Anvil 2+2 ULV
Adulticide

CONTINUED FROM FRONT PANEL

BEFORE MAKING THE FIRST APPLICATION IN A SEASON, IT IS ADVISABLE TO CONSULT WITH THE STATE OR LOCAL AGENCY WITH PRIMARY RESPONSIBILITY FOR PESTICIDE REGULATION TO DETERMINE IF OTHER REGULATORY REQUIREMENTS APPLY.

IN CALIFORNIA: THIS PRODUCT IS TO BE APPLIED BY COUNTY HEALTH DEPARTMENT, State Department of Health Services, Mosquito and Vector Control or Mosquito Abatement District personnel only.

USE AREAS: FOR USE IN MOSQUITO ADULTICIDING PROGRAMS INVOLVING OUTDOOR RESIDENTIAL AND RECREATIONAL AREAS WHERE ADULT MOSQUITOES ARE PRESENT IN ANNUOUS NUMBERS IN VEGETATION OR VEGETATION SURROUNDING Ponds, waterbodies, swamps, marshes, overgrown areas and golf courses.

ANVIL 2+2 ULV MAY BE APPLIED OVER AGRICULTURAL AREAS PRIOR TO HARVEST FOR THE CONTROL OF ADULT MOSQUITOES WITHIN OR ADJACENT TO THESE AREAS.

For best results, apply when mosquitoes are most active and weather conditions are conducive to keeping the fog close to the ground. Application in calm air conditions is to be avoided. Apply only when ground wind speed is greater than 1 mph. Air temperature should be greater than 50° F when conducting all types of applications.

DO NOT TREAT A SITE WITH MORE THAN 0.036 POUNDS OF SUMITRIN® per acre in a twenty-four-hour period. Do not exceed 1.0 pounds of SUMITRIN® per acre in any one year. More frequent applications may be 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.

NOTE: ANVIL 2+2 ULV CAN NOT BE APPLIED IN WATER. Dilute this product with lightweight mineral oil dilution preferred.

Spray Drop Size Determination

GROUND EQUIPMENT: Spray equipment must be adjusted so that the volume median diameter (VMD) is 4 to 20 microns (2.5 ≤ D50 ≤ 20) and that 90% of the spray is contained in droplets smaller than 50 microns (D90 ≤ 50). Directions from the equipment manufacturer or vendor, pesticide registrant, or a test facility using a laser-based measurement instrument must be used to adjust equipment for acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

AERIAL EQUIPMENT: Spray equipment must be adjusted so that the volume mean diameter produced is less than 60 microns (D50 ≤ 60) and that 90% of the spray is contained in droplets smaller than 115 microns (D90 ≤ 115). The effects of flight speed and, for non-powered Nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant, or a test facility using a wind tunnel based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

ANVIL 2+2 ULV MAY BE APPLIED THROUGH TRUCK MOUNTED THERMAL FOGGING EQUIPMENT. DO NOT EXCEED THE MAXIMUM RATES LISTED ABOVE. MAY BE APPLIED AT SPEEDS OF 5 TO 20 MPH. TO REDUCE ALL REQUIREMENTS AND REGULATIONS FOR USE, 100-SECOND VISCOSITY MINERAL "FOG" OIL. FOR USE WITH PULLED FORGERS, USE SAME RATES OF ACTUAL INGREDIENTS PER ACRE. DO NOT USE IN SUGAR BAGS OR SUGAR BAGS WITH SUGAR. AVOID ALL CONTACT WITH SKIN OR EYES. IN CASE OF INGESTION USE A SUGAR BAG OF WATER TO RINSE THE MOUTH. IN CASE OF INHALATION USE A FRESH AIR RESPIRATOR WITH A PAPR (positive air pressure respirator). IN CASE OF SKIN OR EYES USE A SUGAR BAG OF WATER TO RINSE THE AREA.

NOTICE: TO THE EXTENT PROVIDED BY LAW, MANUFACTURER MAKES NO EXPRESS OR IMPLIED WARRANTIES, AND DISCLAIMS ALL RESPONSIBILITY FOR THE USE OF THIS PRODUCT OTHER THAN AS INDICATED ON THE LABEL. BUYER ASSUMES ALL RISK OF USE OF THIS MATERIAL WHEN USED AND HANDLED IN A SAFE AND REASONABLE MANNER.

