

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MAR 10 2004

Mr. H. R. McLane, Agent for
CTX Cenol, Inc.,
7210 Red Road, Suite 206
Miami, FL 33143-5321

Dear Mr. McLane:

**Subject: Various Label Revisions Including Revised Use Directions
Chem-Tox Mal 50-0S
EPA Reg. No. 45385-66
Your Application Dated March 25, 2003**

Dear Mr. McLane:

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 submit two copies of your final printed label incorporating the following corrections before you release the product for shipment.

1. Add the statement cited below to the Environmental Hazards section.

For aquatic uses, do not apply directly to water except as specified on this label.

2. The claim for the mosquito larvae use must be clarified so that it agrees with the current registered uses. Revise the label to specify the use area cited below.

For control of mosquito larvae in standing and stagnant water and temporary rain pools in intermittently flooded areas.

3. The proposed first aid statements differ from those specified in PR Notice 2001-1 as described below.

a. The first aid statements for the ingestion route of exposure are not consistent with those specified in the PR Notice 2001-1. Please refer to page five of the Notice.

b. The submitted label lacks the following "Note to physician" statement as specified on page 7 of the Notice: "Contains petroleum distillate - vomiting may cause aspiration pneumonia."

If this condition is 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 this condition.

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

Sincerely,



Marilyn A. Mautz
Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

**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 smoke while spraying. Wear protective clothing to minimize skin exposure.

FIRST AID

IF SWALLOWED - Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice. Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment. You may also call 1-800-858-7378 for emergency medical treatment advice.

NOTE TO PHYSICIAN: Malathion, upon repeated, prolonged, careless use, may cause cholinesterase inhibition. Atropine is antidotal. Petroleum distillate poses an aspiration hazard.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. 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. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water when disposing of equipment washwaters.

BEE CAUTION: 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 proposed treatment area.

STORAGE AND DISPOSAL

STORAGE: Avoid storage conditions that might alter the composition or usefulness of this pesticide, e.g. temperature extremes, excessive moisture or humidity, sunlight, friction or contaminating substances or media. Keep pesticide container closed in a cool, dry and locked area or room.

PESTICIDE DISPOSAL: Do not contaminate food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site, or at an approved waste disposal facility.

CONTAINER DISPOSAL: Metal Containers (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. Plastic Containers (All) - triple rinse, (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill; or incinerate, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

PHYSICAL AND CHEMICAL HAZARDS

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

CHEM-tox

MAL 50-OS

Contains Cythion®

An oil soluble Malathion Concentrate containing 4.5 lbs. of Malathion active ingredient per gallon. For formulating Thermal Fogging and Mist Spraying Oils for Mosquito Control Work and Outdoor Application.

ACTIVE INGREDIENT:

Malathion (CAS 121-75-5) - - - - - 50.00%

OTHER INGREDIENTS* - - - - - 50.00%

*Contains Petroleum Distillate. Total 100.00%

EPA Reg. No. 45385-66 EPA Est No. 45385-OH-1

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See side panels for additional Precautionary Statement.

(** CYTHION® is a registered Trademark of the American Cyanamide Co.)

NET CONTENTS

<input type="checkbox"/>	1 Gallon
<input checked="" type="checkbox"/>	5 Gallons
<input type="checkbox"/>	30 Gallons
<input type="checkbox"/>	55 Gallons

ORDER CODE OC-530



**CENOL
INCORPORATED
P.O. Box 472
Twinsburg, OH 44087**

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 10 2004

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

45385-66

DIRECTION FOR USE

It is a violation of the Federal Law to use this product in a manner inconsistent with its labeling. This product will not mix with water.

**FOR FLY CONTROL: OUTSIDE OF FARM
BUILDINGS AND DAIRY BARN:**

Dilute this concentrate 1 part to 22 parts NO. 2 fuel oil to make a 3% ready-to-use spray. Apply at the rate of one (1) gallon per 1 000 sq. ft. on painted surfaces and two (2) gallons per 1 000 sq. ft. on unpainted surfaces where flies alight or congregate; window sills, fences, etc. Use a large droplet spray that wets all surfaces to the point of run off. Repeat as necessary.

MOSQUITO CONTROL

Airplane application - Apply a 3% to 5% Malathion in fuel oil at rate of 1/2 lb. actual Malathion a.i. per acre. Use 2 1/2 gal. of 3% Malathion per acre or use 1 1/2 gal of 5% Malathion per acre.

MIST SPRAYING AND LARVICIDING: 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. Apply a 3% to 5% Malathion in fuel oil at the rate of 1/2 lb. actual Malathion a.i. per acre. Use 2 1/2 gal. of 3% Malathion per acre or use 1 1/2 gal of 5% Malathion per acre. Repeat as necessary.

THERMAL FOGGING: Apply at a rate of 0.075 lb. to 0.1 lb of actual Malathion a.i. per acre. For a 3% solution this will be at the approximate rate of 1 gallon per 3.5 acres.

DILUTION DIRECTIONS FOR THERMAL FOGGING AND MIST SPRAYING OILS:

For mosquito control work, use a 3% to 5% Malathion concentration in No. 2 fuel oil. For a 3% Malathion fogging or mist spraying oil use 1 part of MAL 50-OS to 22 parts fuel oil. To make a 5% fogging or mist spraying oil add 1 part MAL 50-OS to 13 parts of fuel oil. Fogging compounds and mist spraying compounds of up to 5% concentration of Malathion can be made in No. 2 fuel oil without using co-solvents.

NOTICE -: When diluting MAL 50-OS with mineral seal oil, deodorized aliphatic or kerosene type petroleum oils, use one part aromatic type solvent to four parts kerosene type oils.

FOGGING INSTRUCTIONS: For maximum effectiveness general outdoor fogging should be carried out under surface inversion 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. Repeat as necessary. Outdoor fogging in windy (over 4 MPH) weather will be ineffective as the tiny particles will be too widely dispersed by the wind.

TERMS OF SALE AND USE OF THIS PRODUCT.

WARRANTY: Manufacturer and Seller warrants that this product, as of the time of the sale, conforms to the ingredient statement on the label, and is reasonably 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 or 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 the product attributable to such causes. No person is authorized to vary or waive any statement contained herein. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at #1-800-858-7378.

(66pm-03-25-03 p65)

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