

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 550-194	2. EPA Product Manager G. LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Masterline Kontrol 4-4 for Mosquitoes, Flies & Gnats	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Van Waters & Rogers, Inc. P.O. Box 34325 Seattle, WA 98124-1325 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <b>NOTIFICATION</b> EPA Reg. No. _____ FEB 26 2001 Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification to change the primary brand name to "Masterline Kontrol 4-4 for Mosquitoes, Flies & Gnats" \_\_\_\_\_

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
<i>Verification must be submitted</i>	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container	<input type="checkbox"/> Glass
					<input type="checkbox"/> Paper
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Jane M. Miller	Title Consultant to Van Waters & Rogers, Inc.	Telephone No. (Include Area Code) (203) 740-3200
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Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature 	3. Title Consultant to Van Waters & Rogers, Inc.	6. Date Application Received (Stamped) ..... ..... ..... .....
4. Typed Name Jane M. Miller	5. Date January 22, 2001	

**NOTIFICATION**  
FEB 26 2001

# MASTERLINE **KONTROL 4 - 4**

## For Mosquitoes, Flies and Gnats

An All Temperature, Quick Knockdown, Low Odor, Non-Corrosive Synergized Synthetic Pyrethroid for the Control of Adult Mosquitoes, in Residential, Recreational, and Other Areas. Also for Use Against Biting and Non-Biting Midge and Black Flies.

For Application only by Public Health Officials and Trained Personnel of Mosquito Abatement Districts and Other Mosquito Control Programs

**ACTIVE INGREDIENTS:**

Permethrin (3-phenoxyphenyl)methyl(+/-)Cis/trans 3-(2,2-dichloroethenyl) 2,2-Dimethyl cyclopropanecarboxylate.....	4.0%
<b>Piperonyl Butoxide Technical</b> Equivalent to 80% (buylcarbityl)(6-propylpiperonyl) ether and 20% related compounds.....	4.0%
<b>INERT INGREDIENTS:</b> .....	92.0%
Contains a Petroleum Distillate Solvent	
<b>TOTAL</b> .....	100.0%

Contains 0.3344 pounds of Permethrin and 0.3344 pounds of Piperinyl Butoxide per gallon.

### KEEP OUT OF REACH OF CHILDREN CAUTION

**“PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente”

First Aid	
<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in Eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
Note to Physician	
Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

EPA Registration No. 550-194  
EPA Establishment No.

Net Contents:

Manufactured By:  
Van Waters & Rogers, Inc.  
P.O. Box 34325  
Seattle, WA 98124-1325

### PRECAUTIONARY STATEMENTS HAZARDS TO DOMESTIC ANIMALS AND HUMANS

Caution: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long sleeved shirt and long pants socks and shoes. Wash thoroughly with soap and water after handling.

### ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated sites may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters. 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.

Do not apply this product within 100 feet (30 meters) of fish bearing areas. Do not allow spray treatment to drift onto pastureland, cropland, poultry ranges or water supplies.

### PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill 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.

#### Storage and 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:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** (Metal) 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. (Plastic) Triple rinse or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### KONTROL 4- 4 THERMAL AEROSOL FOGGING

TRUCK MOUNTED: Apply diluted or undiluted with suitable Thermal Fogging equipment. Do not exceed the maximum a.i./acre rates. May be applied at speeds of 5 to 20 mph, treating a 300 ft. swath. To reduce oil requirement and sludge buildup in equipment, use a suitable mineral oil of 60 - 100 second viscosity. For use with hand foggers, use the same a.i. acre rates and a swath width of 50 ft with a walking speed of 2 mph. Do not wet foliage since the oil base formulation may be phytotoxic. Do not fog when wind conditions exceed 10 miles per hour. Use well maintained and properly calibrated fogger. Fog Downwind.