Anvil 2+2 ULV May Be Applied For Urban ULV Mosquito Control. For the Control of Resting or Flying Adult Mosquitoes, biting Flies and biting midges in areas such as utility tunnels, sewers, storm drains and catch basins, pits, chases, underground basements, underground passages, parking decks, cinder blocks or cement buildings. Anvil 2+2 ULV May Be Applied Through Mechanical Foger, Hand Held in Truck-Mounted ULV Equipment, Thermal Foger's or Other Spray Equipment Suitable for this Application. Apply Anvil 2+2 ULV at rates up to but not exceeding 0.0505 pounds SUMITRIN® per acre in 20-second per hour spray (not to exceed 1.0 pounds SUMITRIN® per acre in any one year).

Aerial Application

In FLORIDA: Do not apply by aircraft unless approved by the Florida Department of Agriculture and Consumer Services.

ANVIL 2+2 ULV MAY BE APPLIED AT RATES OF 1.08 TO 3.24 fluid ounces Anvil 2+2 ULV per acre by fixed wing or rotary wing equipment with suitable ULV application equipment. Application shall be made at 75 to 300 feet for rotary wing aircraft and 100 to 300 feet for fixed-wing aircraft.

Dosage Rate Lbs. Sumitrin® ANVIL 2+2 ULV

<table>
<thead>
<tr>
<th>Dosage Rate</th>
<th>Flow Rate in ft² per acre</th>
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<tbody>
<tr>
<td>0.0024</td>
<td>2.184</td>
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<tr>
<td>0.0034</td>
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<tr>
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STORAGE & DISPOSAL

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

PESTICIDE DISPOSAL: Wash residue from this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not re-use or refill this container. Dispose of container in trash container closed.

USAGE STATEMENT

This product is restricted. Notify all neighbors before spraying. Use and store out of reach of children and pets.

Manufactured By

CLARKE MOSQUITO CONTROL PRODUCTS, INC.
159 North Ave - Roselle, Illinois 60172

For More Information Call: 1-800-323-8772

EPA Reg. No. 1021-1687-8520
NET CONTENTS: 2.5 Galons
LOT No.: A9901

ALDRICH
Arvil 2+2 ULV
Adulcide

Contains an 0.6% Soluble Synergized Synthetic Pyrethroid for Control of Adult Mosquitoes (Including Organophosphate-Resistant Species), Midge, and Black Flies in Outdoor Residential and Recreational Areas.

ACTIVE INGREDIENTS
- Buthionexyl
- Cypermethrin
- Deltamethrin
- (2S,2’)-dimethylallyl
- (2R)-trans-(S)-2-methyl-3-(2-methylpropyl)-2-cyclopropylpropanoic acid
- Piperalin
- Pyrithione
- Chlorpyrifos
- TECHNICAL SUMITHRIN™

OTHER INGREDIENTS
- Water
- Alcohol
- Surfactants

Contains 0.8 lbs. of technical SUMITHRIN™ per gallon of 0.38 lbs. of Technical Piperalin per gallon of other and 0.45% related compounds

KEEP OUT OF REACH OF CHILDREN

CAUTION
PRECAUTIONAL USES: Do not use this product in a manner inconsistent with its labeling.

FIRST AID
- Have 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 1-888-777-2001.
- IF SWALLOWED:
  - Immediately call a poison control center or doctor.
  - Do not induce vomiting unless told to do so by a poison control center or doctor.
  - Do not give any liquid or food by mouth to an unconscious person.

- IF ON SKIN OR CLOTHING:
  - Take off contaminated clothing. Wash skin immediately with plenty of water for 15-20 minutes.

- NOTE TO PHYSICIAN: Contains pyrethroid insecticides; vomiting may cause aspiration pneumonitis.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
- CAUTION: Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. In case of contact with any of these, wash immediately with soap and water. If eye irritation occurs after washing, seek medical attention. If swallowed, induce vomiting. Do not give anything by mouth to an unconscious person.

ENVIROMENTAL HAZARDS
- This product is toxic to aquatic organisms, including fish and aquatic invertebrates. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates. Do not apply over permanent bodies of water, streams, rivers, permanent stream beds, natural ponds, commercial fish ponds, sewers, manholes or estuaries, except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of aquatic material beyond the body of water in order to eradicate incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment or wash water.

BEE WARNINGS: This product is toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply to or allow drift onto blooming crops or weeds when bees are visiting the treatment area. except when applications are made to prevent or control a threat to public or animal health determined by a state, tribal, or local health or vector control agency. This product is toxic to honey bees and the neonicotinoids. The use of this product may cause the occurrence of neonicotinoid-biased 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.

