

MAY 21 1991

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
8329-33

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

BIOMIST 3 + 15 ULV

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Clark Outdoor Spraying Company, Inc.
159 North Garden Avenue
P.O. Box 72268
Roselle, IL 60172

161 / 5392473
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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 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.

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

Registration is in no way to be construed as an indorsement or approval of this product by this 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 section 3(c)(7)(A) provided that you:

1. Submit/cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) and FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 8329-33" to your label before you release the product for shipment.
3. Note the correct declaration of "Piperonyl Butoxide, Technical." Piperonyl butoxide, technical equivalent on the label is 90 and 10 percent related compounds. Most piperonyl butoxide, technical is 80 + 20 percent related. Please explain the rationale or change so that it reflects the proper equivalent.
4. We have no knowledge of an April 30, 1990 letter from you, transmitting a full 1 year storage stability study. Please provide us with the EPA assigned MRID Number, otherwise a 1 year study is required.
5. We acknowledge the subject product name change.

BEST AVAILABLE COPY

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

5/1/91

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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

BEST AVAILABLE COPY

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Wash thoroughly after handling. Avoid breathing of mist. Do not contaminate food or feed products.

STATEMENT OF PRACTICAL TREATMENT

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.

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.

ENVIRONMENTAL HAZARDS

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 disposing 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 areas.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Flashpoint minimum of 300 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

Permethrin/PBO pounds/acre	Application Rates Fl oz /Min			Fl oz Biomist 3-15 per acre
	5MPH	10MPH	15MPH	
0.005/0.0264	9.0	18.0	27.0	3.0
0.00264/0.0132	4.5	9.0	13.5	1.5
0.00088/0.0044	1.5	3.0	4.5	0.5

Do not apply this product within 100 feet of fish-bearing areas. BIOMIST 3-15 U.L.V. 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 and other non-cropland 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. Do not apply this product within 100 feet (30 meters) of lakes and streams. Do not allow spray treatment to drift on pastured and cropland poultry ranges, or water supplies.

ACTIVE INGREDIENTS

Permethrin (3-Phenoxyphenyl)methyl ester, cis-trans 3-(2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylate 3.00%
 Technical Piperonyl Butoxide
 Equivalent to 90-(1-butylcarbityl)-(6-propylpiperonyl) ether and 10%-related compounds 15.00%

INERT INGREDIENTS

Contains 0.225 pounds of Permethrin and 1.125 pounds of Piperonyl Butoxide per gallon. 82.00%
 100.00%

CAUTION

KEEP OUT OF REACH OF CHILDREN

MANUFACTURED BY

CLARKE MOSQUITO CONTROL PRODUCTS CO., INC.

159 N. GARDEN AVENUE
 ROSELLE, ILLINOIS 60172

EPA EST. No. 832911-01
 EPA Reg. No. 8329

NET CONTENTS

NOTE: Seller makes no warranty, expressed or implied, concerning the use of this product. Buyer should refer to the label. Buyer assumes all risk of injury or handling of this material when use and/or handling is contrary to label instructions.

U.L.V. Nonthermal Aerosol (Cold Fog)
 Midge and Blackflies: apply BIOMIST 3-15 U.L.V. applicator capable of producing a fog size from 5 to 30 microns and a mass flow rate of the product undiluted at a flow rate of 100 to 150 gpm at an average vehicle speed of 10 mph accordingly. These rates are equivalent to 0.0044 to 0.0264 pounds of Piperonyl Butoxide per acre. For proper application, vegetation density and mosquito populations are high. Application at proper flow rate. For proper application, application should be done at least 4 feet above ground level. For proper application, forward speed of 150 miles per hour should be set at 455 fluid ounces per acre.

STORAGE

Do not contaminate food, feed or

STORAGE: Do not store at temperatures below 40°F. If product has been exposed to temperatures below 40°F, check for crystallization. If crystallization is present, do not use before using. DO NOT USE OPEN FLAME.

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

CONTAINER DISPOSAL: Treat containers for reuse, or reuse, or puncture and dispose of in accordance with procedures approved by state or local authorities.

8329-33

FOR MORE INFORMATION
 1-800-323-5727
 1-800-942-2555