AQUAHALT™

Water-based Adulticide

A water-based formulation for control of ADULT MOSQUITOES in outdoor residential, recreational and other outdoor areas; and for use in and around Animal Areas and Quarters for control of FLIES, MOSQUITOES, SMALL FLYING MOTHS and other listed insects.

ACTIVE INGREDIENTS:
Pyrethrins .................................................. 5.00%
Piperonyl Butoxide, Technical* .................................. 25.00%
OTHER INGREDIENTS ........................................ 70.00%

*Equivalent to 20.0% (butylcarbitol) (6-propylpiperonyl) ether and 5% related compounds

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.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Caution. Harmful if swallowed or absorbed through the skin. Wash thoroughly with soap and water after handling. Avoid contact with skin, eyes, or clothing. Avoid contamination of food or feedstuffs.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and other aquatic organisms. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and other aquatic organisms. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

This product is toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply to blooming crops or weeds when bees are visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

PHYSICAL OR CHEMICAL HAZARDS
Do not use or store near heat or open flame.

Refer to Directions for Use inside booklet.

Manufactured For
CLARKE MOSQUITO CONTROL PRODUCTS, INC.
159 NORTH GARDEN AVENUE, ROSELLE, ILLINOIS 60172

EPA Reg. No.: 1021-1803-8329
EPA Est. No.: 1021-MN-2
AL0097

NET CONTENTS: ______________________
LOT NO.: ______________________
IF SWALLOWED: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Wash skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

While observing safety and usage precautions, call product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-6717.

DIRECTIONS FOR USE

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

For Mosquito Adulticide: For use only by federal, state, tribal or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal pesticide regulatory agency to perform adult mosquito control operations, or by persons under their direct supervision.

Read all directions carefully before use and follow all directions and precautions when using product. This product cannot be mixed with oil. Use only clear water. Contains no aromatic or aliphatic petroleum distillates. SHAKE OR AGitate THROUGHLY BEFORE Dlting. Diluted product must be thoroughly agitated before use. Avoid storing excess formulation in equipment.

In treatment of corns, footbaths, animal confinement/hauses, swine lots and zoos, cover any exposed drinking water, drenching water fountains and animal feed before application.

OUTDOOR USE: WIDE-AREA MOSQUITO CONTROL

Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist. Do not treat a site with more than 0.052 lb a.i. per day. Do not apply more than 0.05 lb a.i. per acre per year.  Multi-year treatment programs should be considered a threat to public and/or animal health deterred by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitos or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

AQUAHALT may be used undiluted or diluted with water and applied as a ultralow volume (ULV) or nonthermal aerosol (cold fog) or in suitable mechanical spray equipment. Do not apply this product with thermal fogging equipment. Do not exceed the maximum recommended dosage rate (pounds of active ingredient per acre). AQUAHALT may be used to control adult mosquitos, flies and gnat in mosquito control programs including, residential, industrial, recreational, and agricultural areas, vegetation surrounding swamps, marshes, overgrown waste areas, roadbeds and pastures where adult mosquitos occur. Use in agricultural areas should be in such a manner as to avoid residues in excess of established tolerances for pyrethrins and pyrethroid buticides on crops or commodities. For best results treat when mosquitos are most active. Application during the cool hours of the night or early morning is usually preferable, with a minimum application temperature of 50°F.

Both ground and aerial applications should be made when meteorological conditions are conducive to keeping the aerosol cloud close to the ground, such as when an air temperature inversion is present. Apply only when ground wind speed is greater than 1 mph.

Spray Drop Size Determination:

Ground-based Application: Spray equipment must be adjusted so that the volume median diameter is less than 30 microns (0.0012 inch or 0.0004 inch) and that 90% of the spray is contained in droplets smaller than 50 microns (0.0019 inch or 0.0002 inch). Directions from the equipment manufacturer or service, pesticide registrant or a test facility using a laser-beam measurement instrument must be used to adjust equipment to produce acceptable drop size spectrums. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle free spray are properly calibrated.

