



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 28 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Stacy Schmidt
H. R. MCLANE, INC.
AGENT FOR: SURECO, INC.
7210 RED ROAD, SUITE 206
MIAMI, FL 33143

Subject: Label Amendment Submission of 03/22/93 in Response to PR Notice 93-7
EPA Reg. No. 769-700
SMCP MALATHION ULV CONCENTRATE INSECTICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

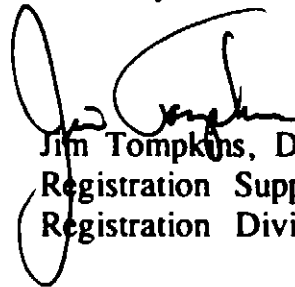
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

H. R. MCLANE, INC.
AGENT FOR: SURECO, INC.
7210 RED ROAD, SUITE 206
MIAMI, FL 33143

COMMENT FOR: EPA REG NUMBER 769-700
SMCP MALATHION ULV CONCENTRATE INSECTICIDE

The following specific comments pertain to your WPA labeling submission concerning the product cited above:

Correct the glove requirement for "applicators and other handlers" in the Personal Protective Equipment" section on your proposed labeling to "Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton".

Your have incorrect wording in the second-to-last sentence in the first paragraph in the Agricultural Use Requirements box on your proposed label. The sentence must be as follows: "It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval."

Correct the glove requirement for early entry in the Agricultural Use Requirements box on your proposed labeling to "Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or viton".

Delete the cross-out statement on your proposed label. They are redundant statements or phrases.

ACCEPTED
with COMMENTS
in EPA Letter Dated
APR 28 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
769-700

 **MALATHION ULV*
CONCENTRATE
INSECTICIDE**

ACTIVE INGREDIENT:		
Malathion (0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate)	95.0%	
INERT INGREDIENTS	5.0%	
TOTAL	100.0%	

*Trademark of American Cyanamid Company One Gallon Contains 8.7 Pounds of Malathion

STATEMENT OF PRACTICAL TREATMENT
This is an organophosphate insecticide

If Swallowed — Call a physician or Poison Control Center immediately. If possible vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. DO NOT induce vomiting or give anything by mouth to an unconscious or convulsing person.

If Inhaled — Remove victim to fresh air. Apply artificial respiration if indicated.

If on Skin — Remove contaminated clothing and wash affected areas with soap and water.

If in Eyes — Flush with plenty of water. Call a physician immediately.

Note to Physician — MALATHION is a cholinesterase inhibitor. If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Before using, read the directions for the proper methods and procedures which must be followed to achieve effective insect control and avoid permanent damage to automobiles and other painted surfaces.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE SIDE PANELS FOR OTHER PRECAUTIONARY STATEMENTS.

E.P.A. Reg. No. 769-700

NET CONTENTS: 

E.P.A. Est. No. 769-GA-1

Manufactured by
SURECO, INC.
FORT VALLEY, GEORGIA 31030

BEST AVAILABLE COPY

**PRECAUTIONARY
Hazards to Humans and
Animals
KEEP OUT OF REACH OF CHILDREN
CAUTION**

Harmful by swallowing, inhalation or skin contact. Avoid contact with skin and clothing.
PERSONAL PROTECTION
Some materials that are chemical-resistant to this product are available. For more information, see the instructions for category F on an EPA chemical product label.
Applicators and other handlers must wear:
• Long-sleeved shirt and long pants
• Chemical-resistant gloves, such as Barrier Laminated Gloves
• Shoes plus socks
Follow manufacturer's instructions for cleaning/maintaining PPE. Do not reuse contaminated PPE. Use detergent and hot water. Keep and wash PPE separately.

User Safety Precautions
• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
• Remove clothing immediately if pesticide gets inside. Wash thoroughly, including shoes.

ENVIRONMENTAL PRECAUTIONS
This product is toxic to fish. For terrestrial uses, do not apply to areas where water is present or to intertidal areas below the mean high water line. Do not apply directly to water, to the surface of water, or to any aquatic organisms. Do NOT apply where the drift could harm fish, birds, bees, or beneficial insects. Avoid spraying near water. Clean equipment, or disposal of wastes, as recommended on this label. DO NOT apply where the drift could harm fish, birds, bees, or beneficial insects as specified on this label.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

MALATHION ULV CONCENTRATE INSECTICIDE may only be used in accordance with the directions in the attached MALATHION ULV CONCENTRATE INSECTICIDE label or approved supplementary labeling. Read all directions carefully before using. Before using MALATHION ULV CONCENTRATE INSECTICIDE for the preparation of malathion insecticides, manufacturers should consult American Cyanamid Company for manufacturing and handling instructions. Each formulator is responsible for obtaining EPA registration for his end use product(s). Undiluted spray droplets of MALATHION ULV CONCENTRATE INSECTICIDE will permanently damage automobile paint. If accidental exposure does occur, the vehicle should be washed immediately. Note to Formulators: MALATHION ULV CONCENTRATE INSECTICIDE may be used for the preparation of malathion insecticides. Before using for this purpose, manufacturers should consult American Cyanamid Company for manufacturing and handling instructions. Each formulator is responsible for obtaining EPA registration for his formulated product(s).

MOSQUITO CONTROL IN POPULATED AND RURAL AREAS

IMPORTANT NOTICE: TO BE APPLIED ONLY BY TRAINED PERSONNEL OF PUBLIC HEALTH ORGANIZATIONS, MOSQUITO ABATEMENT DISTRICTS OR PEST CONTROL OPERATORS.