DIRECTIONS FOR USE
- It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
- For use only by federal, state, tribal, or local government officials responsible for public health or vector control, or by persons certified in this appropriate category or authorized by the state or tribal lead pesticide regulatory agency to perform mosquito control applications, or by persons under their direct supervision.

BEFORE applying 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 regulations require approval.

NOTICE: This product is to be applied by County Health Department, State Department of Health Services, Mosquito and Vector Control or Mosquito Abatement District permitted only.

USE AREAS: For use in mosquito abatement programs involving outdoor residential and recreational areas where adult mosquitoes are present in annoying numbers in vegetation surrounding pools, woodlands, sewers, manholes, overgrown areas and golf courses.

Arvil 2+2 ULV may be applied over agricultural areas prior to harvest for the control of adult mosquitoes within or adjacent to these areas.

WARNING: Do not treat a site with more than 0.02 lb. of SUMITHRIN™ per acre in a twenty-four hour period. Do not exceed 1.0 pounds of SUMITHRIN™ per acre in any site in any year. More frequent applications may be 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.

Spray Denser Size Determination
- GROUND-EQUIPMENT: Spray equipment must be adjusted so that the volume median diameter (VMD) is 8 to 30 microns (0.000302 to 0.001181 in) and that 90% of the spray is contained in droplets smaller than 50 microns (0.0002 in). Directions from the equipment manufacturer or vendor, pesticide registration, or a test facility using laser-based measurement instrument must be used to adjust the equipment. The spraying equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rates are properly calibrated.

AERIAL EQUIPMENT: Spray equipment must be adjusted so that the volume median diameter measured is less than 60 microns (0.000240 in) and that 90% of the spray is contained in droplets smaller than 115 microns (0.004531 in). The effects of flight speed and exposure and the non-motorized, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registration, or a test facility using a test facility using laser-based measurement instrument must be used to adjust the equipment. The spraying equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rates are properly calibrated.

GROUND Application:
- Apply Arvil 2+2 ULV through a standard ULV cold or non-thermal aerosol cold fog generator. Consult the following table for examples of various dosage rates using a 1.2-inch (3 cm) length of hose for air volume adjustments.

- OILシリカ™ Liquid Sprays (0.005 lb) ULV: 2+2
- OILシリカ™ Liquid Sprays (0.004 lb) ULV: 2+2
- OILシリカ™ Liquid Sprays (0.004 lb) ULV: 2+2

NOTICE: To the extent provided by law, seller makes no warranty, expressed or implied, concerning the use of this product other than as indicated on the label. Buyer assumes all risk of handling of the material when use and/or handling is contrary to label instructions.

IN FLORIDA: Do not apply by aircraft unless approved by the Florida Department of Agriculture and Consumer Services.

Arvil 2+2 ULV may be applied at rates of 0.001 to 0.5 lb (0.00047-0.0227 kg) per acre by fixed wing or rotary aircraft equipped with suitable ULV equipment/application.

AERIAL Application
- SPRAY RATE: Apply 2+2 ULV at 1.24 lb (550 g) per acre at 240-350 cfm (6800-9500 L/min)
- FLAT RATE: Apply 2+2 ULV at 0.1 lb (450 g) per acre at 240-350 cfm (6800-9500 L/min)

STORAGE & DISPOSAL
- Do not contaminate water, food or feeding area with drift or spray material.
- PESTICIDE STORAGE: Store in a cool, dry place. Keep container closed.
- PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of at or in an approved viable disposal facility.

CONTAINER DISPOSAL: Reutilize container. Reutilize the container with pesticide only. Do not reuse this container for any other purpose. Before reutilizing, check the responsibility of the reutilizer. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container almost 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump into waste collection system. Repeat this process for five times. If container cannot be emptied, dispose of it in a sanitary landfill, or by other procedures approved by state and local authorities.

NOTICE: Arvil ULV 2+2 is a Registered Trademark of Clarke Mosquito Control Products, Inc.

SUMITHRIN™ is a Trademark of Sumitomo Company Ltd.

For More Information: 1-800-393-5273

CJ MOSQUITO CONTROL PRODUCTS, INC.
150 N. Garden Ave. - Riverside, CA 92507

EPW Reg. No. 921-4667-8329
EPW Est. No. 83924-0, 01

NET CONTENTS: 2 Gal, LOT #: 000000
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