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File



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

24 1993

Michael H. Watts
KINCAID ENTERPRISES INC.
P. O. Box 549
Nitro, WV 25143

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 11/01/93 in Response to PR Notice 93-7
EPA Reg. No. 41014-2
MARLATE 50 METHOXYCHLOR INSECTICIDE

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

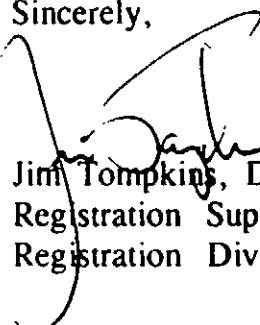
Submit the final printed labeling via the U.S. Postal Service to:

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Michael H Watts
KINCAID ENTERPRISES INC
BOX 549
NITRO, WV 25143

Comment for: EPA Reg Nr.41014-2
MARLATE 50 METHOXYCHLOR INSECTICIDE

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

Add the following statement to the "Personal Protective Equipment" section of your label: "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." The exact location for this statement is shown in Section A on Part 1 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

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

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

Correct the typographical errors circled on your proposed label.

411
ACCEPTED
with COMMENTS
to EPA Letter Dated

MAR 24 1971

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
41014-2



MARLATE 50[®]

INSECTICIDE

WETTABLE POWDER

**For Dairy And Beef Cattle & Certain Other Livestock
Crops • Buildings • Ornamentals**

ACTIVE INGREDIENT:

*Methoxychlor, Technical 50%

INERT INGREDIENTS 50%

*50% Methoxychlor, Technical is equivalent to 44% 2,2-bis (p-methoxyphenyl)-1,1,1-trichloroethane and 6% other isomers and reaction products.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching finger to back of throat.
If on skin: Wash thoroughly with soap and water.
If in Eyes: Flush with plenty of water.

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

BEST AVAILABLE COPY



NET 4 LBS.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS &
DOMESTIC ANIMALS

Precautionary Statements: Caution - Harmful if swallowed. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash ~~thoroughly after handling.~~ *delete*

Personal Protective Equipment: Handlers who may be exposed to the dilute through application or other tasks must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Handlers who may be exposed to the concentrate through mixing, loading, application, or other tasks must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

not needed if some PPE is there must be more with the

User Safety Recommendations: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. *(5)*

ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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 by cleaning of equipment or disposal of wastes.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Storage: Reclose container after each use. Store in a cool, dry place away from food or feed. If spilled, sweep up and dispose of below.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag, then dispose of bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of the smoke.

BEST AVAILABLE COPY

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.

Do not apply this product through any type of irrigation system.

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 restrictive-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
- Waterproof gloves
- Shoes plus socks

BEST AVAILABLE COPY

FARM BUILDINGS

(Except Poultry Houses)

For control of Stable Flies, Houseflies, Face Flies, Fleas, Mosquitos: Use 1 lb. in 2½ gals. of water. Apply 1 gal. of spray to 500 sq. ft. of surface, treating walls, floors, cracks, crevices, baseboards, pet bedding, stalls and pens. Such heavy deposits usually are effective for 3 to 6 weeks unless removed by weathering or other means. Care should be taken to avoid contamination of milk handling equipment, feed-stuffs, feed troughs, and water receptacles. Dairy animals should not be present while spraying. The use of any residual fly spray should be supplemented with proper sanitation measures, including spraying or removal of breeding sources such as manure in and around buildings.

CONTINUED ON BACK PANEL

MUSHROOM HOUSES—Mushroom Fly—Use 1 lb. in 3 gals. of water; apply 1 gal. of spray to 500 sq. ft. of beds, walls, floors, and posts. Apply 3 weeks and 1 week before emergence of mushrooms.

**GRAIN STORAGE BINS, ELEVATOR TUNNELS
(GALLERY FLOOR, HEADHOUSE),**

PEANUT WAREHOUSES, FREIGHT CARS, GRAIN TRUCKS, SHIPS' HOLDS

Aids in control of Cadelle, Flat Grain Beetle, Saw-Toothed Grain Beetle, Lesser Grain Borer, Red Flour Beetle, Long-Headed Flour Beetle, Rice Weevil, Granary Weevil, Confused Flour Beetle, Foreign Grain Beetle, and Hairy Fungus Beetle: Use 1 lb. in 2½ gals. of water; apply 1 gal. of spray per 500 sq. ft. of surface. Treat when empty.

