

# NALED 85 CONCENTRATE

RQ NALED 2783

ORM-E

Insecticide

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USE AS A "ULV" OR THERMAL APPLICATION  
WITH GROUND OR AERIAL EQUIPMENT

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JAN 30 1985

THIS PRODUCT WILL NOT MIX WITH WATER  
FOR FLYING NUISANCE INSECTS AND  
FOR CONTROL OF ADULT MOSQUITOES IN  
RESIDENTIAL, MUNICIPAL & FARM COMMUNITIES  
GRASSHOPPERS ON RANGELAND & PASTURES

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

2498-78

ACTIVE INGREDIENT:	
Naled (1,2-dibromo-2,2-dichloroethyl	
dimethyl phosphate) . . . . .	85.0%
INERT INGREDIENTS: . . . . .	15.0%
Total	100.0%

Contains 14 pounds Technical Naled per gallon  
equivalent to 12.6 pounds Naled.

KEEP OUT OF REACH OF CHILDREN — 12 PT SIZE TYPE

DANGER — — — — 18 PT SIZE TYPE

## STATEMENT OF PRACTICAL TREATMENTS

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. **IF IN EYES:** Immediately flush eyes with plenty of water. Get medical attention immediately. **IF ON SKIN:** Remove contaminated clothing and wash affected area with soap and warm water. **IF INHALED:** Remove victim to fresh air. Give artificial respiration if indicated. Get medical attention immediately.

**NOTE TO PHYSICIAN:** For emergency information call 213-264-3910. Naled is a cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition develop Atropine Sulfate is antidotal. 2-PAM may also be used in conjunction with atropine. Mucosal damage may occur, and if gastric lavage is indicated it should be performed cautiously.

See Side Panel For Additional Precautionary Statements

EPA Reg. No. 2498-78

Net Contents 30 Gallons

EPA Est. No. 5481-CA-1

**BLACKHAWK CHEMICAL  
CORPORATION**

LOS ANGELES, CALIFORNIA 90023

# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** May be fatal if swallowed or absorbed through the skin. Concentrate causes skin and eye damage. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Use waterproof gloves and face shield or goggles when handling concentrate. See Statements of Practical Treatments on front panel.

## ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. This pesticide is toxic to fish, aquatic invertebrates, and wildlife. Do not apply to water or wetlands. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Shrimp and crabs may also be killed at application rates recommended. Do not apply where these are important resources.

## PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill, or store near heat or open flame. Corrosive-resistant spray systems should be used. Large droplets may damage certain automobile finishes. Concentrate may corrode metal spray or mixing equipment. Flush all equipment thoroughly with aromatic solvent after each use.

## DIRECTIONS FOR USE

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

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original container in a cool, dry, locked place out of reach of children. Do not put concentrate or diluted spray into food or drink containers.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

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## DIRECTIONS FOR USE (Cont.)

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.) to 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. Poor 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 forage 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 ¾ 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 ¾ 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 3¾ to 5½ 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 as necessary. Animals may be present during treatment. Forage plants on pastures or field areas 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.

/manufacturer and/or

