



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

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Mar 23 1994

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OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Nik Ramswick
UNIVERSAL COOPERATIVES INC.
P.O. BOX 460 7801 METRO PARKWAY
MINNEAPOLIS, MN 55440

Subject: Label Amendment Submission of 08/07/93 in Response to PR Notice 93-7
EPA Reg. No. 1386-352
METHOXYCHLOR EMULSIFIABLE CONCENTRATE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

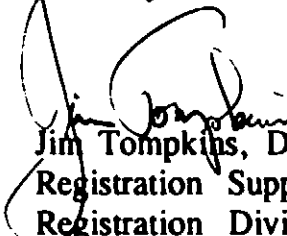
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

501

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Nik Ramswick
UNIVERSAL COOPERATIVES INC
P.O. BOX 460 7801 METRO PARKWAY
MINNEAPOLIS MN 55440

Comment for: EPA Reg Nr.1386-352
METHOXYCHLOR EMULSIFIABLE CONCENTRATE

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

Add the following User Safety Recommendation to the label in the location shown in Section A on Part 1 of the Product Worksheet in Supplement Three-A to PR Notice 93-7: "Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing."

The circled and asterisked statement(s) in the Non-Agricultural Use Requirements box does not belong. Delete the sentence(s) from the Non-Agricultural Use Requirements box and place it where it appeared in your original labeling. If there are no remaining requirements in the box after you delete the sentence(s), delete the entire Non-Agricultural Use Requirements box.

Delete the crossed-out statements on your proposed label. They are redundant statements or phrases.

Methoxychlor
Emulsifiable Concentrate

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAR 23 1994

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

1386-352

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel For Additional Precautionary Statements

ACTIVE INGREDIENTS:

Methoxychlor: 1,1,1-trichloro-2, 2-bis(p-methoxyphenyl) ethane*	25.0%
INERT INGREDIENTS**	75.0%
Total	100.0%

*Equivalent to 21.9% 2,2-bis(p-methoxyphenyl)-1,1,1-trichloro-ethane and 3.1% other isomers and related compounds. Contains 2 pounds technical methoxychlor per gallon. **Contains Aromatic Petroleum Derivative Solvent.

Net Volume: 1 Gallon

EPA Reg. No. 1386-352
EPA Est. No. 1386-OH-1



UNIVERSAL COOPERATIVES, INC., MINNEAPOLIS, MN 55440

291

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist.

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 G 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 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.

Engineering controls statements: When handlers use enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS:

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

STATEMENT OF PRACTICAL TREATMENT

~~IF ON SKIN~~, wash with soap and water. ~~Remove contaminated clothing and wash before reuse.~~ ~~IF IN EYES~~, flush eyes with plenty of water. Get medical attention. ~~IF INHALED~~, remove victim to fresh air. Apply respiration if indicated.

~~IF SWALLOWED~~, call a physician or Poison Control Center. Do not induce vomiting because of possible aspiration hazard. Get medical attention.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. 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. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat and open flame.

DIRECTIONS FOR USE

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

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. 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, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions 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 enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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 or viton
- *Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms,

1987
forests, nurseries, or greenhouses.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must inform workers of areas or fields that may not be entered without wearing specific protective clothing until sprays have dried and of appropriate actions to take in case of accidental exposure (refer to Statement of Practical Treatment). When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is a reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: "CAUTION. Area treated with Methoxychlor on (insert date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, follow these procedures: (insert information found under Statement of Practical Treatment)."

Do not enter or allow entry into treated areas until sprays have dried to perform hand labor tasks. A person may enter the area to perform other tasks only if the person is wearing the personal protective equipment listed on the label

This product is an emulsifiable insecticide to be mixed with water (forming an emulsion) for application as a spray to control certain insects listed in the following paragraphs.

BEEF CATTLE, SHEEP, GOATS AND HOGS—To control horn flies and lice, use 1 gallon mixed in 48 gallons of water (1 qt. in 12 gal.) to make a spray containing 0.5% methoxychlor. Apply as a spray only. Do not use in dipping vats. Apply the spray thoroughly to each animal, using 2 quarts per animal on large beef cattle and proportionally less on smaller animals, sheep, goats and hogs. Repeat treatment in 2 to 3 weeks, or as needed.

DO NOT APPLY TO DAIRY ANIMALS OR TO LACTATING GOATS.

