, CHERRY FRUIT FLY, PEAR PSYLLA, SCALE CRAWLERS, LEAFHOPPERS and ORANGE TORTRIX. For control of DRIED FRUIT BEETLES and WINEGAR FLIES on figs apply 2 1/2 pts. plus 1 to 2 gals. of unsulfured molasses per acre. For WILLAMETTE MITE and TWO-SPOTTED MITES on apples make at least 2 applications 10 to 12 days apart in summer months. For SCALE on peaches apply to completion of hatching, about last of June. For CHERRY FRUIT FLY repeat applications every 10 days. Injury may occur to McIntosh and Courtland varieties of apples in summer sprays; and to certain varieties of sweet cherries particularly in the Northwest, and fruit spotting may occur on nectarines. Do not apply within 1 day of harvest on pears; within 3 days on apples, cherries, figs, plums, prunes and quinces; within 7 days on apricots, avocados, nectarines & peaches. No limitation on Pecans.

ASPARAGUS, BEETS, CARROTS, DANDELIONS, EGGPLANT, ENDIVE, GARLIC, LEEKS, PARSLEY, PARSNIPS, PEAS, PEPPERS, SALISFY, SHALLOTS, SPINACH, SWISS CHARD & WATER-CRESS: Use 1/2 to 1 pt. per acre to control APHIDS, SPIDER MITES, THRIPS, LEAFHOPPERS, ASPARAGUS BEETLE, PEA WEEVIL and MEXICAN BEAN BEETLE. Do not apply within 1 day of harvest on Asparagus; within 3 days on Garlic, Eggplant, Leeks, Peas, Peppers and Shallots; within 7 days on Beets, Carrots, Dandelions, Endive, Parsnips, Salisfy, Swiss Chard, Spinach, Watercress and within 21 days on Parsley.

BEANS: For the control of APHIDS, SPIDER MITES, THRIPS, LEAFHOPPERS, ASPARAGUS BEETLE, PEA WEEVIL and MEXICAN BEAN BEETLE use 1 to 1 1/2 pints per acre by ground or air application. Do not apply within 1 day of harvest.

BERRIES, CANE BERRIES (Blackberries, Boysenberries, Dewberries, Loganberries and Raspberries), CRANBERRIES & STRAWBERRIES: Use 1 1/2 to 2 pts. per acre to control APHIDS, THRIPS, SPIDER MITES, WHITEFLIES, LEAFHOPPERS, ROSE SCALE, LYGUS BUGS, SPITTLEBUGS, LEAFROLLERS, BACKHEADED FIREWORMS and STRAWBERRY ROOT WEEVIL. For STRAWBERRY ROOT WEEVIL apply to soil surface before planting and work into top 6 to 8 inches. Do not apply within 3 days of harvest on Cranberries and Strawberries and within 1 day on Caneberries.

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, KALE, MUSTARD GREENS, TURNIPS: Use 1 to 2 pts. per acre to control APHIDS, IMPORTED CABBAGEWORM & CABBAGE LOOPER. Do not apply within 7 days of harvest on Brussels Sprouts, Cabbage, Kale, Mustard Greens and within 3 days on Broccoli and Turnips.

CANTALOUPES, SQUASH, MELONS: For control of APHIDS, LEAFHOPPERS, PICKLEWORM, SPIDER MITES, CUCUMBER BEETLES, use 1 1/2 to 1 3/4 pints per acre by ground or air application. Do not apply within 3 days of harvest on cantaloupes and melons, 1 day on squash.

CELERY & CUCUMBERS: Use 1 1/2 pts. per acre to control APHIDS, SPIDER MITES, and CUCUMBER BEETLE. Do not apply within 7 days of harvest on Celery or within 1 day of harvest on Cucumbers.

CITRUS: (GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGERINES, TANGELOS & KUMQUATS): Use 1 to 2 pts. per 100 gals. of water to control APHIDS & SCALE CRAWLERS. Use 2 1/2 pts. per 200 gals. of water to control THRIPS. Do not apply when trees are in bloom. Do not apply within 7 days of harvest.

COTTON: Use 1-4 pts. per acre to control BOLLWEEVILS, COTTON APHID, LEAFHOPPERS, WHITE FLIES, COTTON LEAF PERFORATOR, COTTON LEAFWORM, THRIPS and LYGUS BUGS. In California do not use more than 1 pt. per acre. No time limitation.

DATES: (Not for use in California) Use 1 pt. per acre by air or ground application to control NITIDULID BEETLES. Do not apply within 7 days of harvest.

GRAPES: Use 1 1/2 to 2 1/2 pts. per acre to control GRAPE LEAFHOPPERS, MEALYBUGS and SPIDER MITES. Injury may occur to Ribier Italia, Cardinal and Almeria grape varieties when Malathion is applied after the clusters appear. Do not apply within 3 days of harvest.

RECOMMENDATIONS FOR USE (cont.)

LENTILS: (Not for use in California) Use 1 pint per acre to control APHIDS. Do not apply within 3 days of harvest.

LETTUCE: Use 1 to 2 pts. per acre to control APHIDS and LEAFHOPPERS. Do not apply within 7 days on Head Lettuce and within 14 days on Leaf Lettuce.

MOSQUITO LARVAE: Apply 8 fluid ozs. per acre to standing water (intermittently flooded areas, stagnant water, temporary rain pools).

