

432-799

5/15/2001

1/5

# AquaPy®

## FIRST AID

- \* SPECIALLY FORMULATED TO GIVE EQUAL PERFORMANCE WITH OIL-BASED SPRAYS WHEN APPLIED UNDILUTED OR DILUTED WITH WATER
- \* FOR INDOOR OR OUTDOOR APPLICATION AS A SPACE, AREA OR CONTACT SPRAY. DEPENDENT UPON PESTS TO BE CONTROLLED AND THE AREA TO BE TREATED, MAY BE APPLIED THROUGH MECHANICAL AEROSOL GENERATORS (ULV) OR CONVENTIONAL FOGGING OR SPRAYING EQUIPMENT
- \* INDOOR USE AREAS - UNOCCUPIED LIVESTOCK SHELTERS (CATTLE BARN, POULTRY HOUSES, SWINE HOUSES) BAKERIES, BEVERAGE PLANTS, CANNERIES, COMMERCIAL TRANSPORTATION FACILITIES, DAYCARE CENTERS, DRIED FOOD PRODUCTS IN STORAGE OR PROCESSING, FLOUR MILLS, FOOD AND FEED PROCESSING AND HANDLING SITES, GRAIN ELEVATORS, GRANARIES, HORSE BARN, HOSPICES, HOSPITALS, HOTELS, HOMES, INDUSTRIAL INSTALLATIONS, MEAT PACKING PLANTS, MOTELS, NONRESIDENTIAL BUILDINGS, NURSING HOMES, OFFICE BUILDINGS, PRIVATE AND COMMERCIAL DWELLINGS, RAILROAD CARS, RESTAURANTS, SCHOOLS, SHIPS' HOLDS, STORED FOOD IN MULTI-WALLED PAPER OR CLOTH BAGS, SUPERMARKETS, TRUCK TRAILERS, WAREHOUSES, ZOOS
- \* MOSQUITO ADULTICIDE
- \* WATER BASED FORMULATION
- \* TO BE APPLIED BY OR UNDER THE SUPERVISION OF PEST CONTROL OPERATORS, MOSQUITO ABATEMENT DISTRICTS, PUBLIC HEALTH ORGANIZATIONS, AND OTHER TRAINED PERSONNEL RESPONSIBLE FOR INSECT CONTROL PROGRAMS.
- \* FOR AERIAL AND GROUND APPLICATION
- \* THE ACTIVE INGREDIENTS ARE EXEMPT FROM TOLERANCES WHEN APPLIED TO GROWING CROPS [SEE 40 CFR 180.1001 (b)]
- \* CONTAINS 0.245 LBS PYRETHRINS PER GALLON
- \* CONTAINS 1.223 LBS PIPERONYL BUTOXIDE TECHNICAL PER GALLON
- \* A FFAST™ FORMULATION

IN CASE OF MEDICAL EMERGENCIES OR HEALTH AND SAFETY INQUIRIES, OR IN CASE OFFIRE, LEAKING OR DAMAGED CONTAINERS, INFORMATION MAY BE OBTAINED BY CALLING 1-800-334-7577.

- IF INHALED:**
- Move to fresh air.
  - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible.
  - Call a poison control center or doctor for further treatment advice.
- IF ON SKIN:  
(OR CLOTHING)**
- Take off contaminated clothing
  - Rinse skin immediately with plenty of water for 15-20 minutes.
  - Call a poison control center or doctor for treatment advice.
- IF IN EYES:**
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
  - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
  - Call a poison control center or doctor for treatment advice

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

See Side Panel for Additional Precautions

NET CONTENTS:

FOR PRODUCT INFORMATION,  
CALL TOLL FREE: 1-800-331-2867.

## PRECAUTIONARY STATEMENTS

### Hazards To Humans & Domestic Animals

#### CAUTION

Harmful if inhaled. Avoid breathing vapors or spray mist. Remove contaminated clothing and wash before reuse.

### Environmental Hazards

This product is toxic to fish. 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 where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

### Physical And Chemical Hazards

Do not use water-based sprays of AquaPy in conduits, motor housings, junction boxes or other electrical equipment because of possible shock hazard.

## DIRECTIONS FOR USE

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

### ACTIVE INGREDIENTS:

Pyrethrins .....	3.0%
*Piperonyl Butoxide, Technical .....	15.0%
<b>OTHER INGREDIENTS:</b> .....	82.0%
	100.0%

\*Equivalent to 12% (butylcarbityl)(6-propylpiperonyl) ether and 3% related compounds.

AquaPy is a registered trademark of Aventis Environmental Science.