GRAIN STORAGE BINS—To control accessible stages of certain insect pests of stored grain which remain in empty storage bins and other grain storage areas, such as cadelle, rice weevil, granary weevil, saw-toothed grain beetle, lesser grain borer, flat grain beetle, confused flour beetle and red flour beetle, use 1 gallon of this concentrate mix in 10 gallons of water (1 quart in 2 1/2 gallons of water) and spray inside and outside surfaces of empty bins, granaries and other storage facilities prior to filling with grain. Apply the spray at the rate of 1 gallon per 500 square feet to all surfaces on which the above insects rest or crawl, or where they rest or hide, using a coarse driving spray to penetrate into cracks and joints. Repeat as necessary.

DO NOT ADD GRAIN TO SPRAYED BINS OR OTHER STORAGE AREAS FOR AT LEAST 24 HOURS OR UNTIL THE SPRAYED SURFACES HAVE DRIED THOROUGHLY.

THOROUGHLY CLEAN BINS AND OTHER STORAGE AREAS ALWAYS PRIOR TO SPRAYING. Maintain good housekeeping and sanitation measures as a distinct aid in preventing and reducing insect infestations.

271

CROP USES

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

ALFALFA, CLOVER AND GRASS—To control spittlebug, leafhoppers, clover leaf weevil and alfalfa caterpillar, use 2 quarts (1.0 lb. methoxychlor) per acre. To control alfalfa weevil (larvae), alfalfa webworm, Lygus bugs, and fall armyworm, use 3 quarts (1.5 lbs. methoxychlor) per acre. Apply in the amount of water required for uniform thorough spray coverage which is usually 15 to 20 gallons per acre for boom sprayers. Begin application when insects first appear, usually in the spring, and repeat as necessary.

DO NOT APPLY TO ALFALFA, CLOVER AND GRASS FORAGE WITHIN 7 DAYS OF HARVEST OR GRAZING.

SOYBEANS, COWPEAS AND PEANUTS—To control velvet bean caterpillar and soybean caterpillar, use 2 to 3 quarts (1.0 to 1.5 lb. methoxychlor) per acre. To control Mexican bean beetle, Japanese beetle (adults), pea weevil, cowpea curculio, alfalfa looper and celery looper, use 3 1/2 quarts (1.75 lb. methoxychlor) per acre. Apply in the amount of water required for uniform thorough spray coverage, which is usually 15 to 20 gallons per acre for boom sprayers. Begin applications when insects first appear, or as soon as feeding is noticed, and repeat as necessary.

DO NOT APPLY TO PEANUTS WITHIN 7 DAYS OF HARVEST OR GRAZING. DO NOT APPLY TO SOYBEANS AND COWPEAS WITHIN 7 DAYS OF HARVEST. DO NOT GRAZE OR FEED TREATED COWPEA VINES OR COWPEA HAY TO LIVESTOCK. DO NOT GRAZE OR FEED TREATED SOYBEAN HAY OR STRAW TO LIVESTOCK.

VEGETABLE CROPS—To control the insects on the crops listed below, use 3 to 3 1/2 quarts (1.5 to 1.75 lb. methoxychlor) per acre in the amount of water required for uniformly thorough spraying of one acre. Begin applications when insects first appear and repeat at 7 to 10 day intervals as necessary.

ASPARAGUS—Asparagus beetles.

BEANS—Mexican bean beetle, bean leaf beetle and leafhoppers.

BEETS—Blister beetles and flea beetles.

CUCUMBERS, CANTALOUPEs, PUMPKINS, SUMMER AND WINTER SQUASH—Cucumber beetles.

EGGPLANTS—Flea beetles and leafhoppers.

LETTUCE—Leafhoppers.

POTATOES—Colorado potato beetle, leafhoppers and flea beetles.

TOMATOES—Blister beetles, flea beetles, fall armyworm, Japanese beetle (adults) and tomato fruitworm.

DO NOT APPLY TO CUCUMBERS, CANTALOUPEs, EGGPLANTS, PUMPKINS, SUMMER SQUASH, WINTER SQUASH AND TOMATOES WITHIN 1 DAY OF HARVEST. DO NOT APPLY TO ASPARAGUS WITHIN 7 DAYS OF HARVEST. DO NOT APPLY TO BEETS WITHIN 7 DAYS OF HARVEST (14 DAYS IF TREATED TOPS ARE TO BE USED FOR FOOD OR FEED). DO NOT APPLY TO BEANS WITHIN 3 DAYS OF HARVEST. DO NOT APPLY TO LETTUCE WITHIN 14 DAYS OF HARVEST.

STORAGE AND DISPOSAL

STORAGE: Do not store near heat or open flame. Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate 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: 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.

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.