

OCT 29 1991

A. Kevin Margo
Clarke Mosquito Control Products
159 Garden Avenue
P.O. Box 72288
Roselle, IL 60172

Dear Mr. Margo:

Subject: CSF and Label revision
Pyrethrins ULV 3610-MO
EPA Reg. No. 8329-28
Submission: October 15, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

1. Add the petroleum distillate percentage to the label inert ingredient value. As presently written, the percentages do not add up to 100. Provide this footnote to the ingredient statement: Contains Petroleum Distillates.

2. Add an appropriate Statement of Practical Treatment to the label. Include the statement "Do not induce vomiting due to aspiration pneumonia hazard" under treatment for "if swallowed".

3. Separate the Precautionary Statements paragraphs with the sub headings Hazards to Humans and Domestic Animals, Physical or Chemical Hazards, and Environmental Hazards, including the appropriate information under each.

4. Remove the footnote regarding MGK 264 since the product has been removed from the formulation.

The formulation dated October 9, 1991, is acceptable and it is understood that MGK 264 may no longer be included in this registered pesticide formulation.

Sincerely,



Richard F. Mountfort
Product Manager 10
Insecticide/Rodenticide Branch
Registration Division (H7505C)

PRECAUTIONARY STATEMENTS

CAUTION

Harmful if swallowed. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. When using the product in these areas, apply only when the facility is not in operation.

Do not breathe spray mist. Wear mask or respirator of a type recommended by the U.S. Bureau of Mines to give adequate protection against this material. Wear protective clothing. Wash hands, arms and face with soap and water after handling and before smoking. Wash all contaminated clothing with soap and water before re-use.

This product is toxic to fish. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Mix well in container before each use. **DO NOT POUR OR SPILL NEAR OPEN FLAME.**

DIRECTIONS FOR USE

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

General: This Concentrate is designed for use undiluted in mechanical sprayers which give particle sizes of aerosol size, such as the LECO MINI II, or portable units such as the LECO P1 or Colt ULV Machine. It can be diluted with refined kerosenes or mineral oil which meet Food Additive Regulations 121.1182 and can be applied in fogging equipment that gives larger than aerosol particle size, such as the Colt ULV machines. It can also be diluted with oil specified above and applied as a contact spray to kill crawling insects shown later on this label.

NOTE: This spray when diluted properly as described, and applied per the directions and cautions given above, conforms with Food Additive Regulations 121.1074, 121.1075 and 121.1205 and the food additive tolerances established thereunder.

FOR USE IN POULTRY HOUSES, DAIRY AND BEEF BARN, SWINE HOUSING—To Control Flies and Other Airborn Insects: Close room or warehouse and shut off all ventilating systems. Use undiluted in ULV aerosol equipment to dispense this product. It is not necessary to remove birds or other animals during application. Direct spray into areas of the room frequented by these insects, hitting as many insects as possible. Then spray into the air at a rate of up to 1/2 gallon of spray per 50,000 cu. ft. of space. Repeat application as needed as indicated by the Clarke Fly Spotter or Fly Jug. Leave room closed for up to 30 minutes after application. Do not remain in treated areas and ventilate before re-entry. If infestation is light then this material may be diluted at a rate of one part Pyrethrins 3810 to two parts mineral oil and applied at a rate of up to 1 1/2 gallons per 50,000 cubic feet.

To achieve the following percentage of Pyrethrins, mix:

% Pyrethrins	Parts Pyrethrins ULV 3810-MO	Parts Clarke Neutral Solvent
1/2%	1	5
1%	1	2
1 1/2%	1	1
2%	1	1/2
2 1/2%	1	1/5
3%	Undiluted	None

ACTIVE INGREDIENTS:

Pyrethrins	3.00%
*Piperonyl butoxide, technical	6.00%
**Inert Ingredients	79.00%
	100.00%

*Equivalent to 4.80% (butylcarbityl) (6-propylpiperonyl) ether and 1.20% related compounds.

†MGK* 264, Insecticide Synergist.

CAUTION

KEEP OUT OF REACH OF CHILDREN

MANUFACTURED BY
CLARKE MOSQUITO CONTROL PRODUCTS, INC.

159 N. GARDEN AVENUE
ROSELLE, ILLINOIS 60442

E.P.A. EST. No. 83291L01

AGREEMENTS
with COMMENTS
In EPA Letter Dated
OCT 29 1991

E.P.A. Reg. No. 8329-28

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 8329-28

NET CONTENTS

NOTICE: Seller makes no warranty, expressed or implied concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when use and/or handling is contrary to label instructions.

To Kill FLIES, MOSQUITOES and GNATS in open areas. Use at a time when the temperature is cool (75° F or less) and the wind velocity is approximately 5 mph. With ULV aerosol equipment, spray undiluted at a dosage rate of 5 ounces per minute upwind of the area to be controlled.

If the equipment is truck mounted, keep the speed at approximately 5 mph and treat a swath width of no more than 300 feet.

TEMPORARY REDUCTION OF ANNOYANCE FROM FLIES, MOSQUITOES and SMALL FLYING MOTHS IN DOORS. The aforementioned application for outdoor ground application will afford temporary reduction of annoyance from these pests in public gathering places (drive-in restaurants, drive-in theaters, golf courses, municipalities, parks, playgrounds and recreational areas). Direct application into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. Avoid wetting foliage. Application should be made prior to attendance. Repeat as necessary.