STORED SEED

SEED POTATOES—Potato Tubeworm: Sprinkle "Marlate" 50 over potatoes at 0.2 oz. per 100 lbs. before placing in storage. Do not use treated seed for food or feed purposes.

FLOWERS, ORNAMENTALS

For control of Blister Beetles, Cankerworms, Cucumber Beetles, Flea Beetles, Fleahoppers, Flower Thrips, Japanese Beetle, Leafhoppers, Rose Chafer, Rose Slugs (sawflies): Use 2 to 3 lbs. per 100 gals. of water, or 2 tablespoonfuls per gal.; spray thoroughly to runoff. Begin applications when insects first appear and repeat at 7 to 14-day intervals or as needed.

SHADE TREES AND SHRUBS

Tent Caterpillars, Cankerworms, Japanese Beetle: use 2 to 3 lbs. per 100 gals. of water, or 2 tablespoonfuls per gal.; spray thoroughly to runoff. Begin applications when insects first appear and repeat at 7 to 14-day intervals as needed.

LIVESTOCK

DAIRY CATTLE—Direct Dusting for Control of Hornflies: Use one rounded tablespoonful per animal. Sprinkle on poll, neck (top and sides), and back and upper sides; rub in lightly to carry powder beneath the hair. Repeat treatment every 3 weeks as needed. Do not use on dairy goats. Do not apply to lactating animals within five (5) hours of milking or during milking.

BEEF CATTLE; SHEEP; SWINE; NON-LACTATING DAIRY CATTLE; NON-LACTATING GOATS—For control of Hornflies, Lice and Fleas: Repeat treatment every 3 weeks as needed; may be used on young dairy animals up to two weeks of freshening.

Spray or Dip—Use 2 lbs. in 25 gals. of water. As a spray, wet animals to the skin. For control of tail louse of cattle, use 4 to 6 lbs. in 25 gals. of water and apply as a spray on the infested tail only. Do not dip calves under one month of age.

Direct Dusting—Dust animal thoroughly; rub in lightly to carry powder beneath the hair. Application on sheep, following shearing, gives temporary relief from sheep ticks (keds).

AGRICULTURAL CROPS

Apply "Marlate" 50 at recommended rates as a spray with ground or aerial equipment to thoroughly cover foliage and fruit. Mix "Marlate" 50 in water using the appropriate volume of water for equipment to be used (for example, 5 to 20 gals. per acre for aircraft or ground concentrate sprayers and greater amounts for high volume sprayers). Continuous agitation is required to keep the material in suspension. For small areas, use 2 tablespoonfuls "Marlate" 50 per gal. of water and apply as a thorough coverage spray.

Note: "Marlate" 50 may also be used as a dust by diluting with any suitable diluent, preferably talc or pyrophyllite. Use equivalent rates of "Marlate" 50 per acre.

Begin application at first sign of infestation (for fruits, begin at petal fall) and repeat at 7 to 14-day intervals or as needed. Do not apply to crops within the number of days specified before harvest or grazing as shown by PHL (preharvest limitation).

FORAGE AND FIELD CROPS

ALFALFA, CLOVER, COWPEA, FORAGE GRASSES—Alfalfa Caterpillar, Alfalfa Weevil (larvae), Clover Leaf Weevil, Blister Beetles, Leafhoppers, Cucumber Beetles, Mexican Bean Beetle, Webworms, Armyworm, Fall Armyworm, Cowpea Curculio, Flea Beetles, Japanese Beetle, Pea Weevil, Spittlebugs, Velvet Bean Caterpillar: 2 to 6 lbs. per acre. PHL: 7 days

PEANUT, SOYBEAN—Velvet Bean Caterpillar, Mexican Bean Beetle, Japanese Beetle, Blister Beetles, Garden Weevils, Alfalfa Webworm, Cowpea Curculio, Leafhoppers, Fall Armyworm: 2 to 6 lbs. per acre. PHL: 7 days.

FRUITS

APPLE, PEAR, QUINCE—Apple Maggot, Codling Moth, Japanese Beetle, Plum Curculio, Tent Caterpillars: 7½ to 15 lbs. per acre, or 2 to 3 lbs. per 100 gals. water at 350 to 500 gals. per acre. PHL: 7 days.

