

OMEGO MIST-ULV

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Contains petroleum distillate. Harmful if swallowed, or absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or the toilet. Prolonged or repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash before reuse.

HOW TO APPLY ULV NON-THERMAL AEROSOL (COLD FOG)

To control mosquitoes, midges and blackflies, apply OMEGO MIST ULV using any standard U.L.V. ground applicator capable of producing a non-thermal aerosol fog with droplets ranging in size from 5 to 30 microns in diameter and a mass median diameter (MMD) of 15 to 20 microns, (droplets should not exceed 50 microns and less than 5% of drops should be below 5 microns), with an application swath width of 300 feet. Silicon slides should be required for calibration. Droplet size of application may be determined using the following procedure. Droplet size should be sampled using Teflon coated glass slides: An adequate amount of air should be sampled by using, for example, rotating rod samplers. Other sampling techniques, such as AMES machine, may be used if authorized by local authorities. Slides are examined microscopically and the diameter of droplets measured in microns. Slides should be scanned until 100 to 200 droplets have been assessed. A spread factor of 0.61 should be used to correct droplet diameters. The largest droplet should not exceed 50 microns and less than 5% of the droplets should be below 5 microns. A 90% value of the droplets should be in the range of 5 to 30 microns in size.

When applying this product undiluted, apply at a flow rate of 5.4546 to 38.1822 ounces per minute at an average vehicle speed of 10 M.P.H. These rates are equivalent to 0.001 to 0.007 pound of permethrin a.i. and 0.001 to 0.007 pound of piperonyl butoxide a.i. per acre. If a different vehicle speed is used, adjust the rate accordingly. Vary flow rates accordingly to vegetation density and mosquito population. Use higher flow rates in heavy vegetation or when insect populations are high. An accurate flow rate control system must be used to ensure proper flow rate. OMEGO MIST ULV may also be applied by diluting 1 part to 1 part of a 60 to 100 second mineral oil or another suitable solvent, applied so as not to exceed the maximum a.i. rates per acre as shown in the rates charts. If an alternate dilution rate is required, adjust the flow rate

accordingly, provided the droplet size and spectrum remain within label specifications. Do not exceed a flow rate of 20 oz. per minute unless recommended and required by equipment manufacturers and/or Public Health Officials for vehicle speeds of 10 to 20 m.p.h. and when the fogging equipment is capable of such higher rates of output per minute

NOTE: Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow are properly calibrated.

THERMAL AEROSOL FOGGING

TRUCK MOUNTED – Apply OMEGO MIST ULV diluted or undiluted with suitable Thermal Fogging equipment. Droplet size of thermal “fog” will range 0.1 to 1.0 micron. If diluted use a 60 to 100 second viscosity mineral oil, or another suitable non-phytotoxic diluent, to reduce oil requirement and sludge build-up in equipment. Do not exceed the maximum rates. May be applied at speeds of 5 m.p.h. up to 20 m.p.h. For use with **HAND CARRIED** and/or **LAWN MOWER FOGGERS**, use the same rates of A.I. per acre with a 50 foot swath width at a walking speed of 2 m.p.h. Do not fog to wet foliage. Do not fog when wind conditions exceed 10 miles per hour. Only use a clean, well maintained, and properly calibrated Fogger known to give excellent performance, Fog Down wind. Apply OMEGO MIST ULV to deliver 0.0001 to 0.007 lb. of Permethrin a.i. and 0.001 to 0.007 lb. Piperonyl Butoxide a.i. per acre. **NOTE: Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow are properly calibrated.**

MAY BE APPLIED OVER THE FOLLOWING CROPS

OMEGO MIST ULV may be applied over specific growing crops and range grasses prior to harvest for the control of adult mosquitoes and biting flies within or adjacent to these areas. Application can only be made where the following crops are present:

Almonds	Cauliflower	Range Grasses	Pears
Apples	Cherries	Leafy Vegetables	Peppers, Bell
Broccoli	Corn, Fodder	Lettuce	Soybeans
Brussels Sprouts	Corn, Forage	Mushrooms	Tomatoes
Cabbage	Corn, Grain	Onions, Dry Bulb	Vegetables, Cucurbits
Celery	Eggplant	Peaches	Walnuts

In the treatment of Corrals, Feed lots, Swine lots, Poultry ranges and Zoos, cover any exposed drinking water, drinking fountains and animal feed before application.

FIRST AID

IF SWALLOWED: Call a 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, and then continue rinsing. Call a poison control center or doctor for treatment advice.

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

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 1-800-858-7378 for emergency medical treatment advice. See below for additional Precautionary Statements.

NOTE TO PHYSICIAN: Solvent presents an aspiration hazard. Gastric lavage is indicated if material was taken internally. Vomiting may cause aspiration hazard.