



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

NOV 6 1998

Ms. Tammy Hall
ArChem Corporation
1514-11th Street
P.O. Box 767
Portsmouth, OH 45662

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Dear Ms. Hall:

Subject: Deletion of Unsupported Malathion Uses
Malathion WE Emulsifiable Concentrate 50%
EPA Reg. No. 7122-42
Labeling Submitted February 16, 1998
Federal Register Notice of April 17, 1998

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

1. Correct the percentages in the ingredient statement to 50% for the inert ingredients and 100% for the total. Please refer to item 7 in our letter of March 31, 1997.
2. Correct the bee statement in the Environmental Hazards section to read as stated below:

"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 area."

3. Correct the heading, "HAZARDS TO HUMANS" to read as follows: "HAZARDS TO HUMANS AND DOMESTIC ANIMALS."
4. Relocate the early entry personal protective equipment (PPE) statements to the AGRICULTURAL USE REQUIREMENTS box so that they appear as the last paragraph in that box as shown on the enclosed copy of enclosure II.
5. Add the following paragraph to the PERSONAL PROTECTIVE EQUIPMENT (PPE)

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REQUIREMENTS section so that it appears as the last paragraph of the section as shown on the enclosure I:

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

6. Enclose the USER SAFETY RECOMMENDATIONS and the AGRICULTURAL USE REQUIREMENTS sections in separate boxes as shown on the enclosures I and II.

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.

Sincerely,



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

Enclosure

Enclosure to 1
Letter I

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

Long-sleeved shirt and long pants

Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, or viton

Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ACCEPTED FOR REGISTRATION WITH CONSUMERS UNDER THE FEDERAL INSECTICIDE ACT AND RELATED TO THE PESTICIDE HANDLING AND REPACKAGING AS AMENDED UNDER EPA REG. NO. 7122-42

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS

CAUTION: HARMFUL IF SWALLOWED. KEEP AWAY FROM HUMANS, DOMESTIC ANIMALS AND PETS. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPORS OR SPRAY MISTS. KEEP AWAY FROM FOOD, FEEDSTUFFS AND DOMESTIC WATER SUPPLIES. WASH THOROUGHLY AFTER HANDLING. DO NOT USE ON PETS OR WILDLIFE.

PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIREMENTS:

- HANDLER PPE: APPLICATIONS AND OTHER HANDLERS MUST WEAR:
 - LONG-SLEEVED SHIRT AND LONG PANTS
 - CHEMICAL RESISTANT GLOVES, SUCH AS BARRIER LAMINATE, BUTYL RUBBER, NITRILE RUBBER, OR VITON
 - SHOES PLUS SOCKS
- EARLY ENTRY PPE: PPE REQUIRED FOR EARLY ENTRY TO TREATED AREAS THAT IS PERMITTED UNDER THE WORKER PROTECTION STANDARD AND THAT INVOLVES CONTACT WITH ANYTHING THAT HAS BEEN TREATED, SUCH AS PLANTS, SOIL, OR WATER, IS:
 - COVERALLS
 - CHEMICAL-RESISTANT GLOVES, SUCH AS BARRIER LAMINATE, BUTYL RUBBER, NITRILE RUBBER, OR VITON
 - SHOES PLUS SOCKS

USER SAFETY RECOMMENDATIONS

USERS SHOULD:
WASH HANDS BEFORE EATING, DRINKING, CHEWING GUM, USING TOBACCO OR USING THE TOILET. REMOVE CLOTHING IMMEDIATELY IF PESTICIDE GETS INSIDE. THEN WASH THOROUGHLY AND PUT ON CLEAN CLOTHING.
REMOVE PPE IMMEDIATELY AFTER HANDLING THIS PRODUCT.
WASH THE OUTSIDE OF GLOVES BEFORE REMOVING. AS SOON AS POSSIBLE, WAS THOROUGHLY AND CHANGE INTO CLEAN CLOTHING.

PHYSICAL OR CHEMICAL HAZARDS
DO NOT USE, POUR, SPELL OR STORE NEAR HEAT OR OPEN FLAME.