#### Suggested Dilution Rates to Achieve 0.00175# a.i. per Acre

HAND HELD THERMAL FOGGERS 50 FT SWATH AT 2 MPH 0.00318# A.I. PER ACRE				
MACHINE OUTPUT GAL/HOUR	DILUTION RATIO WITH FOG OIL 5MPH	DILUTION RATIO WITH FOG OIL 10 MPH	MACHINE OUTPUT	DILUTION RATE
10 gal/hr	1 : 9.5	1 : 4.25	0.25 gal/hr	1 : 1
20 gal/hr	1 : 20	1 : 9.5	2.0 gal/hr	1 : 16.5
30 gal/hr	1 : 30	1 : 14.5	5.0 gal/hr	1 : 42.5
			8.0 gal/hr	1 : 68.5

### NON-THERMAL AEROSOL (COLD FOG)

**KONTROL 4-4** is recommended for application an ultra low volume (ULV) non-thermal aerosol (cold fog) to control adult mosquitoes, flies and gnats in residential and recreational areas where these insects are a problem, such as, but not limited to parks, campsites, woodlands, athletic fields, golf courses, residential areas, municipalities, gardens, playgrounds, recreational areas and overgrown waste areas. For best results, treat when insects are most active and conditions are conducive to keeping the fog close to the ground. Repeat treatment as needed.

**KONTROL 4 - 4 ULV Non-Thermal Aerosol (cold fog) Application:** To control mosquitoes, midges and blackflies, apply **KONTROL 4 - 4** using any standard ULV ground applicator capable of producing a non-thermal aerosol spray with droplets ranging in size from 5 to 30 micron in diameter and mass medium diameter (MMD) up to 20 microns. Apply the product at a flow rate of 4.1 to 16.3 ounces per minute at an average vehicle speed of 10 mph. If different vehicle speed is used, adjust the rate accordingly. These rates are equivalent to 0.00175 to 0.007 pounds of permethrin and the same amount of 0.00175 to 0.007 pounds of synergist Piperonyl Butoxide per acre. Vary flow rates accordingly to vegetation density and mosquito population. Use higher flow rates in heavy vegetation or when populations are high. An accurate flow control system must be used to ensure proper flow rate. **KONTROL 4 - 4** may also be applied by diluting with a suitable solvent such as mineral oil and applying so as not to exceed the maximum pounds of active ingredient per acre as shown in the first column of the ULV table shown below. That table represents some suggested application rates for ground ULV applications. If an alternative dilution rate is used, adjust the flow rate accordingly.

#### Conditions and Rates to use KONTROL 4 - 4 Undiluted for Mosquito Control

PERMETHRIN/PBO LBS. A.I./ACRE	APPLICATION RATES/FLUID OUNCES TO USE PER MINUTE			
	5 mph	10 mph	15 mph	20 mph
0.007/0.007	9.1	16.3	24.5	32.6
0.0035/0.0035	4.0	9.1	12.2	16.2
0.00175/0.00175	2.0	4.1	6.1	9.1

#### AS A BARRIER SPRAY USING A BACKPACK MISTER TYPE UNIT

For use in a non-thermal, portable, backpack equipment, apply **KONTROL 4 - 4** with a motorized backpack mist blower adjusted to deliver particles of 50 - 100 Mass Medium Diameter. Use undiluted or diluted to achieve an application of 0.00175 / 0.00175 # a.i./acre. Use a 50 ft (15.2m) swath while walking at a speed of 2 mph (3.2 kph). If using a different speed, swath or dilution, do not exceed the maximum a.i./acre.

#### AERIAL APPLICATION

The use of specially equipped aircraft capable of applying ULTRA LOW VOLUMES of at or above recommended rates may be considered necessary when conducted at the discretion of the Public Health Officials, Mosquito Abatement districts or other trained personnel engaged in Outdoor Mosquito and Biting Fly Programs when these insects threaten or become a public health hazard. Aerial applications should be by suitable aerial ULV equipment capable of producing droplets with an MMD of 50 or less, with no more than 2.5% exceeding 100 micron. Flow rate and swath width should be set so as to not exceed 3.0 fluid ounces (0.007# a.i.). **PROHIBITION FOR AERIAL USE:** Not for aerial application in Florida unless specifically authorized by the Bureau of Entomology, Florida Department of Agriculture and Consumer Services.

**NOTICE:** Buyer and user assume all risks and liability of use, storage and/or handling of this product not in accordance with the terms of this label (**KONTROL 4 - 4** 03/2000).

#### BUYER GUARANTEE LIMITED TO LABEL CLAIMS