Aerial Application: Spray equipment must be adjusted so that the volume median diameter is less than 60 microns (0.0002 inch or 0.0001 inch) and that 90% of the spray is contained in droplets smaller than 100 microns (0.0039 inch or 0.0004 inch). Directions from the equipment manufacturer or service, pesticide registrant or a test facility using a wind tunnel and laser-beam-based measurement instrument must be used to adjust equipment to produce acceptable drop size spectrums. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle free spray are properly calibrated.

AQUAHALT may also be diluted with water and applied so as not to exceed the maximum pounds of active ingredient per acre as show in the tables below. If an alternative dilution rate is used, adjust the flow rate accordingly, provided the droplet size and spectrum remains within specified labelations.

### Rates to use AQUAHALT Undiluted for Mosquito Control

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate (pounds of AQUAHALT per acre)</th>
<th>Rate (flow rate in fluid oz. at truck speed of 5 MPH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0005</td>
<td>0.0126</td>
<td>2.6</td>
</tr>
<tr>
<td>0.0010</td>
<td>0.0252</td>
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<td>0.0030</td>
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</tbody>
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### Rates to use a 2.5% product (1 to 4 dilution ratio) AQUAHALT for Mosquito Control

<table>
<thead>
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</tr>
</tbody>
</table>

### INDOOR USE AREAS

For use in and around Animal Areas and Quarters, Dairy and Livestock Barns, Horse Stables and Barrels, Poultry Houses, Barn Houses, and other similar areas. Do not apply directly to food, water or feed supplements. Do not contaminate milk or milk-handling equipment. Wash udder and teats of dairy animals before milking.

### ANIMAL QUARTER USE

For use in and around listed use areas to control accessible stages of Brown Dog Ticks, Clover Mites, Cockroaches, Crickets, Deer Flies, Earwigs, Face Flies, Flies, Horn Flies, Hog Flies, Mosquitoes, Silverfish, Small Flying Moths, Spiders, Stables Flies, Ticks, Wasps, Yellow Jackets, Fanny Flies, and Delaware Beetles. Apply as a space spray in conventional ULV cold aerosol generator or fogger adjusted to deliver aerosol size droplets. Whenever possible perform space spray application in the late evening when insects are not active. Apply undiluted at the rate of 0.25 to 1.0 fluid ounces per 1,000 cubic feet of space above the animals. This concentrate may also be mixed with water at the rate of one (1) part concentrate to 10 parts water and applied at the rate of 1/2 fluid ounces per 1,000 cubic feet of space above the animals. Direct spray toward the upper portion of the enclosure, above the animals, 18' airmix for mist or 15' vacnet treat areas and vent before reclosing.

To control Bedbugs and Mites in poultry houses, prepare a dilution of one (1) part concentrate to 25 parts water and spray crevices of root poles and cracks in walls and nests where the Bedbugs and Mites hide.
To control Poultry Lice, spray roots, walls and nests or cages thoroughly with a dilution of one (1) part concentrate with 25 parts water, followed by sprinkling over the birds with a fine mist.

Storage and Disposal:

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

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container/Reuse: Nonrefillable container. Do not re-use or refill the container to hold materials other than pesticides or dilute pesticides (rinse). After emptying and cleaning, it may be allowed to temporarily hold rinsates or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Offer for recycling, if available.

Residue Removal: Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and replace. Shake for 10 seconds. Pour rinse into application equipment or a mix tank or clean rinse for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and constrict for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinse for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

In case of medical emergency, call: 1-888-740-8712.

Notice: To the extent consistent with applicable law, Clarke Mosquito Control Products, Inc. makes no warranty, expressed or implied concerning the use of this product other than as indicated on the label. Buyer assumes all risk of use and handling of this material when use and/or handling is contrary to label instructions.

AQUAHALT is a Registered Trademark of Clarke Mosquito Control Products, Inc.
**DIRECTIONS FOR USE**

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

This product cannot be mixed with oil. Use only clean water. Container not approved or equivalent as a means for storage or other uses.