APRICOT, CHERRY, NECTARINE, PEACH, PLUM, PRUNE—Cherry Fruitworm, Cherry Fruitflies, Japanese Beetle, Plum Curculio, Rose Chafer, Tent Caterpillar, Cankerworms: 7½ to 15 lbs. per acre, or 2 to 3 lbs. per 100 gals. water at 350 to 500 gals. per acre. PHL: 7 days for cherries, plums, prunes; 21 days for apricots, nectarines, plums.

DIRECTIONS CONTINUED FROM BACK PANEL

BLUEBERRY, CRANBERRY, CURRANT GOOSEBERRY—Japanese Beetle, Cranberry Fruitworm, Leafhoppers, San Jose Scale (crawlers) Strawberry Rootworm, Blueberry Flea Beetle Larvae, Blueberry Leaf Beetle, Blueberry Leaf Tie Larvae: 2 to 6 lbs. per acre, or 2 to 3 lbs. per 100 gals. of water: at 100 to 200 gals. per acre. PHL: 14 days

BLACKBERRY, LOGANBERRY, RASPBERRY, BOYSENBERRY, DEWBERRY, YOUNGBERRY, STRAWBERRY—Rose Chafer, Strawberry Weevil, Flea Beetles, Omnivorous Leaf Tier, Spittlebugs, Japanese Beetle, Rednecked Cane Borer: 2 to 3 lbs. per acre, or per 100 gals. per acre. PHL: 14 days.

GRAPE—Berry Moth, Grape Leafhopper, Japanese Beetle, Leaf Skeletonizer, Rose Chafer: 2 to 6 lbs. per acre or 2 to 3 lbs. per 100 gals. water at 100 to 200 gals. per acre. PHL: 14 days.

VEGETABLES

ASPARAGUS—Asparagus Beetles: 2 to 4½ lbs. per acre. PHL: If applied within 3 days of harvest, remove residues by washing or blanching.

BEANS, BLACK-EYED PEAS—Corn Earworm, Cucumber Beetles, Fall Armyworm, Alfalfa and Garden Webworms, Flea Beetles, Mexican Bean Beetle, Potato Leafhopper, Bean Leaf Beetle, Japanese Beetle: 2 to 6 lbs. per acre. PHL: 7 days; apply within 3 days of harvest if vines are not used for feed or forage.

BRUSSELS SPROUTS, BEETS, BROCCOLI, CABBAGE, CARROT, CAULIFLOWER, COLLARD, EGGPLANT, KALE, KOHLRABI, LETTUCE, PEPPER, RADISH, RUTABAGA, SPINACH, TURNIP—Blister Beetles, Flea Beetles, Leafhoppers, Alfalfa Looper, Fall Armyworm, Japanese Beetle, Imported Cabbageworm: 2 to 4½ lbs. per acre. PHL: 14 days, except cauliflower and rutabaga, 7 days; cabbage, 3 days; eggplant, kohlrabi, and pepper, 7 days; 1 day at 3½ lbs. per acre or less.

CORN—Fall Armyworm, Armyworm, Japanese Beetle, Flea Beetles: 2 to 4½ lbs. per acre. PHL: 7 days.

CUCUMBERS, MELONS, PUMPKIN, SQUASH, SUMMER SQUASH—Squash Vine Borer, Fall Armyworm, Cucumber Beetles, Flea Beetles—2 to 6 lbs. per acre. PHL: 1 day for rates of 3½ lbs. per acre and below; otherwise, 7 days.

PEAS—Alfalfa Looper, Pea Weevil (to foliage early bloom before eggs are laid and again 5 days later), Bean Leaf Beetle: 2 to 6 lbs. per acre. PHL: 7 days.

POTATO (IRISH)—Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Blister Beetles: 2 to 4½ lbs. per acre. PHL: None

SWEET POTATO, YAM—Fall Armyworm, Flea Beetles—2 to 4½ lbs. per acre. PHL: None.

TOMATO—Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Blister Beetles: 2 to 6 lbs. per acre. PHL: 1 day for rates of 3½ lbs. and below; otherwise, 7 days.

NOTICE OF WARRANTY

Kelco Enterprises, Inc. 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 this product. Crop injury, abnormal or unexpected results, 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 K.E.I., Inc. In no case shall K.E.I., Inc. be liable for any consequential or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. K.E.I., INC. MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS SET FORTH ABOVE.