

200/5/20/11

**BEST AVAILABLE COPY**

Mr. J. Allen Dunlap III  
Platte Chemical Company  
P.O. Box 667  
Greeley, CO 80632

Dear Mr. Dunlap:

Subject: Amendment - Label Revision/Confidential Statement of Formula  
Update/Re-registration Standard  
A.A.D. Special Mosquitocide Emulsifiable Concentrate  
EPA Registration No. 34704-480  
Your letter dated February 21, 1990

The amendment 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 indicated below prior to release for shipment of product bearing the amended labeling.

1. The active ingredient statement should be:

Fenthion (0,0-dimethyl-0-[4-(methylthio)-m-tolyl] phosphorothioate.

2. Revise the Note to Physician as follows:

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.

3. Since the product is restricted to certified applicators, you may delete the user limitation, "To be Sold Only to and to be used by...". You can retain the statement, "Area Mosquito Applicators are for Use...".
4. Under Restriction item 3 should include the word deed i.e., "... where food/feed is processed...".

Submit five (5) 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 yours,

George S. L. Rosen  
Product Manager 15  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

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# RESTRICTED USE PESTICIDE

Due to Very High Acute 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.

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# M.A.D.

## SPECIAL MOSQUITOCIDE

### Emulsifiable Concentrate

34704-480

**CONTAINS BAYTEX®**

#### FOR EFFECTIVE CONTROL OF MOSQUITOES

To be sold only to, and to be used only by official mosquito abatement agencies.

#### ACTIVE INGREDIENT:

Fenitron (O,O-Dimethyl O-[3-methyl-4-(methylthio)phenyl] phosphorothioate) . . . . . 70.5%

INERT INGREDIENTS: % . . . . . 29.5%

TOTAL 100.0%

Contains aromatic petroleum distillates.  
Contains 7 lbs. Fenitron per gallon.

### KEEP OUT OF REACH OF CHILDREN

## WARNING AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

See Below For Additional Precautionary Statements

EPA REG. NO. 34704-480

EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_ GALLONS

\* BAYTEX is a Registered T.M. of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen

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EXP-1R

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS

## WARNING

May be fatal if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes, or clothing. Do not breathe vapors or spray mist. Do not contaminate food or feed products.

#### PERSONAL PROTECTIVE

#### EQUIPMENT & WORK SAFETY:

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 entering 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 AND EARLY REENTRY TO TREATED AREAS! 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 fenitron must be destroyed according to State and local regulations. HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

#### STATEMENT OF PRACTICAL TREATMENT :

Call a physician at once in all cases of suspected poisoning.

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated. Remove all contaminated clothing.

IF ON SKIN: Remove contaminated clothing. Wash affected areas with plenty of soap and water.

IF IN EYES: Flush eyes with plenty of clean water. Get medical attention immediately.

NOTE TO PHYSICIAN: ANTIDOTE—Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. In addition, 2-PAM ml / be used in conjunction with atropine but should not be used alone.

#### 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 or allow it to drift to blooming crops or weeds while bees are visiting the treatment area.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

#### DIRECTIONS FOR USE :

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

CAREFULLY READ COMPLETE DIRECTIONS BEFORE USE. AREA MOSQUITO APPLICATIONS ARE FOR USE ONLY BY OFFICIAL MOSQUITO ABATEMENT AGENCIES.

(continued)

# M.A.D. SPECIAL MOSQUITOCIDE

EPA REG. NO. 34704-480

(continued)

## STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly.

**STORAGE:** Store in a safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or dilute 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:** Metal: 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. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## RESTRICTIONS

1. Do not apply oil mixtures to forage crops or rice.
2. Do not apply when weather conditions favor drift of spray.
3. Do not use inside homes or in buildings where food is processed or stored.
4. Do not apply oil sprays directly to flowers or other ornamental plants which may be damaged by the oil. Fog applications will not cause plant injury.
5. Do not apply directly to animals, except livestock grazing in alfalfa and pasture grass at time of application of these crops.
6. Do not use on or allow spray treatment to drift onto water supplies. Do not contaminate feed, drinking water or milk-handling equipment.
7. Do not apply as an ultra low volume (ULV) spray.

**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 fish. Allow at least 3 weeks between mist applications. Fog applications may be repeated as necessary.

**MIXING:** This concentrate forms an emulsion when diluted with water. The resulting spray is suitable for use in hand or power-operated sprayers as well as with aircraft sprayers. To mix with water, pour required amount of emulsifiable concentrate into full amount of water and then agitate.

**Mosquito Control on Alfalfa and Pasture Grass:** Apply 0.9 to 1.8 fluid ounces (0.05 to 0.1 lb. active) per acre in a water emulsion as directed under "Recommended Application." Apply once per cutting on alfalfa, and up to 4 times per year on pasture grass without removal of grazing livestock.

**Mosquito Control in Rice (Calif. Only):** Apply 0.9 to 1.8 fluid ounces (0.05 to 0.1 lb. active) per acre in a water emulsion as directed under "Recommended Application." Apply no more than 3 times per crop year nor within 30 days of harvest of rice. Do not apply to a second rice crop in areas where double cropping is the agricultural practice.

**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 fish. Allow at least three weeks between applications.

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

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

## RECOMMENDED APPLICATIONS

Insect	Fluid Oz of M.A.D. Special Mosquitocide	Remarks
Mosquito Larvae	0.8	Spray. Apply specified dosage (0.36 lbs. active) per acre in sufficient water to obtain uniform coverage, or per 1 1/2 gals of water for localized applications. Apply as a light uniform spray. Allow at least 3 weeks between applications.
Mosquitoes	0.7 to 1.4	Thermal Fog. Mix specified dosage per gallon of water. Apply with standard fogging machines calibrated to deliver 40 gals 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	0.7 to 1.4	Non-Thermal Aerosol. Mix specified dosage per gallon of water. Apply with a non-thermal aerosol generator 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	0.9 to 1.8	Mist Spray. Apply as 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 1.2 to 2.4 gallons of spray concentrate per 100 gallons of water. Allow at least 3 weeks between applications.
Mosquitoes	(See Remarks)	Airplane Application. Use at dosages of 0.05 to 0.1 lb. active ingredient per acre in water. Mix 0.7 to 1.4 gallons of spray concentrate in 100 gallons of water and apply 1 gallon of this mixture per acre. Allow at least 3 weeks between applications.
Mosquitoes House Flies	1.1 to 2.2	Residual Spray: For long residual control of mosquitoes and for residual fly control, apply specified dosage in 1 gallon of water for application per 570 sq. ft. or to run-off in localized areas on patios, other outdoor structural surfaces, in buildings including dairy and beef barns and poultry houses. Do not apply directly to animals. 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.

## NOTICE

Platte warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of the product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Platte. In no case shall Platte be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Platte makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

BEST BEFORE DATE

FORMULATED FOR  
**PLATTE CHEMICAL CO.**  
 150 SO. MAIN STREET FREMONT, NEBRASKA 68025

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