


PM 14 228-68

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Please read instructions on reverse before completing form.

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

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number 196220
	Application for Pesticide:		

Section I

1. Company/Product Number 228-68	2. EPA Product Manager R. Forrest	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Riverdale Malathion 5	PM# 14	
5. Name and Address of Applicant (Include ZIP Code) RIVERDALE CHEMICAL COMPANY 425 West 194th Street Glenwood, IL 60425-1584 <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.)

To comply with PR Notice 93-3

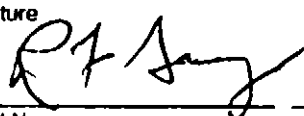
BEST AVAILABLE COPY

NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 93-3
DATE 7/1/93

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
	If "Yes," Unit Package 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) 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 Russell F. Sawyer	Title Regulatory Affairs Manager	Telephone No. (Include Area Code) 708/754-3330
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 (Stamp, etc.)
2. Signature 	3. Title Regulatory Affairs Manager	
4. Typed Name Russell F. Sawyer	5. Date June 4, 1993	

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RIVERDALE
MALATHION 5

ACTIVE INGREDIENTS:

*Malathion	57%
Methylated Naphthalenes	35%
INERT INGREDIENTS:	8%
TOTAL	100%

(Contains 5 lbs. premium grade Malathion per gal.)
*O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE ADDITIONAL PRECAUTIONS ON SIDE PANEL

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Always store pesticides in a secured warehouse or storage building. Do not store near seeds, fertilizers, insecticides or fungicides. Keep containers closed and away from heat, sparks and open flame. Containers should be opened in well-ventilated areas. If container is damaged or if pesticide has leaked, contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed labeled container for proper disposal.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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.

NET CONTENTS GAL.

EPA REG. NO. 228-68

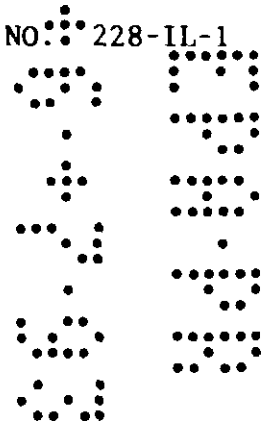
EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

Revised A/O 3/9/93



PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid prolonged breathing of spray mists. Avoid repeated or prolonged contact with the skin. Wash with soap and water after using Malathion. Wash clothing with soap and water before reuse. Avoid contamination of feed and foodstuffs. Keep out of reach of children and domestic animals. If accidental poisoning occurs get prompt medical attention

NOTE TO PHYSICIAN: Malathion cause cholinesterase inhibition. Intra muscular atropine USP is the antidote.

ENVIRONMENTAL HAZARDS

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

This product is toxic to fish, shrimp, crab and other aquatic organisms. 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 apply where runoff is likely to occur.

Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

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 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.

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. Warnings should state "Do not enter treated areas unless wearing chemical resistant, full body clothing including NIOSH approved respirator, goggles, and gloves until sprays have dried". When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is a reason to believe that written warnings cannot be understood by workers. Written 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. In case of accidental exposure follow precautionary statements on label.

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DIRECTIONS FOR USE

The following are general recommendations for the use of Riverdale Malathion 5 for home and garden use. THE RECOMMENDATIONS ARE BASED ON MAKING 1 GALLON OF SPRAY, SPRAY THOROUGHLY AND REPEAT APPLICATIONS AS NECESSARY.

VEGETABLE APPLICATIONS

CELERY - For aphids and spider mites use 1 teaspoonful, 1 pint per acre. Do not apply later than 7 days before harvest.

BEANS - Use 1 teaspoonful, 1 pint per acre, for leafhoppers, Mexican bean beetle, and spider mites. Do not apply later than 1 day before harvest.

BEETS, BRUSSELS SPROUTS - For aphids use 2 teaspoonfuls, 2 pints per acre. Do not apply later than 7 days before harvest.

CABBAGE, BROCCOLI, TURNIP, KALE AND MUSTARD - Use 1 teaspoonful, 2 pint per acre, for aphids, imported cabbage worms, and cabbage loopers. Do not apply later than 7 days before harvest. In the case of Broccoli and Turnip, not later than 3 days before harvest.

CUCUMBERS, SQUASH AND MELONS - For aphids and spider mites use 1 teaspoonful, 1 pint per acre. Do not apply to cucurbits unless plants are dry, and not later than 1 day before harvest.

EGGPLANT - Use 1 teaspoonful for aphids and spider mites. For lace bugs use 3 teaspoonfuls, 3 pints per acre. Do not apply later than 3 days before harvest.

LETTUCE, SPINACH - For aphids and leafhoppers use 2 teaspoonfuls, 2 pints per acre. Do not apply later than 14 days before harvest, 7 days for Head Lettuce and Spinach.

ONIONS - For onion thrips use 1 teaspoonful, 1 pint per acre. Do not apply later than 3 days before harvest.