EPA Reg. No. 432-799

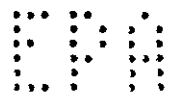
EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION

MAY 15 2001

ACCEPTED  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 432-799



**SHAKE OR AGITATE THOROUGHLY BEFORE DILUTING.**

AquaPy is designed to be diluted with water. The unique patented formulation greatly reduces the evaporation rate of water from the spray droplets and enables the water-based spray cloud to behave as that produced by a typical oil-based formulation. For use in mosquito control.

AquaPy effectively controls the following insects when the applicator follows the directions for use as given below.

Angoumois Grain Moths	Dried Fruit Beetles	
Ants	Drugstore Beetles	Mushroom Flies
Bees	Fleas	Red Four Beetles
Boxelder Bugs	Fruit Flies	Rice Weevils
Cadelles	Fungus Gnats	Saw-toothed Grain Beetles
Cheese Mites	Grain Mites	Silverfish
Cheese Skippers	Granary Weevils	Small Flying Moths
Cigarette Beetles	Horn Flies	Spiders
Clover Mites	Hornets	Spider Beetles
Cockroaches	Horse Flies	Stable Flies
Confused Flour Beetles	House Flies	Tobacco Moths
Crickets	Indian Meal Moths	Wasps
Deer Flies	Lice	Yellow Mealworms
	Mediterranean Flour Moths	Dark Mealworms

**INDOOR USE, UNDILUTED**

The use of this product in food/feed processing or food/feed handling establishments (bakeries, beverage plants, canneries, food/feed processing plants, hospitals, hotels, industrial installations, meat packing plants, restaurants, schools, supermarkets and warehouses) should be confined to time periods when the plants or facilities are not in operation. Food/feed should be removed or covered during treatment. All food/feed processing surfaces should be covered during treatment or thoroughly cleaned before reusing.

Space and Contact Spray Application

To control accessible adult stages of:

Ants	Fleas
Boxelder Bugs	Flies
Cheese Mites	Fruit Flies
Cheese Skippers	Hornets
Clover Mites	
* Cockroaches (German)	Silverfish
Crickets	Small Flying Moths
	Wasps

and the following common stored product pests:

Angoumois Grain Moths	Indian Meal Moths
Cadelles	Mediterranean Flour Moths
Cigarette Beetles	Red Flour Beetles
Confused Flour Beetles	Rice Weevils
Dark Mealworms	Saw-toothed Grain Beetles
Drugstore Beetles	Spider Beetles
Granary Weevils	Tobacco Moths
Grain Mites	Yellow Mealworms

Close doors and windows and shut off ventilating systems. Vacate the area. Only the applicator should be in the treatment area during application. Use a mechanical aerosol generator or a fogger adjusted to deliver aerosol droplets (30 microns or less). Direct the spray first into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas to provide maximum penetration and impingement on the insects. Then treat as a space spray, directing the spray towards the ceiling and upper corners of the area and behind any obstructions, apply at a rate of 6 milliliters or 0.20 ounces per 1000 cubic feet of space (or 1 oz per 5,000 cu. ft.). Keep area closed for at least one hour. Leave the treated area and ventilate before reoccupying. Repeat treatment as necessary.

\*Rates up to 9 ml or 0.30 oz. per 1,000 cu. ft. may be required for control of some German Cockroach populations (dependent on temperature, sanitation and other factors).

Treatment of Stored Food/Feed Areas

Foods/feeds in multi-walled bags or in cloth bags stored in warehouses, storage rooms, flour mills, grain elevators and granaries.

To control accessible adult stages of:

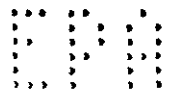
Angoumois Grain Moths	Cheese Mites
Cadelles	Cheese Skippers
Confused Flour Beetles	Cigarette Beetles
Indian Meal Moths	Grain Mites
Mediterranean Flour Moths	Granary Weevils
Rice Weevils	Dark Mealworms
Saw-toothed Grain Beetles	German Cockroaches
Yellow Mealworms	Red Flour Beetles

Infested stored products should be destroyed, fumigated or treated by other effective methods using an approved product intended for this purpose. Vacate the area. Only the applicator should be in the treatment area during application. As noted above, disperse AquaPy first by directing spray into cracks and crevices, corners, under pallets, and around stacks of packaged goods - hitting as many insects as possible and then apply as a space spray at a dosage of 4 milliliters or 0.13 ounces per 1000 cubic feet of room space (or 1/2 oz. per 4,000 cu. ft.). Repeat application as necessary for insect control. Leave the treated areas closed for one hour. Do not remain in the treated area and ventilate before reentry.

**ACTISOL SPRAY EQUIPMENT**

Deep Harborage: To kill *Cockroaches, Carpenter Ants, Termites, Spiders, Bees, Wasps* and other labeled pests, treat wall voids, insect tunnels, boxed beams and other hollow elements of construction, using UNDILUTED product through mechanical aerosol generators such as ACTISOL equipment, inject void for 5-10 seconds followed by sufficient air to pressurize the void.