**OUTDOOR USE: WIDE-AREA MOSQUITO CONTROL**

For Mosquito Abatement: For use only by federal, state, tribal or local government officials responsible for public health or vector control or for use only by approved private or public sector entities in areas where adult mosquitoes are present and weather conditions will facilitate movement of applied material from the water to the target areas. Do not contaminate bodies of water byumping more than 500 gallons of water in a day or 3,000 gallons in a month.

For Ticks: For use in integrated pest management programs, including biological, cultural, mechanical, or other similar methods.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and aquatic organisms. Harmful to treated areas in deposition of spray deposits into a body of water may be hazardous to fish and other aquatic organisms. Do not apply near bodies of water (lakes, rivers, permanent streams, and ponds, commercial fish ponds), swamps, marshes, or tidal estuaries or in any area where adult mosquitoes are present and weather conditions will facilitate movement of applied material from the water to the target areas. Do not contaminate bodies of water byumping more than 500 gallons of water in a day or 3,000 gallons in a month.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near schools or other areas of heavy traffic.

**STORAGE AND DISPOSAL**

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

**PESTICIDE DISPOSAL:**

Avoid the use of this product. Dispose of any remaining product by flushing into a waste disposal system or by burning. Do not use or store near schools or other areas of heavy traffic.

**CONTAINER REUSE:**

Finish all product use before removing container. Do not reuse containers.

**LABELING:**

For further information contact:

**REFILLABLE DRUM & TOTE LABEL**

**AQUAHAI**

**TM**

**WATER-BASED AEROSOLS**

Aerosol-based preparations, for control of Adult Mosquitoes in Outdoor Residential, Recreational and Other Tabacco Areas, and for use in and Around Animal Areas and Quarries for control of Flies, Mosquitoes, Small Flies, Mosquitoes, Drosophila, Flies, Wasp, Ants,ants, Aphaenogaster, Faria Flies, and Drosophilidae.

Active Ingredients

Pyrethrin... 9.50%
Piperonyl Butoxide... 1.20%
Butoxyethanol... 9.00%
Other Ingredients... 80.00%

* Equivalent to 70.0% butoxyethanol/butoxyethanol/other and 5.0% related compounds

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION:**

**PRECAUTIONARY STATEMENTS:**

If swallowed, do not induce vomiting unless instructed to by a physician.

If inhaled, move to fresh air. If breathing is difficult, give bottled oxygen.

If on skin or clothing, take off contaminated clothing. Wash skin with soap and water.

In case of medical emergency, call 1-800-740-8712.

In case of poisoning, seek medical attention immediately. Do not induce vomiting.

If eye contact occurs, flush with water for at least 15 minutes. Do not use or store near schools or other areas of heavy traffic.

In case of medical emergency, call 1-800-740-8712.

In case of poisoning, seek medical attention immediately. Do not induce vomiting.

If eye contact occurs, flush with water for at least 15 minutes. Do not use or store near schools or other areas of heavy traffic.

**FIRST AID**

**IF SWALLOWED:** Call police mosquito control or doctor immediately for treatment advice. Have person purge a glass of water if able to vomit. Do not induce vomiting unless told to do so by the police mosquito control or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Take off contaminated clothing. Get fresh air. If breathing is difficult, give bottled oxygen.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Wash skin with soap and water. If on clothing, change clothing when sufficient dirt is recalcalcated.

**IF IN EYES:** Do not rub eyes. Rinse with water for at least 15 minutes. If irritation persists, see a physician.

**IF INHALED:** Get fresh air. If breathing is difficult, give bottled oxygen.

**IF INGESTED:** Do not induce vomiting unless instructed to by a physician.

**IN CASE OF HAZARD TO HUMANS AND DOMESTIC ANIMALS:**

Careful, horned, or stinging insecticides are often used in areas where livestock is present. Keep livestock out of the treated area or use an animal resistant insecticide.

**MANUFACTURER:**

Clarke Mosquito Control Products, Inc.

1021 W. 150th Street
Pocatello, Idaho 83201

**EPA REGISTRATION NUMBER:**

EPA Reg. No. 1021-1500-8329

**NET CONTENTS:**

Lot No.

AL0000-7