PEAS, PEPPERS, RUTABAGAS - Use 1 teaspoonful, 1 pint per acre, for aphids. Do not apply later than 3 days before harvest.

POTATOES - For aphids and leafhoppers use 1 teaspoonful, 1 pint per acre.

TOMATOES - For aphids and spider mites use 1 teaspoonful, 1 pint per acre. Do not apply later than 3 days before harvest.

FRUIT INSECTS

APPLES - To control aphids, bud moth, forbes scale, codling moth, plum curculio, red-banded leaf roller and spider mites, use 2 teaspoonfuls in 1 gallon of water. Do not apply later than 3 days before harvest. This product may injure McIntosh and Cortland varieties in summer sprays.

GRAPES - For leaf hoppers, spider mites, mealybugs, use 1 teaspoonfuls in 1 gallon of water. Do not apply later than 3 days before harvesting. May cause injury to foliage on some varieties.

CHERRIES - Use 1 teaspoonful in 1 gallon of water, for black cherry aphids and fruit tree leaf rollers. Do not apply later than 3 days before harvest. May injury foliage on some varieties.

PEARS - To control codling moth, fruit tree leaf roller, pear psylla, plum curculio and red-banded leaf roller, use 2 teaspoonfuls in 1 gallon of water. Do not apply later than 1 day before harvest. May cause injury on Bosc pears under certain conditions in the Northeast.

PEACHES - For spider mites, oriental fruit moth, and plum curculio, use 2 teaspoonfuls in 1 gallon of water. Do not apply later than 7 days before harvest.

PLUMS AND PRUNES - For mealy plum aphids, use 1 teaspoonful in 1 gallon of water. Do not apply later than 3 days before harvest.

STRAWBERRIES - To control spider mites and aphids use 1 teaspoonful in 1 gallon of water. Do not apply later than 3 days before harvest.

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FIELD CROPS

Dosages given are for coverage of 1 acre in sufficient water for good coverage - usually a minimum of 20 gallons.

CLOVER-ALFALFA - To control aphids, potato leafhopper, spider mites, alfalfa weevil larvae and spittlebug, use 1½-2 pints. Do not apply to alfalfa or clover in bloom. Do not apply within 7 days of harvest or pasturing. Make repeat applications as needed.

BARLEY, CORN, OATS, WHEAT, RYE - To control cereal leaf beetle, English grain aphid, greenbugs, armyworms, young grasshoppers, use 1½ pints in sufficient water to cover 1 acre. Make no application on barley, oats, wheat and rye within 7 days of harvest or forage use. No application on corn within 5 days of harvest or forage use.

STORED GRAIN CONTROL - To control r flour beetle, saw-toothed grain beetle, confused flour beetle, rusty grain beetle, rice weevil, granary weevil, lesser grain borer, Indian meal moth and flat grain beetle, apply 1 pint in 2-5 gallons water per 1,000 bushels of grain.

APPLICATION IN STORAGE BINS - Use ½ pint in 1 gallon of water per 1,000 square feet of clean, uninfested grain. Apply evenly over the surface and immediately after grain is loaded into storage. Repeat if necessary; as a residual spray on walls, floors and machinery, grain elevators, truck beds, box cars and ships' holds before loading grain, apply 1 gallon in 25 gallons water making a thorough application. Before application, clean storage area thoroughly. Remove and burn all sweepings and debris.

ORNAMENTAL INSECTS

For use on flowers, shrubs and shade trees. To control aphids, birch leaf miners, flour-lined leaf bug, Japanese beetle adults, lace bugs, leafhoppers, mealybugs, tarnished plant bugs, thrips, Whitefly, and European pine shoot moth, use 1 teaspoonful in 1 gallon of water.

To control bagworms, boxwood leaf miners, oak kermes, tent caterpillar, azalea scale, black scale, crawlers euonymus scale, fletcher scale, juniper scale, leaf scale, magnolia scale, oyster shell scale, scruffy scale, soft brown scale and spider mites, use 2 teaspoonfuls in 1 gallon of water.

Use 4 teaspoonfuls in 1 gallon of water for the pine needle scale.

Injury may occur on certain ferns and some species of crassula.

HOUSEHOLD INSECTS

Use 3 tablespoonfuls of this product in 1 quart of water and apply as a coarse spray or brush on window sills, baseboards, drainboards, under sinks and stoves, cracks and crevices, to control roaches, ants, spiders, silverfish, crickets, clover mites and earwigs. Use as spot treatment only.

Be careful not to contaminate food or utensils. Water base sprays may strain finished surfaces. Repeat applications as necessary.

ANIMAL PESTS

For fleas on dogs and cats, use 2 oz. of this concentrate in 1 gallon of water. Use a hand sprayer and wet animal thoroughly. Animals that are not confined should be re-examined closely every 3 weeks or so, and treated if needed.

For animal quarters, use 1½ oz. in 1 quart of water and spray under porches, bins, garages and kennels, etc.

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.

(PR933 042194)