AERIAL APPLICATION

ADULT MOSQUITO CONTROL OVER CITIES, TOWNS, AND OTHER AREAS WHERE AUTOMOBILES, TRAILERS, TRUCKS AND PLEASURE BOATS ARE PRESENT: Apply 2.6 to 3.0 fluid ounces of MALATHION ULV CONCENTRATE INSECTICIDE per acre. Apply only when weather conditions are favorable. Wind and rising air currents may cause undesirable spray drift and reduce insect control.

IMPORTANT -- Undiluted spray droplets of MALATHION ULV CONCENTRATE INSECTICIDE will permanently damage vehicle paint finishes unless the aircraft used for the ultra low volume application meets all of the specifications listed below.

Fixed Wing Aircraft

1. Aircraft is operated at 150 mph or more.
2. There are no leaks in the ultra low volume spray system.
3. Nozzles are placed on the boom at a 45° angle down and into the wind.
4. Diaphragm check valves are used on all nozzles to insure positive cut-off of the spray.
5. Dosage of MALATHION ULV CONCENTRATE INSECTICIDE does not exceed 3 fluid ounces per acre.
6. The spray system produces droplets of this product in the 50 to 80 mass median diameter (MMD) micron range, with no more than 10% of the droplets exceeding 100 microns, as determined by readings made from microscope slides coated with DRI-FILM* or TEFLON®.

Helicopter

Equipment specifications

1. Rotary nozzle equivalent to Beecomist Spray Head Assembly Model No. 350 equipped with:
 - a. a direct reading RPM tachometer or low RPM signal light readily visible to operator;
 - b. a stainless steel porous metal sleeve, 20 micron pore size, dynamically balanced to the nozzle;
 - c. a diaphragm check valve as near to the rotary nozzle as possible to insure positive cut off of the spray;
 - d. nozzle on-off switch separate from main switch and pump switch.
2. Minimum no-load nozzle speed of 10,500 RPM.
3. A continuous nonpulsating metered flow must be maintained by a variable speed metering pump equipped with:
 - a. a positive cut off valve between tank and pump;
 - b. a flow gauge or tachometer visible to operator;
 - c. a pump on-off switch separate from main switch and nozzle switch.
4. Maximum flow rate of 0.5 gallon per minute per nozzle.
5. Rotary nozzle must be mounted behind and below the boom with the sleeve directed toward the rear of the aircraft and parallel to the ground during flight. Nozzle must be positioned to minimize air turbulence and the collection of MALATHION ULV CONCENTRATE INSECTICIDE droplets on mounting brackets, feed lines, fittings, etc., or any part of the aircraft.

Operating Procedures

1. MALATHION ULV CONCENTRATE INSECTICIDE must be prefiltered through a 10 micron filter prior to transfer into helicopter tank. A 60 mesh stainless steel line strainer must be installed in the pump feed line.
2. Entire system, including tank, pump, nozzle and feed lines, to be used only for application of MALATHION ULV CONCENTRATE INSECTICIDE.
3. Entire system must be inspected daily to insure that there are no leaks.
4. Sleeve must be removed and cleaned immediately after each use by washing with hot water and blowing dry from outside in with clean air.
5. Rotating nozzle must be turned on and operating before turning on pump. For shut off, pump must be shut off and lines cleared prior to stopping nozzle rotation.
6. Dosage of MALATHION ULV CONCENTRATE INSECTICIDE does not exceed 3 fluid ounces per acre.
7. The spray system must produce droplets of MALATHION ULV CONCENTRATE INSECTICIDE with a mass median diameter (MMD) of less than 50 microns, with no more than 2.5% of the droplets exceeding 100 microns, as determined by readings made from microscope slides coated with DRI-FILM or TEFLON.

*Trademark of General Electric Company. ® Registered Trademark of E. I. duPont de Nemours & Co., Inc.

GROUND APPLICATION

Thermal Aerosols or Fogs

For control of adult mosquitoes with thermal aerosols or fogs, apply MALATHION ULV CONCENTRATE INSECTICIDE at the rate of 6-8 oz. actual/gallon (3.9-5.2 gallons MALATHION ULV CONCENTRATE INSECTICIDE in 100 gallons finished solution*) by ground equipment delivering 40 gallons per hour at a vehicle speed of 5 miles per hour to treat a swath width of 300-400 feet.

*There is a great variation in the chemical composition of fuel oils which may be used as thermal fog solvents. These differences may cause sludge and/or affect the solubility of the MALATHION ULV CONCENTRATE INSECTICIDE. For more complete details on tests for sludge formation and solubility in thermal fog solutions, write American Cyanamid Company, Agricultural Division, One Cyanamid Plaza, Wayne, New Jersey 07470.

See attached insert.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage and disposal.

STORAGE: Avoid storage at high temperatures. Protect from moisture. Avoid contamination with water, acids or alkalis. DO NOT store near heat or open flame. Keep container closed. Store in original containers only. Separate pesticides to avoid cross-contamination of other pesticides, fertilizer, food and feed. Keep container in locked storage areas. If spilled, absorb with dry material such as sand or sawdust and sweep up for disposal.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess of pesticide, spray mixture, or residue 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.

CONTAINER DISPOSAL: a) Metal - Triple rinse (or equivalent) and offer for recycling or reconditioning or dispose of in a sanitary landfill or by other approved State and local procedures. b) Plastic - Triple rinse (or equivalent) and offer for recycling or reconditioning or by disposal in a sanitary landfill or by incineration if permitted by State and local authorities.

IMPORTANT: Read these entire Directions and Conditions of Sale before using this product.
DISCLAIMER: SureCo warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions for Use, subject to the inherent risks referred to above. SureCo makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. In no case shall SureCo be liable for consequential, special, or indirect damages resulting from the use or handling or application of this product.

BEST AVAILABLE COPY

5
97