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 INTERCALAR AREAS BELOW THE MEAN HIGH WATER MARK. DRIFT AND RUNOFF MAY BE HAZARDOUS TO AQUATIC ORGANISMS IN AREAS NEAR THE APPLICATION SITES. DO NOT CONTAMINATE WATER WHEN DISPOSING OF EQUIPMENT WASHWATERS.

THIS PRODUCT IS HIGHLY TOXIC TO BEES EXPOSED TO DIRECT TREATMENT OF BLOOMING CROPS OR BEES IF BEES ARE VISITING THE TREATMENT AREA.

AA-399 EPA REG. NO. 7122-42 NET WT. 4.54 LBS. (2.06 KG) CONTENTS 1

MALATHION WE
Emulsifiable Concentrate 50%

Product No. 2000

ACTIVE INGREDIENT.....	50.0
MALATHION O,O-DIMETHYL DITHIOPHOSPHATE OF DIETHYL MERCAPTOSUCCINATE).....	50.0
INERT INGREDIENTS.....	10.0
TOTAL.....	60.0

THIS PRODUCT CONTAINS THE INERT INGREDIENT XYLENE

KEEP OUT OF REACH OF CHILDREN
CAUTION

STATEMENT OF PRACTICAL TREATMENT
IF SWALLOWED: CALL A PHYSICIAN IMMEDIATELY OR POISON CONTROL CENTER. GASTRIC LAVAGE IS INDICATED IF MATERIAL IS TAKEN IMMEDIATELY. DO NOT INDUCE VOMITTING. VOMITTING MAY CAUSE aspiration pneumonia.

NOTE TO PHYSICIAN: GASTRIC LAVAGE IS INDICATED. ATROPINE SULFATE AND 2-PAM ARE SPECIFIC ANTIDOTES.
IF INHALED: REMOVE VICTIM TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF INDICATED.

IF ON SKIN: REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED AREA WITH SOAP AND WARM WATER.
IF IN EYES: FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.

SEE SIDE PANEL FOR ADDITIONAL CAUTIONS.



CAUTION

DO NOT USE IN CONDUITS OR ELECTRICAL SWITCH BOXES DUE TO POSSIBLE SHOCK.

BATCH NO. _____ PACKED BY _____

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. READ DIRECTIONS CAREFULLY. FOR ANY REQUIREMENTS SPECIFIC TO YOUR STATE OR TRIBE, CONSULT THE AGENCY RESPONSIBLE FOR PESTICIDE REGULATION.

AGRICULTURAL USE REQUIREMENTS

USE THIS PRODUCT ONLY IN ACCORDANCE WITH ITS LABELING AND WITH THE WORKER PROTECTION STANDARD, 40 CFR PART 170. THIS STANDARD CONTAINS REQUIREMENTS FOR THE PROTECTION OF AGRICULTURAL WORKERS ON FARMS, FORESTS, NURSERIES, GREENHOUSES AND THE HANDLERS OF AGRICULTURAL PESTICIDES. IT CONTAINS REQUIREMENTS FOR TRAINING, DECONTAMINATION, NOTIFICATION AND EMERGENCY ASSISTANCE. IT ALSO CONTAINS SPECIFIC INSTRUCTION AND EXCEPTION PERTAINING TO THE STATEMENTS ON THIS LABEL ABOUT PERSONAL PROTECTIVE EQUIPMENT (PPE) AND RESTRICTED-ENTRY INTERVAL. THE REQUIREMENTS IN THIS BOX ONLY APPLY TO USES OF THIS PRODUCT THAT ARE COVERED BY THE WORKER PROTECTION STANDARD.

DO NOT APPLY THIS PRODUCT IN A WAY THAT WILL CONTACT WORKERS OR OTHER PERSONS, EITHER DIRECTLY OR THROUGH DRIFT. ONLY PROTECTED HANDLERS MAY BE IN THE AREA DURING APPLICATION. DO NOT ENTER OR ALLOW WORKER ENTRY INTO TREATED AREAS DURING THE RESTRICTED ENTRY INTERVAL (REI) OF 12 HOURS.

