

T-245  
Ref. 1

3125-148

06/07/1967

1/4

Base Pre-Reg  
(460)

Reason to Issue: To change product name. U.S. LABEL Date of Draft: 3/28/67 (Pre-Reg.)

Reg. U.S. 8/1/64

®

BAYTEX

LIQUID CONCENTRATE

INSECTICIDE

FOR EFFECTIVE CONTROL OF MOSQUITOES  
AND FLIES

GUARANTEE: Contains 8 lbs.

O,O-Dimethyl O-[4-(methylthio)-m-  
-tolyl] phosphorothioate per gallon.

NET CONTENTS 5 GALLONS

WARNING

KEEP OUT OF REACH OF CHILDREN  
(See rear panel for warning  
statements.)

ACTIVE INGREDIENTS:

<u>O,O</u> -Dimethyl <u>O</u> -[4-(methylthio)- <u>m</u> - -tolyl] phosphorothioate/	81%
Aromatic Petroleum Distillate ....	19%
	100%

U.S. Patent No. 3,042,703  
Canadian Patent No. 631,472

USDA Reg. No. 3125-148

STOP - READ THE LABEL BEFORE USE

ACCEPTED

JUN - 7 1967

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
UNDER NO. 3125-148 SUBJECT  
TO ATTACHED COMMENTS.

MANUFACTURED BY

CHEMAGRO CORPORATION

KANSAS CITY, MO.

Note: Underlined letters in chemical nomenclature should be italicized when printed,  
not underlined.

## DIRECTIONS FOR USE

AREA MOSQUITO APPLICATIONS TO POPULATED AND RURAL AREAS ARE TO BE MADE ONLY BY MOSQUITO ABATEMENT DISTRICTS, PUBLIC HEALTH OFFICIALS, PUBLIC MOSQUITO CONTROL OFFICIALS, AND COMMERCIAL PEST CONTROL OPERATORS.

BAYTEX Liquid Concentrate is recommended for use wherever mosquitoes and flies are a problem. It provides long residual control and is as effective against DDT-resistant strains as non-resistant strains. The spray can be applied to most surfaces, including freshly whitewashed areas, without loss of biological effectiveness.

**MIXING:** BAYTEX Liquid Concentrate contains no emulsifying agents and should be diluted only with oil carriers such as No. 2 fuel oil (diesel) or kerosene. Should it be desirable to use water as a carrier, sufficient quantities of suitable emulsifiers should be added to the BAYTEX Liquid Concentrate prior to mixing with water. These water or oil mixtures are suitable for use in hand or power-operated sprayers or foggers as well as with aircraft sprayers or in mist-type applicators. To mix with oil, pour required amount of BAYTEX Liquid Concentrate into full amount of oil and then agitate.

If the mixture of BAYTEX and oil, prepared according to label directions, is to be held in storage for longer than a few hours, it is necessary to add an anti-sludge agent to the mixture. Request information from your dealer on the type and amount of anti-sludge agent to use.

**DOSAGE:** Use specified dosage of BAYTEX Liquid Concentrate in the amount of water or oil necessary to give uniform coverage. The type of equipment used will determine the concentration required.

**SPRAYING:** For mosquito larvae control, applications should be made to moist areas, standing water pools, marshes, swamps, and tidal areas. Also spray around and in catch basins and similar areas where mosquitoes breed. Do not apply to ponds, lakes, streams, or other bodies of water containing valuable fish. Allow at least three weeks between applications.

For large area mosquito control, applications should be made to wet grassy, bushy, or woody areas.

For localized mosquito and fly control, applications should be made to outside surfaces of buildings, screen doors, window frames, around outdoor light fixtures, and in garages.

**FOG AND MIST APPLICATIONS:** Outdoor applications for adult mosquito control may be made by thermal fogging, mist spraying, airplane spraying, or residual spraying. Do not apply to ponds, lakes, streams, or other bodies of water containing valuable fish. Allow at least 3 weeks between mist applications. Fog applications may be repeated as necessary.

## RECOMMENDED BAYTEX APPLICATIONS

INSECT	Fluid Ounces BAYTEX Conc.	REMARKS
Mosquito Larvae	3/4	<u>SPRAY:</u> Apply specified dosage (0.05 lb. active) per acre in sufficient water* or oil** to obtain uniform coverage, or per 1 1/2 gallons of water* or oil** for localized applications. Apply as a light uniform spray. Allow at least 3 weeks between treatments.

RECOMMENDED BAYTEX APPLICATIONS  
(Continued)

INSECT	Fluid Ounces BAYTEX Conc.	REMARKS
Mosquitoes	1/2 to 1 1/4	<u>THERMAL FOG</u> : Mix specified dosage per gallon of oil.** This is equivalent to 1/2 to 1 gallon of concentrate per 100 gallons of oil. Apply with standard fogging machines calibrated to deliver 40 gallons per hour at a machine speed of 5 m.p.h. to cover a swath width of up to 350 feet. Repeat as necessary.
Mosquitoes	3/4 to 1 1/2	<u>MIST SPRAY</u> : Apply specified dosage (0.05 to 0.1 lb. active) per acre. For mist-blower machines calibrated to deliver 100 gallons per hour traveling at a speed of 4 m.p.h. to cover a swath width of up to 350 feet, use 1 to 2 1/8 gallons of concentrate per 100 gallons of water* or oil.** Allow at least 3 weeks between treatments.
Mosquitoes	(See Remarks)	<u>AIRPLANE APPLICATION</u> : Use BAYTEX Liquid Concentrate at dosages of 0.05 to 0.1 lb. active ingredient per acre in water* or oil.** Mix 5 to 10 pints of concentrate in 100 gallons of water* or fuel oil** and apply 1 gallon of this mixture per acre. Allow at least 3 weeks between treatments.
Mosquitoes Houseflies	1 to 2	<u>RESIDUAL SPRAY</u> : For long residual control of mosquitoes and for residual fly control, apply specified dosage in 1 gallon of water* for application per 500 square feet or to run-off in localized areas. Residual control lasts 7 to 8 weeks for the lower rate and even longer at the higher rate. Repeat as necessary. Do not apply as a space spray.

\*When using water as a carrier add sufficient quantities of suitable emulsifying agents to BAYTEX Liquid Concentrate prior to mixing with water.

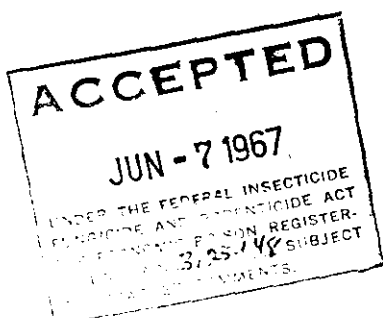
\*\*Kerosene-type oils, fuel oils, diesel oils, and other base oils suitable for insecticide use.

RESTRICTIONS

1. Do not allow spray treatment to drift on pasture land, crop land, poultry ranges, or water supplies.
2. Do not use inside homes, in dairy barns, poultry houses, or buildings where food is processed. Do not apply directly to animals.
3. Do not use on crops used for food, forage, or pasture.
4. Do not apply oil sprays directly to flowers or other ornamental plants which may be damaged by the oil. Fog application will not cause plant injury.

FISH AND WILDLIFE CAUTION

BAYTEX is highly toxic to some aquatic animal life. Shrimp, crayfish, and crabs may be killed at the listed rates of application. Do not use where these are valuable resources.



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

Avoid contamination of feed or food. Keep out of reach of children.

TO PHYSICIAN:

ANTIDOTE - Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine.

NOTICE

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