Crack and Crevice Treatment: For treatment of *Cockroaches, Silverfish, Ants, Waterbugs, Crickets, Centipedes,*



**Sowbugs, Millipedes, Spiders, Scorpions, Mites, Bedbugs, Lice, Carpet Beetles, Wasps, Hornets, Yellow jackets and Grain Insects,** crack and crevice treatments with ACTISOL equipment, using undiluted product, represents a one second injection into openings, seams, holes, etc.

lients are exempt from tolerance when applied to growing crops. For best results, apply when meteorological conditions create a temperature inversion and wind speed does not exceed 10 miles per hour. The application should be made so the wind will carry the insecticidal fog into the area being treated. Treatment may be repeated as necessary to achieve the desired level of control.

**INDOOR USE, DILUTED**

**Space Spray Application:** For use in mechanical fogging or spray equipment.

When used in cold aerosol generators that produce a fog with the majority of droplets in the 10-25 micron VMD range.

To control accessible stages of:

- Flies
- Gnats
- Small Flying Moths
- Fruit Flies
- Mosquitoes

**URBAN MOSQUITO CONTROL:** For control of resting or flying adult mosquitoes in areas such as but not limited to utility tunnels, sewers, storm drains, pipe chases, underground basements, underground passages, parking decks, unhabited buildings. Apply this product at rates up to the maximum amount of active ingredient as specified on this label. This product may be applied using thermal fogging equipment, mechanical foggers, hand-held or truck mounted ULV equipment or other spray equipment suitable for this type of application. Thermal Fog Applications: Using truck or trolley mounted, handheld, or other thermal fogging equipment apply this product mixed as a solution suitable for thermal fogging. Avoid application to areas containing open flames or sparks. For maximum control direct the fog to drift into areas where adult mosquitoes are found. For non-thermal cold aerosol or ULV applications apply using truck or trolley-mounted, hand-held, backpack or other suitable ULV equipment. Follow DIRECTIONS FOR USE for ULV applications as specified on this label. Follow equipment manufacturer's instructions as suggested on this label to create optimum ULV droplet sizes. For maximum control direct the aerosol to drift into areas where adult mosquitoes are found.

Cover or remove exposed food/feed and cover food/feed handling surfaces in edible product areas of food/feed handling establishments. Close rooms and shut off air conditioning or ventilating equipment. Vacate the area. Only the applicator should be in the treatment area during application. Mix 16 ounces of AquaPy with sufficient water to equal 1 gallon of diluted spray. Apply at the rate of 8 fluid ounces per 1000 cubic feet, filling the room with mist. Keep area closed for at least 15 minutes. Leave the treated area and ventilate before reoccupying. Repeat treatment if reinfestation occurs. Do not apply while food/feed processing is underway.

**ANIMAL QUARTER USE**

(Cattle barns, horse barns, poultry houses, swine houses, zoos): As a space spray, dilute for use in conventional fogging or spraying equipment.

To control **Fleas, Flies, Gnats, Small Flying Moths:** Mix 16 ounces of AquaPy with sufficient water to equal one gallon of diluted spray. Vacate the treatment area. Animals must be removed prior to treatment. Only the applicator should be in the area during application. Apply at the rate of 8 ounces per 1000 cubic feet of space. Direct spray towards the upper portions of the enclosure filling the room with mist. Keep area closed for at least 15 minutes. Leave the treated area and ventilate before reoccupying. Repeat treatment if reinfestation occurs.

**GROUND APPLICATION:** To control adult mosquitoes and all common diptera, apply up to 0.0025 pounds of pyrethrins per acre (use a 300 foot swath width for acreage calculations).

**Truck-Mounted ULV Application:** The delivery rate and truck speed may be varied as long as the application rate does not exceed 0.0025 pounds of pyrethrins per acre (use a 300 foot swath path width for acreage calculations).

**Mosquitoes:** AquaPy may be used for mosquito control programs involving residential, industrial, recreational and agricultural areas as well as swamps, marshes, overgrown waste areas, roadsides, and pastures where adult mosquitoes occur. AquaPy may be used over agricultural crops because the ingre-

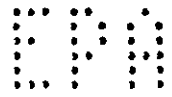
**Backpack Spray Application:** Dilute 1 part AquaPy with 5 parts water and apply at the rate of of 7 ounces per acre (based on a 50 foot swath, 7 ounces should be applied while walking 870 feet).