EXCEPTION: IF THE PRODUCT IS SOIL-INJECTED OR SOIL-INCORPORATED, THE WORKER PROTECTION STANDARD, UNDER CERTAIN CIRCUMSTANCES, ALLOWS WORKERS TO ENTER THE TREATED AREA IF THERE WILL BE NO CONTACT WITH ANYTHING THAT HAS BEEN TREATED.

DOMESTIC AND NON-DOMESTIC OUTDOOR: OUTDOOR DOMESTIC DWELLINGS, AROUND COMMERCIAL AND INDUSTRIAL BUILDINGS, AROUND AGRICULTURAL BUILDINGS) OUTDOOR GARBAGE CANS, COMPOST/COMPOST PILES, GARBAGE DUMPS, AND CULL FRUIT AND VEGETABLE DUMPS. USE AT THE RATE OF 2 QUARTS PER 25 GALLON OF WATER (1 PINT TO 6 GALLONS). FOR BEST RESULTS ADD ONE POUND OF SUGAR FOR EACH GALLON OF FINISHED SPRAY. MIX WELL, SPRAY ALL SURFACES AND PLACES WHERE FLIES AND MOSQUITOES LIGHT OR CONGREGATE. USE A WETTING SPRAY AND SPRAY TO THE POINT OF RUN OFF. REPEAT AS NECESSARY.
TERRESTRIAL NON-FOODS: ORNAMENTAL FLOWERING PLANTS, ORNAMENTAL NURSERY STOCK AND ORNAMENTAL WOOD PLANTS.

FLOWERS, SHRUBS AND SHADE TREES: USE AT THE RATE OF 1 QUART PER 100 GALLONS OF WATER (2 TEASPOONS PER GALLON). MIX WELL AND SPRAY PLANTS THOROUGHLY. THIS SPRAY WILL KILL APIDS, RED SPIDER MITES, BABBOOMS, LEAF-HOPPER, THRIPS SCALDS, HEALYBUGS, WHITE FLIES, LEAF MINERS, LEAF BUGS, ADULT JAPANESE BEETLES, LACE BUGS, PLANTBUGS AND TENT CATERPILLARS. REPEAT TREATMENT AS NECESSARY. MAKE APPLICATIONS FOR SCALDS WHEN GRABLERS SETTLE. CAUTION: INJURY MAY OCCUR TO CERTAIN TENDER PLANTS SUCH AS CERTAIN FERNS AND SOME SPECIES OF BRASSULA. DO NOT TREAT THESE.

STORAGE AND DISPOSAL

DO NOT STORE OR USE NEAR HEAT OR OPEN FLAME. STORE ONLY IN THE ORIGINAL CONTAINER IN A LOCKED STORAGE AREA. DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. OPEN DUMPING IS PROHIBITED. KEEP AWAY FROM CHILDREN.

PESTICIDE AND DISPOSAL: PESTICIDE WASTES ARE TOXIC. IMPROPER DISPOSAL OF EXCESS PESTICIDE, SPRAY MIXTURE, OR RINSEATE IS A VIOLATION OF FEDERAL LAWS. IF THESE WASTES CANNOT BE DISPOSED OF BY USE ACCORDING TO LABEL, CONTACT YOUR STATE PESTICIDE OR ENVIRONMENTAL AGENCY OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE.

CONTAINER DISPOSAL: (METAL) TRIPLE RINSE OR EQUIVALENT. OFFER FOR RECYCLING OR RECONDITIONING OR PUNCTURE AND DISPOSE OF IN A SANITARY LANDFILL OR BY OTHER APPROVED PROCEDURES OF STATE AND LOCAL AUTHORITIES. (PLASTIC) TRIPLE RINSE OR EQUIVALENT. OFFER FOR RECYCLING OR RECONDITIONING OR PUNCTURE AND DISPOSE OF IN A SANITARY LANDFILL OR BY INCINERATION IF ALLOWED OR BY BURNING IF ALLOWED BY STATE AND LOCAL AUTHORITIES. IF BURNED, STAY OUT OF SMOKE