

PM 14 008-274

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Please read instructions on reverse before completing form.

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

<b>(A)</b> 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC. 20460 <b>Application for Pesticide:</b>	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number  <b>196268</b>

**Section I**

<b>1. Company/Product Number</b> 228-274	<b>2. EPA Product Manager</b> R. Forrest	<b>3. Proposed Classification</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4. Company/Product (Name)</b> Riverdale ULV Malathion 95	<b>PM#</b> 14	
<b>5. Name and Address of Applicant (Include ZIP Code)</b> RIVERDALE CHEMICAL COMPANY 425 West 194th Street Glenwood, IL 60425-1584 <input type="checkbox"/> Check if this is a new address.		<b>6. Expedited Review.</b> 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"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - explain below.
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**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

To comply with PR Notice 93-3

**NOTIFICATION**  
**LABEL NOT REVIEWED**  
**PER PR NOTICE 93-3**  
**DATE 7/12/93**

**Section III**

<b>1. Material This Product Will Be Packaged In:</b>				<b>2. Type of Container</b>	
<b>Child-Resistant Packaging</b> <input type="checkbox"/> Yes* <input type="checkbox"/> No	<b>Unit Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Water Soluble Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	If "Yes," Unit Package wgt.    No. per container	If "Yes," Package wgt.    No. per container
* Certification must be submitted.					
<b>3. Location of Net Contents Information</b> <input type="checkbox"/> Label <input type="checkbox"/> Container		<b>4. Size(s) of Retail Container</b>		<b>5. Location of Label Directions</b> <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
<b>6. Manner in Which Label Is Affixed To Product</b> <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other ( _____ )					

**Section IV**

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>			
<b>Name</b> Russell F. Sawyer	<b>Title</b> Regulatory Affairs Manager	<b>Telephone No. (Include Area Code)</b> 708/754-3330	
<b>Certification</b> 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.			<b>6. Date Application Received (Stamped)</b>  <div style="border: 1px solid black; width: 50px; height: 50px; margin: 10px auto;"></div>
<b>2. Signature</b> 		<b>3. Title</b> Regulatory Affairs Manager	
<b>4. Typed Name</b> Russell F. Sawyer		<b>5. Date</b> June 28, 1993	

RIVERDALE

ULV MALATHION 95

A Premium Grade Malathion For Ultra Low Volume Application

An Insecticide and Miticide For Use on Listed Vegetables,  
Fruits, Field Crops, and Ornamentals.

ACTIVE INGREDIENT:

Malathion: O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate .. 95.0%

INERT INGREDIENTS: ..... .5.0%  
TOTAL ..... 100.0%

This product contains 9.79 lbs. Malathion per gal.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS  
AND STATEMENT OF PRACTICAL TREATMENT

NET CONTENTS      GAL.

EPA REG. NO. 228-274

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

NOTIFICATION  
LABEL NOT REVIEWED  
PER FR NOTICE 02-0  
DATE 7/12/93

(Right Side Panel)

PRECAUTIONARY STATEMENTS

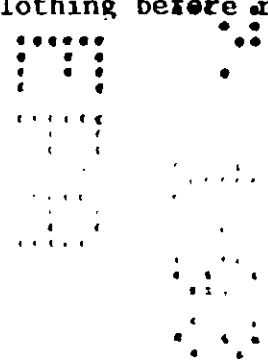
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Causes eye irritation. Do not get in eyes, on skin or clothing. Wash skin thoroughly after handling. Remove and wash contaminated clothing before reuse. Avoid contamination of feed and foodstuff.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.



## STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Get medical attention!  
IN CASE OF EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.  
IF ON SKIN: Remove contaminated clothing and wash with soap and water.  
IF INHALED: Remove victim to fresh air.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crabs 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 direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

## RE-ENTRY STATEMENT

Do not apply malathion 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 the workers who are expected to be in treated area or in an area to be treated with this product. 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. Written or oral warnings must include the following information: "CAUTION, Area to be treated with malathion date of application. Do not enter without appropriate protective clothing until sprays have dried." Or in the case of citrus, grapes, nectarines and peaches, "Do not enter treated areas to perform activities that involve substantial or prolonged contact with treated foliage for 1 day."

ULV Malathion 95 is used undiluted in specially designed aircraft or ground equipment capable of applying ultra low volumes for control of the insects indicated below. Aerial applications are most effective when made at a boom height of 5 feet and a swath width of 50 feet. Do not make application when winds exceed 5 mph.

Mist blowers and boom sprayers utilizing a controlled air flow to facilitate particle size and spray deposition may be used at a vehicle speed of 4 to 10 mph.

