

8329-34

10/24/1989

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 8329-34	DATE OF ISSUANCE OCT 24 1989
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME OF PESTICIDE PRODUCT STRIKE 4-12 ULV		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Clarke Outdoor Spraying Company, Inc.
 159 North Garden Avenue
 P.O. Box 72289
 Roselle, IL 60172

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220522

NOTE: Changes in labeling formula 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 U.S. EPA registration.

On the basis of information furnished by the registrant, the pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A statement of labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his own initiative at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any pesticide in connection with the registration of a product under this Act is not to be construed as giving the registrant a right of 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 section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of this product under FIFRA section 3(c)(7) when the Agency requires all similar products to submit such data.

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

- a. Add the phrase "EPA Registration No. 8329-34."
- b. Delete the statement "For Application By Trained Personnel Only" and replace it with the statement "For Application Only By Public Health Officials and Trained Personnel of Mosquito Abatement Districts and Other Mosquito Control Programs."
- c. Expand the Statement of Practical Treatment to read as follows:

If Swallowed: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
<i>[Signature]</i>	10/24/89

- If Inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.
- If On Skin: Remove contaminated clothing and wash affected areas with soap and water.
- If In Eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

d. The statements "MAY BE FATAL IF SWALLOWED, CAUSES EYE IRRITATION" should be deleted since the acute toxicity data received did not indicate this type of precautionary wording. In addition, the statements "Avoid breathing of mist" and "Do not contaminate food or feed products, wash thoroughly after handling" should be grouped together under the Precautionary Statements subheading and the statement "Avoid contact with skin or eyes. In case of contact, flush skin or eyes with plenty of water" may be deleted since it will appear in the Statement of Practical Treatment section.

e. The Environmental Hazards statement should be revised to read as follows:

This product is extremely 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 adjacent areas. Do not contaminate water when dis-posing of equipment washwaters. Apply this product only as specified on this label.

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 while bees are actively visiting the treatment area.

f. The statement should read ". . . wind speed not greater than 5 mph" and ". . . when wind is less than 5 mph."

g. In the Storage and Disposal section for disposal of pesticide, revise the statement to read as follows:

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

h. Add a footnote to the label ingredient statement indicating:

Contains petroleum distillates.

i. The statement must read "Do not apply this product within 100 feet (30 meters) of lakes and streams."

j. Indicate the target dose rate, i.e., pounds active ingredient per acre in the directions for use. Also indicate the pounds active ingredient per gallon on the front panel.

3. Within 14 months from the date of this Registration Notice, you must submit a storage stability study on the formulated product. The product must be analyzed for its active ingredient at time zero and during a year of storage. The storage should be in warehouse conditions of temperature and humidity and stored in similar containers you will be using in the trade. Note: For the storage stability study, you cannot reference the concentrate you are using to formulate your product.

4. You must submit the corrosion characteristics of this product. This information can be noted during the storage stability study.

5. For petroleum oil, please explain why the lower limit is higher than the upper limit.

6. Submit five (5) 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.

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosures



CLARKE

STRIKE 4-12 ULV

For Application by Trained Personnel Only. An All Temperature, Quick Knockdown, Low Odor, Non-Corrosive, Synthetic Pyrethroid for Control of Adult Mosquitoes In Residential and Recreational Areas. Also For Use Against Biting and Non-Biting Midges and Blackflies.

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 product is extremely toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Keep out of lakes, streams or ponds, tidal marshes or estuaries. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Flashpoint minimum of 170°F.

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

Do not apply this product within 100 feet of fish bearing areas. STRIKE 4-12 ULV is recommended for application as an ultra low volume (U.L.V.) nonthermal aerosol (cold fog) to control adult mosquitoes in residential and recreational areas where these insects are a problem. For best results treat when mosquitoes are most active and weather conditions are conducive to keeping the fog close to the ground, e.g. cool temperatures and wind speed not greater than 10 mph. Application during the cool hours of the night or early morning is usually preferable. Repeat treatment as needed.

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

E.P.A. Reg. No. 8329

NET CONTENT:

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 24 1989

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

ACTIVE INGREDIENTS:

Permethrin (3-Phenoxyphenyl)methyl (±) cis, trans-3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylate	4.00% w/w
Technical Piperonyl Butoxide	12.00%
INERT INGREDIENTS	84.00%
	100.00% w/w

CAUTION

KEEP OUT OF REACH OF CHILDREN

MAY BE FATAL IF SWALLOWED.

CAUSES EYE IRRITATION.

Avoid breathing of mist.

Avoid contact with skin or eyes. In case of contact, flush skin or eyes with plenty of water.

Wash thoroughly after handling.

Do not contaminate food or feed products.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MANUFACTURED BY

CLARKE OUTDOOR SPRAYING CO., INC.
159 N. GARDEN AVENUE
ROSELLE, ILLINOIS 60172

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.

U.L.V. Nonthermal Aerosol (Cold Fog) Application: To control Mosquitoes, Midges and Blackflies, apply STRIKE 4-12 ULV using any standard U.L.V. ground applicator capable of producing a nonthermal aerosol spray with droplets ranging in size from 5 to 30 microns and a mass median diameter (MMD) of 10 to 20 microns. Apply the product undiluted at a flow rate of 4.5 to 18.00 fluid ounces per minute at an average vehicle speed of 10 mph. If a different vehicle speed is used, adjust rate accordingly. Vary flow rate according to vegetation density and mosquito population. Use higher flow rate in heavy vegetation or when populations are high. An accurate flow meter must be used to ensure the proper flow rate. For proper application, mount the fog applicator so that the nozzle is at least 4 1/2 feet above ground level and directed out the back of the vehicle. Failure to follow the above directions may result in reduced effectiveness. Aerial applications should be done by suitable aerial U.L.V. equipment capable of producing droplets with an MMD of 50 microns or less with no more than 2.5% exceeding 100 microns. Flow rate and swath width should be set so as to achieve 3.0 fluid ounces of STRIKE 4-12 ULV per acre. Application should be made when wind is less than 10 MPH. Do not apply directly to lakes, ponds, or streams.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

CONTAINERS ONE GALLON AND SMALLER: Do not reuse container. Wrap containers in several layers of newspaper and discard in trash.

CONTAINERS LARGER THAN ONE GALLON: Metal Containers—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. Plastic Containers—Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Then 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)

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