

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS
(& DOMESTIC ANIMALS)

DO NOT TAKE INTERNALLY
DO NOT GET IN EYES
DO NOT GET ON SKIN

DANGER:

Concentrate causes skin and eye damage. Do not get in eyes, on skin or on clothing. May be fatal if swallowed. May be fatal if absorbed through skin. Avoid breathing spray mist. Use waterproof gloves and face shield or goggles when handling concentrate. In case of eye contact, immediately flush eyes with plenty of water and see a physician for skin. Immediately remove contaminated clothing and flush affected areas with plenty of water. Note to Physicians: Emergency Information (213) 264-3910. Naled is a cholinesterase inhibitor. Atropine is antidotal. 2-PAM is also antidotal and may be used in conjunction with atropine. Muscular damage may occur, and if gastric lavage is indicated it should be performed cautiously.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Keep out of lakes, streams and ponds. Direct application to water is prohibited. Do not apply when weather conditions favor drift from areas treated. Do not contaminate any body of water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH DANGER STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

STORAGE AND DISPOSAL

STORAGE: DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. Avoid contamination of feed, feedstuffs and drinking water. Concentrate may corrode metal spray or mixing equipment. Flush all equipment thoroughly with aromatic solvent after use.

KEEP PESTICIDE IN ORIGINAL CONTAINER. DO NOT PUT CONCENTRATE OR DILUTE INTO FOOD OR DRINK CONTAINERS.

CONTAINER DISPOSAL: Rinse with aromatic solvent when empty and offer for recycling, reconditioning or disposal in approved land fill or bury in a safe place.

NOTE: Residue that cannot be used or chemically reprocessed should be disposed of according to procedures approved by Federal, State or Local Disposal Authorities.

NALED 85 CONCENTRATE

Insecticide

(Organic phosphate compound liquid, N. O. S.)

Active Ingredient

*Naled

By Wt.

85%

Inert Ingredients

15%

*1,2-dibromo-2,2-dichloroethyl dimethyl phosphate

Contains 14 pounds technical naled per gallon equivalent to 12.6 pounds naled.

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Immediately get medical attention.

IF ON SKIN: Immediately remove contaminated clothing and flush affected areas with plenty of water.

IF IN EYES: Immediately flush eyes with plenty of water and see a physician.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

BLACKHAWK CHEMICAL CORPORATION

LOS ANGELES, CALIFORNIA 90023

EPA Reg. No. 2418-78-AA

EPA Est. 5481-CA-1

NET CONTENTS:

NALED 85 Concentrate is a special formulation for dilution in diesel oil to be applied for the control of mosquitoes, houseflies, and various other nuisance insects and grasshoppers. This product cannot be diluted with water.

DIRECTIONS

ADULT MOSQUITO CONTROL in Residential Areas, Municipalities, Tidal Marshes, Swamps, Woodlands, Livestock Pastures, Feed Lots and Pastures including Dairy Cattle. It is not necessary to avoid farm buildings, dairy barns, feed or storage areas. **THERMAL FOG GROUND APPLICATION:** Dilute 3.1 quarts (100 fl. ozs.) in 99 gallons No. 2 Fuel or Diesel Oil. Apply at the rate of 40 gallons per hour output, at an average vehicle speed of 5 miles per hour, applying swath 300 to 400 feet wide. **NON-THERMAL LOW VOLUME GROUND APPLICATION:** Dilute 2 quarts (64 fluid ounces) of NALED 85 CONCENTRATE in 4½ gallons of HAN or soybean oil to make 5 gallons of dilute solution.

Make application with ground ULV equipment pre-calibrated to apply a droplet size range of 11 to 20 microns. (Note: Optimum droplet size is 15 microns. If mosquito control will result from over atomization.) Apply dilute solution in a swath 300 feet wide as follows: Vehicle speed 5 M.P.H., 3 to 6 fl. oz. per minute; 10 M.P.H. 6 to 12 fl. oz. per minute; 15 M.P.H., 9 to 18 fl. oz. per minute. This is equivalent to 0.01 to 0.02 actual NALED per acre. The slower speeds and high rate should be used in dense vegetation. Large droplets may cause spotting of certain automobile finishes. Droplet size can be predetermined by using General Electric SC-87 Film. **GROUND ULV CONCENTRATE APPLICATION:** Apply NALED 85 CONCENTRATE undiluted at the rate of .6 fl. oz./min. at 5 mph; 1.2 fl. oz./min. at 10 mph; and 1.8 fl. oz./min. at 15 mph, applying a 300 foot swath. These flow rates are equivalent to 0.02 lb. actual naled per acre. **AIRPLANE APPLICATION:** Dilute 50 to 100 ounces (1.6 to 3.2 quarts) NALED 85 Concentrate in 100 gallons No. 2 Fuel Oil or diesel oil. Apply at rate of 1 gallon diluted material per acre. This is equivalent to 0.05 to .1 lb. actual NALED per acre. **ULTRA LOW VOLUME AIRCRAFT APPLICATION:** Apply ½ to 1 fl. oz. of undiluted NALED 85 CONCENTRATE per acre. The 1 oz. rate should be used where heavy vegetation such as woodlands exists. Spray when thermal activity is low and winds are 10 mph or less. Corrosion-resistant spray systems should be used. If flat fan nozzles are used they should be positioned 45° forward and used only on aircraft flying 100 mph or faster. Atomizing nozzles should be used on aircraft flying at speeds less than 100 mph. In either case, no more than 5% of the droplets should be larger than 80 microns. Large droplets may damage certain automobile finishes.

HOUSEFLIES, GNATS, CERTAIN OTHER NUISANCE INSECTS SUCH AS FLYING MOTHS, CRANEFLIES, MIDGES in Residential Areas, Municipalities, Tidal Marshes, Swamps, Woodlands, Livestock Pastures, Feed Lots and Pastures including dairy cattle. It is not necessary to avoid farm buildings, dairy barns, feed or storage areas. **THERMAL FOG APPLICATION:** Dilute 1 gallon to 99 gallons of No. 2 Fuel Oil or diesel oil. Apply at rate of 40 gallons per hour output at an average vehicle speed of 5 miles per hour, applying swath 300 to 400 feet wide. **AIRPLANE APPLICATION:** Dilute 100 to 230 fl. ozs. (¼ to 1 ½ gallons) NALED 85 Concentrate in 100 gallons No. 2 Fuel Oil or diesel oil. Smaller insects such as Gnats, and Midges — ¼ to 1 gallon. Larger insects such as Houseflies, Flying Moths, etc. — 1 to 1 ½ gallons. Apply 1 gallon diluted material per acre. Shrimp and crab will be killed at application rates recommended on this label. Do not apply where these are important resources.

GRASSHOPPERS in Rangeland, Field Areas and Pastures including Dairies: Dilute 3½ to 5 ½ gallons NALED 85 Concentrate in 100 gallons No. 2 fuel oil or diesel. Apply 1 gallon diluted spray per acre to give ½ to ¾ lb. actual NALED per acre. Apply when hopper hatch is completed. Use thorough cover and contact spray. Repeat or necessary. Animals may be present during treatment. Forage plants on pastures should not be cut for hay or be sold or shipped interstate within 4 days of application.

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

ACCEPTED

DEC 2 1961

U.S. DEPT. OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
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