

45385-65

8-22-1996

1/4



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

S 448069

335  
17

AUG 22 1996

Ms. Barbara E. Kairies  
Technical Director  
CTX Inc.  
481 Scotland Road  
McHenry, IL 60050

Dear Ms. Kairies:

Subject: Deletion of Unsupported Malathion Uses  
Chem-Tox Malathion 3  
EPA Reg. No. 45385-65  
Labeling Amendment Submitted August 10, 1992,  
Corrected Application of June 6, 1993  
Federal Register Notice of November 30, 1995

The labeling amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, As Amended (FIFRA), is acceptable, provided that you:

1. Submit one copy of your final printed label incorporating the following corrections before you release the product for shipment.

a. Under the section headed, "Environmental Hazards," make the following corrections.

- Update the statement, "Do not apply directly to water or wetlands \_ \_ \_" to read as stated below.

"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."

- Delete the following statements which imply use of the product in indoor areas, a use that is not being supported for malathion.

"Indoors: Use only with adequate ventilation. After using this product, ventilate thoroughly before occupying enclosed spaces."



Recycled/Recyclable  
Printed on paper that contains  
at least 75% recycled fiber

2/4

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Karen E. Whitby  
Product Manager (14)  
Insecticide-Rodenticide Branch  
Registration Division (7504C)

- Delete the redundant statement, "Do not allow contact with treated surface until sprays have dried." from its present location in this section. This statement already appears in the more appropriate section entitled "Precautionary Statements".

b. Under the use directions for fly control, delete the claims for use on "ceilings", and "stanchions".

c. Clarify the claim. "For fly control outside farm buildings and dairy barns" to read as follows.

"For fly control around the outside of farm buildings and dairy barns."

d. Under directions for use as a mosquito larvacide which is considered to be an aquatic non-food use, make the following revisions.

- Specify the area(s) in which the product is intended to be used. The areas of use being supported for the aquatic non-food use pattern which would be appropriate for the subject product label are intermittently flooded areas.

- Add the restriction stated below to the mosquito larvacide use directions. The basic producer of malathion has chosen the option of adding this restriction in lieu of conducting the residue chemistry studies required under guideline no. 171-4 (Magnitude of the Residue in Fish and Shellfish and Magnitude of the Residue in Drinking and Irrigation Water).

"Broadcast use only over intermittently flooded areas. Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially."

e. Delete the instructions for use of a mask or respirator. Unless you have information to the contrary, the registered product's signal word, "caution" denotes an acute toxicity category no higher than III. Based on this acute toxicity profile, the use of such protective equipment is not warranted for the product. It is noted that this instruction does not appear on your previously accepted label dated July 6, 1990.

f. In the precautionary statements section, correct the spelling of pests to pets in the sentence, "Remove pests and \_ \_".

2. Within 60 days from the date of this letter, submit your updated Confidential Statement of Formula (CSF) showing your current supplier of the malathion used to formulate the product. The malathion supplier product listed on your CSF dated September 12, 1990, was canceled, effective January 11, 1995. A different supplier product was listed on your data call-in response sheet submitted August 10, 1992, and this product was also canceled, effective January 11, 1995.

4/4

# CHEM-TOX MALATHION 3

contains CYTHION\*\*

A ready to use MALATHION SPRAY for use in MOSQUITO CONTROL WORK and GENERAL OUTDOOR TREATMENT.  
CONTROLS ACCESSIBLE STAGES OF LISTED FLYING AND CRAWLING INSECTS.

**ACTIVE INGREDIENTS:**

Malathion (O,O-Dimethyl dithiophosphate of diethyl mercaptosuccinate)..... 3.00%  
\*INERT INGREDIENT:..... 97.00%

\*contains petroleum distillate - 96.70%  
\*\* Cythion- reg. T.M. of American Cyanamid Company

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

AUG 22 1996

## KEEP OUT OF REACH OF CHILDREN CAUTION

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

45385-65

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid breathing spray mist. Do not get in eyes, on skin or clothing. Wash skin thoroughly after handling. Avoid contamination of feed and foodstuff. Do not use on household pets or humans. Remove pests and cover fish bowls before spraying. Do not smoke while spraying. **KEEP CHILDREN AND PETS AWAY FROM TREATED AREAS UNTIL SURFACES ARE DRY.** General: When applying this product wear mask or respirator of a type recommended by U.S. Bureau of Mines to give adequate protection against this material. Wear protective clothing to minimize skin exposure. Do not allow contact with treated surface until sprays have dried.

#### STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a Physician or Poison Control Center immediately. Do not induce vomiting because of possible aspiration hazard. 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. If on skin - Remove contaminated clothing and wash affected areas with soap and water. If in eyes - Flush eyes with plenty of water. Call physician immediately. **Note to Physician:** Malathion, upon repeated, prolonged, careless use, may cause cholinesterase inhibition. Atropine is antidotal.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water or wetlands (i.e., swamps, bogs, marshes, and potholes). Drift and runoff may be hazardous to aquatic organisms in area near the application site. Do not contaminate 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 if bees are visiting the treatment areas. **Indoors:** Use only with adequate ventilation. After using this product, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surface until sprays have dried.

#### PHYSICAL AND CHEMICAL HAZARDS

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

#### DIRECTIONS FOR USE

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

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Store in original container and place it in a cool, dry, locked or secured storage area. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Wastes resulting from the use of this product may be disposed of on site at an approved waste disposal facility. **CONTAINER DISPOSAL:** 1. Household (All) - Do not reuse empty container (bottle, can bucket). Wrap container and put in trash. 2. Metal (All Sizes) - Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state or local authorities. 3. Plastic (All) - Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**FOR FLY CONTROL OUTSIDE FARM BUILDINGS AND DAIRY BARN:** Apply the spray at the rate of one (1) gallon per 1000 sq.ft on painted surfaces and two(2) gallons per 1000 sq.ft on unpainted surfaces where flies alight or congregate; walls, ceilings, stanchions, window sills, fences, etc. Use a large droplet spray that wets all surfaces to the point of run off. Repeat as necessary.

**GENERAL OUTDOOR TREATMENT:** For BITING MIDGES (adults), FLIES (adults), GNATS (adults), MOSQUITOES (adults), MOTHS (adults): Apply as a fog, aerosol, or space spray. Average swath width is 300 to 400 feet. For MOSQUITOES, allow the finished spray to remain in the area for a minimum of 10 seconds. For FLIES, allow finished spray to remain in the area for a minimum of 40 to 50 seconds.

**MOSQUITO CONTROL: DIRECTIONS FOR THERMAL FOGGING AND MIST SPRAYING OILS:** For maximum effectiveness outdoor fogging should be carried out only under surface conditions which usually exist only from one hour after sunset, through the night, and until sunrise. During this time, providing the wind velocity is under 3-4 miles per hour, the fog will remain in the area and close to the ground the required time to be fully effective. Outdoor fogging, in windy (over 4 mph) weather will be ineffective as the tiny fog particle will be too widely disperse by the wind. Repeat as necessary. **AIRPLANE APPLICATION:** Apply insecticide at a rate of 2 1/2 gal. per acre. **MIST SPRAYING AND LARVICIDING:** Apply insecticide at a rate of 2 1/2 gal. per acre. Repeat as necessary. **THERMAL FOGGING:** Apply at a rate of 1 gal. per 2 acres.

#### TERMS OF SALE OR USE ON PURCHASE OF USE OF THIS PRODUCT:

Warranty: Manufacturer and seller warrants that this product, as of time of sale conforms to the ingredient statement on the label, and is reasonable fit for the purpose set forth in the Directions for Use. Except as so warranted the product is sold as is. Manufacturer makes no other warranty express if implied. **EXCUSE FROM NON-CONTROLLABLE CONDITIONS:** Because of certain critical conditions created or incurred by buyer or user over which manufacturer has no control, buyer and user as a condition of purchase or use, assume responsibility for and release manufacturer from, liability arising out of handling or use of this product attributable to such causes. No person is authorized to vary or waive statement contained herein.

EPA Reg. No. 45385-65

EPA Est. No. 45385-IL-01

Order Code 0-316 REV. 8/92  
CTX., Inc., McHenry, IL 60050