In additional outdoor areas (corrals, feed lots, swine lots and zoos), cover water, drinking fountains and animal feed before use. Fill area with mist, directing application into tall grass shrubbery and around lawns where these pests may hover or rest, apply while air is still. Avoid wetting foliage in zoos, avoid exposure of reptiles to the product. Repeat as necessary.

THERMAL FOGGING APPLICATIONS for MOSQUITOES and OTHER FLYING INSECTS. Mix 1 part Pyrethrins ULV 3610-MO with 15 parts No. 2 fuel oil, diesel or kerosene type oil suitable for fogging use. Apply the finished fog solution with any standard thermal fog machine calibrated to deliver 4L gallons per hour (85 fluid ounces per minute) at an average speed of 5 mph to cover a swath of up to 300 feet. To achieve 100 gallons of finished spray mix 6 gallons Pyrethrins ULV 3610-MO with 94 gallons fuel oil. For small batches the following table may be used as a guide.

Gallons of Finished Spray	Pyrethrins 3610-MO	Fuel Oil
1	8 Fl. Oz.	120 Fl. Oz.
2	16 Fl. Oz.	240 Fl. Oz.
5	40 Fl. Oz.	600 Fl. Oz.

FOR USE IN HOMES, RESTAURANTS AND INDUSTRIAL INSTALLATIONS: Space Spray—Undiluted In Aerosol Generators—To Kill Flies, Mosquitoes, Small Flying Moths and Gnats: Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Apply at the rate of one oz. of undiluted Concentrate per 1,000 cu. ft. of space. Direct output from aerosol generator upward toward upper corners of room and ceiling. Leave room closed for ½ hour. Do not remain in treated areas. Ventilate room thoroughly before re-entry.

Space Spray—Diluted for Use In Aerosol Generators to Kill Flies, Mosquitoes, Gnats, Small Flying Moths and Exposed Cockroaches: Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Dilute Concentrate with Clarke Neutral Solvent at the rate of 1 part Concentrate plus 29 parts of Solvent and mix well. Apply at the rate of 50 fl. oz. of diluted spray (.4 gal.) per 25,000 cu. ft. of space. Direct fog upward toward upper corners of room and ceiling area. Leave room closed for ½ hour. Do not remain in treated areas. Ventilate room thoroughly before re-entry.

Kill the Accessible Stages of RICE WEEVIL, YELLOW MEALWORM CADELLE, CONFUSED FLOUR BEETLE, SAW-TOOTHED GRAIN BEETLE, ANGOUMOIS GRAIN MOTH, RED-TERRANEAN FLOUR MOTH, and INDIAN MEAL MOTH in food warehouses, storage rooms and similar areas. Close room or warehouse and shut off all ventilating systems. Use a spraying device similar to the LECO P1 or Colt ULV equipment. Direct spray into corners, under pallets and around stacks of packaged goods, hitting as many insects as possible. Then spray at the rate of ½ fl. oz. of spray per 1,000 cu. ft. of space. Repeat applications as necessary. Leave room closed for one hour after application. Do not remain in treated areas and ventilate prior to re-entry. Infested package goods should be fumigated or treated by other effective means using an approved product intended for this purpose.

To Kill ROACHES, SILVERFISH, EARWIGS, ANTS and SPIDERS: Apply in LECO or similar equipment adjusted to coarse spray. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes, and in all places where these insects hide. Contact as many insects as possible. Do not allow spray to contact stored food. Repeat treatment as necessary for control.

Kills the Accessible Stages of INDIAN MEAL MOTH, DRIED FRUIT BEETLE, and CONFUSED FLOUR BEETLE in dried fruit products storage areas or processing areas. Close room or warehouse and shut off all ventilating systems. Use a spraying device similar to the LECO P1 or Mini II to dispense this product. Do not apply to dried fruit directly. Direct spray into areas of the room frequented by these insects, hitting as many insects as possible. Then spray into the air above the trays at a rate of ½ gallon of spray per 50,000 cu. ft. of space. Repeat application every 30 days. Leave room closed for one hour after application. Do not remain in treated areas and ventilate before re-entry. Infested stored dried fruit should be fumigated or treated by other effective methods using an approved product intended for this purpose.

FOR USE ON ANIMALS: To protect beef and dairy cattle, horses and dogs from HORN FLIES, HOUSE FLIES, MOSQUITOES, AND GNATS, dilute 1 part of concentrate plus 29 parts oil (refined kerosene) and mix well. Apply a light mist, sufficient to wet the tips of the hair. To control STABLE FLIES, HORSE FLIES, and DEER FLIES on beef and dairy cattle and horses, apply 2 ounces per adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment once or twice daily or at intervals to give continued protection. To control the mobile stages of BLOOD SUCKING LICE on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 ounces or less per animal and repeat 2 to 3 weeks as required.

STORAGE AND DISPOSAL

Storage: Store in a cool, dry place. Keep container closed.

Pesticide Disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or Local procedures.

Container Disposal: Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and Local procedures.

FOR MORE INFORMATION, CALL
1-800-323-5727 (Outside Illinois)
1-800-942-2555 (Inside Illinois)