

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

8329-45

Date of Issuance:

Term of Issuance:

Conditional

Name of Pesticide Product:

Permethrin RTU

NOTICE OF PESTICIDE:
[X] Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Clarke Mosquito Control Products, Inc.
P.O. Box 72288
159 N. Gargen Avenue
Roselle, IL 60172

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phase "EPA Registration No. 8329-45

b. Under DIRECTIONS FOR USE add "Do not use this product in or on electrical equipment due to the possibility of shock hazard."

Signature of Approving Official:

Date:

EPA Form 8570-6

CONCURRENCES

Table with 7 columns and 3 rows for CONCURRENCES. Rows are labeled SYMBOL, SURNAME, and DATE. Handwritten entries include '3-50', 'A.B.', and '11/9/85'.

c. Replace the HAZARDS TO HUMANS AND DOMESTIC ANIMALS section with "Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling."

d. Under STATEMENT OF PRACTICAL TREATMENT add "IF ON SKIN: Wash with plenty of soap and water. Get medical attention."

e. The data submitted (basic formulation Confidential Statement of Formula (CSF) dated March 6, 1992) do not satisfy the data requirements of 40CFR158.151 and 158.175 respectively. The CSF does not comply with PR Notice 91-2. The nominal concentration of active ingredient is 6.92%, the upper certified limit and lower certified limit should be calculated on the basis of nominal concentration in accordance with 40CFR158.175b. You must submit a revised CSF.

**ACUTE TOXICITY REVIEW**

STUDY	MRID	CATEGORY	CLASSIFICATION
Acute Oral	43469502	IV	Acceptable
Acute Dermal	43469503	III	Acceptable
Acute Inhalation	43469504	IV	Acceptable
Eye Irritation	43507001	IV	Acceptable
Dermal Irritation	43469505	III	Acceptable
Dermal Sensitization	43469506	Non-sensitizer	Acceptable

A copy of the review is enclosed.

3. Submit two (2) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Enclosures

**Precautionary Statements  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

**STATEMENT OF PRACTICAL TREATMENT**

If Swallowed, call a physician or Poison Control Center. Do not induce vomiting. This product contains aromatic petroleum solvent. Aspiration may be a hazard.

**ENVIRONMENTAL HAZARDS**

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

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

**CONDITIONS and RATES to USE  
for MOSQUITO CONTROL  
FOR A BARRIER SPRAY**

This product is effective for reducing mosquito annoyance and control of mosquitoes that may transmit diseases such as La Crosse encephalitis, dog heartworm, dengue fever and western encephalitis. Apply product with mist blower, power backpack or ULV machine. If ULV machine is used, adjust pressure to deliver particles from 35-200 microns. Do not allow spray treatment to drift on pasture land, crop land, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture.

Normal use pattern of product requires a residual application on plant and other surfaces where mosquitoes may rest. Product commonly provides sustained control in wooded areas lasting up to 14 days in shaded areas. Secondary activity of product is through repellency. Apply product undiluted by ground application equipment such as mist blower, ULV equipment, power backpack or pressure sprayer. Not to be used within 100 feet (30 meters) of lakes and streams. To kill or repel mosquitoes, midges, deer flies and other biting flies, apply 0.1 pounds of Permethrin per acre. To achieve this dosage, apply Permethrin RTU undiluted over a 50 foot swath at a walking speed of 2 mph with a flow rate of 5.0 fluid ounces per minute. This will result in 25 fluid ounces of Permethrin RTU per acre.

This is equivalent to 0.1 lb. of Permethrin/Acre. Apply the product so as to allow distribution over the area to be treated using particle sizes from 35-200 microns mmd. To obtain optimum results, cover the immediate surroundings or housing, buildings including plant surfaces where mosquitoes may rest. For large recreational areas such as football fields, stadiums, racetracks, and public parks, spray this product undiluted at the above mentioned application rate on the interface of woods surrounding the main area where the event is to take place. Spray may also be applied in any vegetated area where mosquitoes may rest and cause infestations in residential areas.

To Kill Gypsy Moths and Tent caterpillars infesting woodland and forest areas: Apply directly to insect nests and vegetation by backpack applicator using 82 Fl. Oz. / acre at a walking speed of 2 MPH over a swath of 50 feet, applying 12.6 Fl. Oz. / minute. This is equivalent to 0.25 lb. of Permethrin/acre. Apply thoroughly to all foliage and insect nests.

**ACTIVE INGREDIENTS:**

Permethrin (3-Phenoxyphenyl)methyl (+) cis, trans-3-(2,2-dichloroethenyl)-2,2-dimethyl- cyclopropanecarboxylate .....	6.92%
INERT INGREDIENTS .....	93.08%
	100.00%

Contains petroleum distillates.

Cis/trans isomers ratio: min. 35%(+)cis and max. 65%(+)trans.

Contains 0.5 lb./gal. Permethrin

**CAUTION**

**KEEP OUT OF REACH OF  
CHILDREN**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
MANUFACTURED BY

**CLARKE MOSQUITO CONTROL  
PRODUCTS, INC.**

159 N. GARDEN AVENUE  
ROSELLE, ILLINOIS 60172

E.P.A. EST. No. 8329IL01

EPA Reg. No. 8329-

**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.

**TRUCK MOUNT**

PERMETHRIN RTU is recommended for use as a nonthermal aerosol (cold fog) to control adult mosquitoes and Blackflies, apply PERMETHRIN RTU as a nonthermal aerosol in fields, golf courses, residential areas, areas and overgrown waste areas, lakes and streams. Do not allow spray to drift on poultry ranges, or water supplies. For best results, apply when weather conditions are conducive to mosquito activity. Temperatures and wind speed not greater than 10 mph. Application at night or early morning is usually best.

**U.L.V. Nonthermal Aerosol (Cold Fog)** and Blackflies, apply PERMETHRIN RTU as a nonthermal aerosol in fields, golf courses, residential areas, areas and overgrown waste areas, lakes and streams. Do not allow spray to drift on poultry ranges, or water supplies. For best results, apply when weather conditions are conducive to mosquito activity. Temperatures and wind speed not greater than 10 mph. Application at night or early morning is usually best.

For proper application, mount the tank on the ground level and directed out the back of the truck. May result in reduced effectiveness. U.L.V. equipment capable of producing a flow rate of 2.0 to 6.0 fluid ounces of product per acre. Use higher flow rate in heavy vegetation. Flow rate meter must be used to ensure the proper application rate.

**STORAGE**

Do not contaminate water, food or feed.

**PESTICIDE STORAGE AND DISPOSAL:** Store below 40°F (4.5°C). If this material is stored in a container, there may be precipitation. Check for leaks and thoroughly mix before using. Avoid exposure to heat and fire. Store up with an absorbent material such as vermiculite with chemical waste.

**PESTICIDE DISPOSAL:** Was disposed of on site or at an approved site.

**CONTAINER DISPOSAL:** Triple rinse or equivalent, then recycle, reuse, or dispose of in a sanitary manner. Do not reuse containers for food or drink. Dispose of in a sanitary manner, by burning, or by other approved state or local procedures.

**CONTAINERS ONE GALLON AND SMALLER:** containers in several layers of newspaper.

**CONTAINERS LARGER THAN ONE GALLON:** equivalent. Then offer for recycling, reuse, or disposal in a sanitary landfill, or by other approved state or local procedures. Containers—Triple rinse or equivalent, then recycle, reuse, or dispose of in a sanitary manner, by burning, or by other approved state or local authorities, by burning. If burned, dispose of in a sanitary landfill or by other approved state or local procedures.

**FOR MORE**

1-8