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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 24 1993

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Mr. John S. Thornton  
Mocay Corporation  
Agricultural Chemicals Division  
P.O. Box 4913  
Kansas City, MO 64120

Dear Mr. Thornton:

Subject: Revised Labeling  
Baytex Liquid Concentrate  
EPA Registration Number 3125-148  
Your Submission Dated January 18, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. Revise the Statement of Practical Treatment as follows:

a. Change "If On Skin" to "If On Skin and Clothing" and move the following from "If Swallowed" to this section:

Wash thoroughly with soap and water after handling. Wash clothing with soap and hot water before reuse.

(You may delete "If On Skin: wash with plenty of soap and water.")

b. Add appropriate statements for "If In Eyes" and "If Inhaled."

2. Under "Protective Clothing and Work Safety Statements," change "contaminated" to "decontaminated" in

Heavily contaminated or drenched clothing cannot be adequately decontaminated.

3. The statement "For Effective Control of Adult Mosquitoes" should appear separated from the paragraph on the front panel beginning "For Adult Mosquito Control in Florida Only..."

CONCURRENCES							
SYMBOL							
SURNAME	JM						
DATE	5/6/93						

4. Add the appropriate EPA establishment number.

Submit five copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely,

George T. LaRocca  
Product Manager (13)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

# BAYTEX Liquid Concentrate

148-7696.YLD

U. S. LABEL

Base Pre-Reg (7696)

Reason to Issue: To revise active ingredient statement to be 95%; change "Recommended Applications" to "Application Rates".

Date of Draft: 12/4/92 (Pre-Reg)(S)  
Supersedes Pre-Reg Draft Dated: 11/20/91

## RESTRICTED USE PESTICIDE

Due to Very High Toxicity to Birds, Fish and Aquatic Invertebrates

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification. Certified applicators must also ensure that all persons involved in these activities are informed of the Precautionary Statements.

## BAYTEX LIQUID CONCENTRATE INSECTICIDE

FOR ADULT MOSQUITO CONTROL IN FLORIDA ONLY. CONSULT WITH THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES BEFORE APPLYING THIS PRODUCT. FOR EFFECTIVE CONTROL OF ADULT MOSQUITOES.

### ACTIVE INGREDIENT:

Fenthion [O,O-Dimethyl O-(3-methyl-4-(methylthio)phenyl) phosphorothioate]..... 95%

INERT INGREDIENTS: ..... 5%  
100%

One gallon contains 9.67 pounds O,O-Dimethyl O-(3-methyl-4-(methylthio)phenyl) phosphorothioate.

NET CONTENTS: \_\_\_\_ Gallons  
EPA Reg. No. 3125-148

NET WEIGHT: \_\_\_\_ Pounds

**STOP - Read the Label Before Use**

**Keep Out of Reach of Children**

## WARNING

(See rear panel for Statements of Practical Treatment and Other Precautionary Statements)  
DO NOT STORE BELOW 45°F. KEEP IN A COOL, DRY PLACE

## AVISO

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

**MILES** 

ACCEPTED  
with COMMENTS  
in EPA letter Dated

**JUN 24 1993**

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

3125-148

## DIRECTIONS FOR USE

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

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using BAYTEX Liquid Concentrate.

**CONDITIONS OF SALE:** THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL

DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MILES OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

BAYTEX Liquid Concentrate is recommended for use wherever adult mosquitoes are a problem.

**MIXING FOR ULV APPLICATIONS:** BAYTEX Liquid Concentrate contains no emulsifying agent and should be applied with Ultra Low Volume equipment capable of accurately and uniformly applying the designated amount of BAYTEX Liquid Concentrate per acre. (See NOTE).

APPLICATION RATES		
INSECT	Fluid Ounces BAYTEX L.C.	REMARKS
<b>AIRCRAFT APPLICATION</b>  Mosquitoes (Adults Only) (Florida Only)	0.66 - 1.3	<b>ULTRA LOW VOLUME SPRAY:</b> For control of mosquito adults, BAYTEX Liquid Concentrate may be applied undiluted in any aircraft equipment that has been adapted and calibrated for applying ultra low volumes of spray material.  Apply specified dosage (0.05 to 0.1 lb active ingredient) per acre using the liquid concentrate in undiluted form with aircraft equipment capable of applying the proper volume per acre.  Use lower rate when applying to open non-canopied areas; use higher rate when applications are made in areas having a vegetation canopy.  No more than 5% of the droplets should exceed 80 MMD.
	0.4	<b>THERMAL FOG:</b> For control of mosquito adults apply specified dosage (0.03 lb active ingredient) per acre using the product mixed in 0.2 to 0.8 quarts of oil per acre. Apply as a thermal fog by injecting solution into FAA approved engine exhaust system. Repeat applications as necessary.
<b>INSECT GROUND APPLICATION</b>  Mosquitoes (Adults Only) (Florida Only)	<b>Ground ULV Concentrate Application:</b> Applications can be made in residential areas, municipalities, tidal marshes, swamps and woodlands. Do not apply to any agricultural crops. Apply BAYTEX Liquid Concentrate undiluted at the rate of 0.8 fluid ounce/minute at 5 mph; 1.5 fluid ounce/minute at 10 mph and 2.0 fluid ounce/minute at 15 mph; applying a 300 foot swath. These flow rates are equivalent to 0.03 pounds active ingredient per acre.  <b>CAUTION - SPECIAL INSTRUCTIONS:</b> This application can be made only under the following conditions: (1) Application in calm air conditions is to be avoided. (2) Application is not to be made in the immediate vicinity of pedestrians. (3) Vehicles used to apply must be air conditioned, or equipped with automatic speed control flow device. See NOTE.	