ADULT MOSQUITO & FLY CONTROL: Apply 7.2 to 8.6 fluid ozs. per acre for control of ADULT FLIES and MOSQUITOES. Repeat as necessary. Can be applied to alfalfa, clover, pasture and range grass, grass hay, grain crops, beans, rice, tomatoes and non-agricultural lands. Do not apply within 7 days of harvest on grain crops and rice; 5 days of harvest on corn; 1 day of harvest on beets and tomatoes. No time limitation on alfalfa, clover, pasture and range grass, grass and grass hay. Do not apply to alfalfa and clover in bloom. Do not use on seed alfalfa. Treat shrubbery and vegetation where mosquitoes may result. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated.

WILBUR-ELLIS MALATHION 8 SPRAY can be applied as a dilute or low volume spray. For low volume spray, apply 0.5 to 5 gallons of water per acre. For dilute recommendations, consult the label.

Repeat applications should be made as necessary unless otherwise specified.

Undiluted spray droplets of Malathion will permanently damage automobile paint. Cars should not be sprayed. If accidental exposure does occur, the car should be washed immediately.

To be applied only by trained personnel of Public Health Organizations, Mosquito Abatement Districts, Public Mosquito Control Programs and Professional Pest Control Operators.

MUSHROOMS: Use 1 1/2 pts. per 130 gals. of water per acre of 1 1/2 lbs. in 3 gals. water per 1000 sq. ft. of bed to control SPIDER MITES, PHORID FLIES and SCIARID FLIES. Make thorough applications as soon after picking as possible. Repeat applications as necessary, usually twice a week. Do not apply within 1 day of picking.

ONIONS: Use 1 1/2 pts. per acre to control THRIPS. Do not apply within 3 days of harvest.

ORNAMENTALS: (Not for use in California) Use 1 pt. per acre to control APHIDS, SPIDER MITES, WHITEFLY, MEALYBUGS, THRIPS, and LEAFHOPPERS. Use 1 1/2 pt. per acre to control TENT CATERPILLAR, JUNIPER SCALE, FLETCHER SCALE, FLORIDA RED SCALE, PINE LEAF SCALE, and OAK KERMES. Use 1 1/2 pt. per acre to control MONTEREY PINE SCALE and SOFT SCALE. Repeat as necessary to control fritted scales — apply thorough full coverage spray at time scale crawlers have settled on foliage. Do not use on Boston, Maidenhair and Pteris Ferns, and some species of Crassula.

PEPPERMINT & SPEARMINT: Use 1 pt. per acre to control APHIDS, SPIDER MITES, FLEA BEETLE ADULTS and LEAFHOPPERS. Do not apply within 7 days of cutting.

POTATOES & TOMATOES: Use 1 to 1 1/2 pts. per acre to control APHIDS, LEAFHOPPERS, FALSE CHINCH BUG and SPIDER MITES. Do not apply within 1 day of harvest on Tomatoes and no limitation on Potatoes. Calif. only: For the control of TOMATO FRUITWORM use 3 1/2 pts. per acre on Tomatoes. When the 3 1/2 pt. rate is used, do not apply within 5 days of harvest.

RICE (Grain Form): Use 1 1/2 pts. per acre to control RICE LEAF MINER. Make first application shortly after the first rice plants appear on the surface of the water. Do not apply within 7 days of harvest.

SAFFLOWER: Use 1 1/2 pts. per acre to control APHIDS, LYGUS BUGS and GRASSHOPPERS. Do not apply within 3 days of harvest.

SMALL GRAINS (Barley, Oats, Rye & Wheat): Use 1 1/2 pt. per acre to control APHIDS and ARMYWORMS. Do not apply within 7 days of harvest.

STORED GRAINS (Barley, Corn, Grain Sorghum, Oats, Rice, Rye, Sunflower and Wheat): (Not for use in California) For control of RED FLOUR BEETLE, INDIAN MEAL MOTH, CONFUSED FLOUR BEETLE, RICE WEEVIL, FLAT GRAM BEETLE, RUSTY GRAM BEETLE, LESSER GRAM BORER, GRANARY WEEVIL, and SAW-TOOTHED GRAM BEETLE, use Wilbur-Ellis Malathion 8 Spray at the rate of 1/2 pint in 2 to 5 gallons of water to each 1000 bushels of the grain. Apply as grain is being loaded or turned into final storage. Field and garden seeds can be protected against the above grain pests with a dosage of 1/2 pint of Wilbur-Ellis Malathion 8 Spray in 1 to 2 1/2 gallons of water per 500 bushels of seed.

To protect stored grains from attack by INDIAN MEAL MOTHS, apply to the surface of clean or unclean grain 1/2 pint of Wilbur-Ellis Malathion 8 Spray in 1 to 2 gallons of water per 1000 square feet of grain surface area. Apply the spray evenly over the surface of the grain. Apply immediately after grain is loaded into storage and repeat if necessary.

For residual wall, floor, and machinery spray in grain elevators, in treating truck beds, box cars, and ships' holds before loading grain, apply 1/2 gallon of Wilbur-Ellis Malathion 8 Spray per 25 gallons of water making thorough application. Before applying spray, clean elevators and box cars thoroughly. Remove and burn all sweepings and debris. When applying in ships' holds, wear protective clothing to minimize skin exposure. Wear a respirator approved by NIOSH for liquid malathion.

SUGAR BEETS: Use 1 to 2 pts. per acre to control BEET ARMYWORM and YELLOW STRIPED ARMYWORM. Do not apply within 3 days of harvest.

Wilbur-Ellis

Ideas to grow with™

P.O. BOX 16458 • FRESNO, CA 93755

Copy A

"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."