Mist blowers with a pump capable of producing up to 40 psi and blower speeds of 2600 rpm are satisfactory. Use flat fan nozzles, 8001 to 8002, placed 30° into air blast of rotary atomizers into the air blast that produce an efficient spray particle with a mass medium diameter of 40 to 100 microns. Swath widths should not exceed 30 feet, and applications should not be made when winds exceed 5 mph.

Boom sprayers with a filtered rotary air compressor either PTO or gas engine driven or an air pump capable of producing at least 12 psi are satisfactory. Use air pressure on chemical tanks and an accurate metering valve to assure a calibrated flow of the liquid mixture. Pneumatic-type spray nozzles, as suggested by equipment manufacturer, should be used for spray particles with mass medium diameter of 30 to 100 microns. Applications should not be made when winds exceed 5 mph.

Repeat applications should be made as necessary unless otherwise specified.

Consult your state experiment station or state extension service for proper timing of sprays.

**ALFALFA & CLOVER:** To control Grasshoppers, Alfalfa weevil larvae, and Armyworms, use 8 fluid oz. of ULV Malathion 95 per acre. Treat in Spring when crop is 2-6 inches high or when infestation is noticed. Do not apply during full bloom. No time limitation required between treatment and harvest provided treatment does not exceed 8 oz. per acre. In case of severe infestation, use 8-16 fluid ounces of ULV Malathion 95 per acre. When using more than 8 oz. per acre, allow 5 days between treatment and harvest.

**BARLEY, OATS, RYE, WHEAT:** To control Cereal leaf beetle, use 4-8 fluid oz. of days of harvest or grazing.

**BEANS (LIMA, GREEN, SNAP, NAVY, RED KIDNEY, WAX, DRY, BLACK EYE):** To control Mexican bean beetle, Japanese beetle and Leafhoppers, use 8 fluid oz. of ULV Malathion 95 when infestation is noticed. Make one or more applications as necessary. Do not apply within 1 day of harvest.

**CORN (FIELD, POP AND SWEET):** To control Cereal leaf beetle, use 4-8 fluid oz. ULV Malathion 95 per acre, repeating treatment if necessary. Do not treat within 5 days of harvest of grain or forage use.

**COTTON:** In early season to control Thrips, Fleahoppers and Leafhoppers, use 4-8 fluid oz. of ULV Malathion 95 per acre. To control Boll weevil during early to mid-season, use 8-12 fluid oz. ULV Malathion 95 per acre. For late season control of Boll weevil, increase dosage to 16 fluid oz. per acre.

To control Grasshoppers, use 8 fluid oz. per acre.

To control Lygus bugs, use 8-12 fluid oz. per acre. For very heavy migrating populations, increase dosage to 16 fluid oz. per acre.

Repeat treatments as necessary up to harvest.

**GRASS CROPS (GRASS AND GRASS HAY):** To control Grasshoppers use 8-10 fluid oz. of ULV Malathion 95 per acre. Repeat applications may be needed after hatching and before movement to crops takes place. No time limitation between treatment and harvesting of hay or grazing.

**RICE (GRAIN FORM):** To control Rice stink bug, use 8 fluid oz. of ULV Malathion 95 per acre making application during the early milk and dough stage of growing rice.

**SUGAR BEETS:** To control Grasshoppers use 8 fluid oz. of ULV Malathion 95 per acre, repeating treatments as necessary. Do not make application within 7 days of harvest if tops are to be used as food or feed.

**FEED LOTS AND HOLDING PENS FOR BEEF CATTLE:** Outdoor Use Only - to control House Flies, Stable Flies and Mosquitoes use 6-8 fluid ounces of ULV Malathion 95 per acre. Beef cattle may be present during application. No time limitation between treatment and slaughter of beef cattle.

**ADULT MOSQUITO CONTROL:** Use 2 to 4 fluid oz. of ULV Malathion 95 per acre to control adult mosquitoes on non-agricultural lands (wastelands, roadsides, soil bank lands). Repeat applications as necessary.

#### **STORAGE**

Do not store near heat or open flames. Prolonged storage at high temperatures leads to decomposition. Avoid contact with strong alkalies and strong oxidizers. Keep containers tightly closed to avoid contamination with water. Store in cool dry place. Do not hold partially filled containers in storage for extended periods of time.

#### **PESTICIDE DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Open dumping is prohibited. Pesticide spray, mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

#### **CONTAINER DISPOSAL**

Triple rinse (1) Drum container into spray tank (after normal emptying) in a vertical position for 30 seconds. (2) Rinse carefully 3 times with 1 gallon of water for each rinse and drain spray tank after each rinse. (3) Do not reuse container. Dispose of container in an approved landfill or bury in a safe place. Consult Federal, State or Local authorities for approved alternatives.

**NOTICE:** Follow directions carefully. Local conditions may affect the use of this chemical. Timing and method of application, weather and crop conditions, mixing with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of the material not in strict accordance with directions given herewith.

(PR933 042194)