**NOTE:** Spray droplets should have a median droplet size range from 5 to 20 microns with a Mass Median Diameter (MMD) not to exceed 15 microns. Droplets 45 microns or larger may cause permanent damage to automobile paint finishes.

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## RESTRICTIONS

1. Do not apply over food crops, forage crops or rice.
2. Do not use inside homes or in buildings where food is processed or stored.
3. Do not apply directly to animals.
4. Do not use on or allow spray treatment to drift onto potable water supplies. Do not contaminate feed, drinking water, milk or milk-handling equipment.
5. Do not apply this product through any type of irrigation system.
6. Do not apply when temperature inversions exist.
7. Apply during early morning or late evening.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## WARNING

May be fatal if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Avoid contamination of feed or food. Keep out of

reach of children. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating and smoking.

## STATEMENTS OF PRACTICAL TREATMENT

If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz or 15 ml) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately. Wash thoroughly with soap and

warm water after handling. Wash clothing with soap and hot water before reuse. If on skin: wash with plenty of soap and water. Get medical attention.

**NOTE TO PHYSICIAN:** Fenthion 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.

## ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to shrimp, fish, and wildlife. Birds, fish, shrimp and crabs in treated areas may be killed. Do not apply where these are important resources. Drift and aquatic transport from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate untreated 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 over or allow it to drift to blooming crops or weeds while bees are visiting the treatment area.

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## PROTECTIVE CLOTHING AND WORK SAFETY STATEMENTS

**USE ONLY WHEN WEARING THE FOLLOWING PERSONAL PROTECTIVE EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR AND CLEANING OF MIXING, LOADING, AND APPLICATION EQUIPMENT, DISPOSAL OF THE PESTICIDE:** Protective suit of one or two pieces that covers all parts of the body except head, hands, and feet; chemical-resistant gloves; chemical resistant shoes (or chemical-resistant shoe coverings or chemical-resistant boots); and a NIOSH or MSHA approved respiratory protection device. In addition, mixers/loaders must wear a chemical resistant apron. During equipment repair and cleaning, the respirator need not be worn.

**IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE:** Long-sleeve shirt, long-legged pants; chemical-resistant gloves; chemical-resistant apron, shoes and socks. Goggles or face shield must be worn when the system is under pressure. All other protective clothing and equipment required for use with open systems must be available nearby.

**IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE:** Long-sleeve shirt and long-legged pants; shoes and socks. Chemical-resistant gloves must be available in the cab or cockpit and must be worn during entry to and exit from the application vehicle. All other

protective clothing and equipment required for use during application must be available in the cab and must be worn when exiting the cab into treated area. When used for this purpose, contaminated clothing may not be brought back into the cab unless in an enclosure such as a plastic bag. **REMEMBER - THIS CLOTHING IS INADEQUATE TO PROTECT YOU DURING REPAIR AND CLEANING OF APPLICATION EQUIPMENT! REFER TO PROTECTIVE CLOTHING AND EQUIPMENT REQUIREMENTS ABOVE.**

**IMPORTANT!** If pesticide comes in contact with skin, wash off with soap and water and contact a physician immediately. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or using the toilet.

**AFTER WORK:** Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear clean clothes. Do not reuse contaminated clothing. Personal clothing worn during work must be laundered separately from household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirators. Clothing that becomes heavily contaminated or drenched with Fenthion must be destroyed according to State and local regulations. **HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY CONTAMINATED.**

## STORAGE AND DISPOSAL

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

**Storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

**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.

Handle and open container in a manner as to prevent spillage. If container is leaking invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. In spill or leak incidents keep unauthorized people away. You may contact the Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Miles Kansas City Emergency Response Telephone Number is 816-242-2582, or contact Chemtrec at 800-424-9300.

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