**AERIAL APPLICATION (FIXED WING AND HELICOPTER):**

AccountTable™ System

AEROSOL	Food Processing Plants		Commercial		Residential	
	Operating <sup>1</sup>	Nonoperating	Fabric	Without Fabric	Fabric	Without Fabric
ACTISOL® Space Spray		X	X	X	X	X
SPRAY EQUIPMENT						
Deep Harborage/ Crack & Crevice	X	X	X	X	X	X
COARSE WET SPRAY						
Surface Spray	X	X		X	X	X
Crack & Crevice	X	X		X	X	X

<sup>1</sup>Pesticide applications are permitted in non-USDA inspected facilities when they are operating.



### 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 pro-

To control adult mosquitoes apply up to 0.0025 pounds of pyrethrins per acre with equipment designed and operated to produce a ULV spray application. Repeat applications may be necessary. It is preferable to make applications when temperatures exceed 50 F (10 C).

For best results, treat when insects are most active and meteorological conditions are most conducive to keep the spray cloud close to the ground, inversion of temperatures and wind is not excessive (does not exceed 10 mph). Application during the cool hours of the early morning or night is preferable. Avoid prolonged inhalation of spray droplets. For best results, application should be made at an altitude of approximately 165 feet (50 meters) with a droplet VMD of less than 60 microns. Reduction in efficacy is possible if applied at higher altitudes. For maximum control apply this product during inversion conditions and direct the aerosol to drift into areas where adult mosquitoes are found. Always clean equipment after use to insure against contamination.

### SURFACE SPRAY APPLICATION

To control accessible stages of:

- |          |                    |
|----------|--------------------|
| Ants     | Fleas              |
| Crickets | German Cockroaches |

Mix 2 to 4 ounces of AquaPy with sufficient water to equal one gallon of diluted spray. Apply as a coarse droplet spray using approximately one gallon to 1000 square feet of surface area. Spray walls, floors and other surfaces of bins and storage and handling areas thoroughly.

NOTE: Over-application may cause discoloration of light colored surfaces.

**Fleas:** AquaPy is effective as part of a total management program for Flea Control. It is suggested that infested areas be thoroughly vacuumed prior to treatment. These areas include all carpet, upholstered furniture, baseboards and other indoor areas frequented by pets. The vacuum cleaner bag should be discarded in an outdoor trash container. Pet bedding should be cleaned or replaced.

Apply AquaPy alone or in combination with an appropriate IGR (see below), to rugs, carpets, upholstered furniture, pet beds, floor coverings, pet resting areas and other infested habitats. The quantity of finished spray required is dependent upon carpet/fabric density. Provide uniform coverage, apply until infested area is moist.

**Effective flea control** includes controlling the source of flea infestations. This can require treatment of pets with a product registered for such use and treating outside areas frequented by pets. AquaPy can also be applied out-of-doors for flea control. Do not treat pets with this product. Do not allow pets to contact treated areas until spray has dried. Remove animal and feed before spraying.

**In Combination with Insect Growth Regulators (IGRs):** To extend control of immature stages of cockroaches and fleas, tank-mix the recommended rate of AquaPy with the correct amount of IGR per finished gallon. Follow all directions for use patterns and spray intervals from the IGR label to achieve maximum benefit.

**For In-Transit Protection:** Clean and spray truck beds, boxcars and ships' holds before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as stacked.

**Treatment of Stored Grain:** To control accessible adult stages of Indian Meal Moths and Angoumois Grain Moths: Apply to the surface of binned grain at a rate of 1 gallon per 1000 square feet. Apply at monthly intervals with the first appearance of moths and continue until early fall. In severe infestations, break up webbing with a rake before spraying and make a second application in two weeks.

**Treatment of Flying Insects' Resting Places:** To aid in the control of **Mosquitoes, Small Flying Moths** and **Gnats:** Treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places with the above dilution of AquaPy.

### OUTDOOR APPLICATION, DILUTED

For use on horses:

NOT FOR USE ON HORSES WHICH WILL BE USED FOR FOOD.

To protect against **Horn Flies, House Flies, Fleas, Gnats** and **Mosquitoes:** Mix 13 ounces of AquaPy with sufficient water to equal one gallon of diluted spray. Apply a light mist sufficient to wet the tips of the hair.

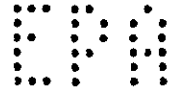
To protect against **Stable Flies, Horse Flies, Deer Flies:** Apply the above dilution at two ounces per adult horse to sufficiently wet the hair but not to soak the hide. Repeat this application once or twice daily or as needed to give continued protection.

### IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended con-



sequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Aventis Environmental Science USA LP. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** AVENTIS ENVIRONMENTAL SCIENCE USA LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Aventis Environmental Science USA LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Aventis Environmental Science disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT AVENTIS ENVIRONMENTAL SCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

©Aventis Environmental Science, 1999

**Aventis Environmental Science USA LP**  
95 Chestnut Ridge Road  
Montvale, NJ 07645