



Nocdown III®

Product No. 9007

Specimen Label

MISTING SYSTEM & ULV FOGGING PROTOCOL

FOR APPLICATION BY PCO OPERATORS, PUBLIC HEALTH OFFICIALS AND PERSONNEL OF MOSQUITO ABATEMENT DISTRICTS AND OTHER MOSQUITO CONTROL PROGRAMS.

- ◆ A Chemical Free Solution for Effective Adult Mosquito Control.
- ◆ Significant Cost Savings Compared to Chemical Alternatives.
- ◆ Pleasant Cedar Aroma.
- ◆ To Be Used as a Mist, Fog, Spray or Aerial Application for the Control of Non-Beneficial Insects.
- ◆ Unique Proprietary Formulation Eliminates Damaging Oil Residue.
- ◆ Uses Water as a Diluent..
- ◆ Fast and Effective Control of Adult Mosquitoes.
- ◆ Residual Solution Provides Prolonged Insect Control.
- ◆ Provides Quick Knockdown and Effective Control of Black Flies, Gnats, Biting and Non-Biting Midges as well as Other Biting Flies.

ACTIVE INGREDIENTS:

Cedar Oil 67%

OTHER INGREDIENTS 33%

100%

EPA REGISTRATION NO.: Exempt From Registration. Nocdown III® 67/33 concentrate is approved as a minimum risk pesticide by the **EPA Ruling 40CFR 152.25B.**

PRECAUCION AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.

CAUTION: KEEP OUT OF REACH OF CHILDREN

FIRST AID: Avoid contact with eyes. In case of eye contact, flush with water for at least 15 minutes. Do not take internally. After use, wash hands with soap and water.

In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling (800) 424-4300.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS:

There are no known health risks to humans or animals, when this Product is used according to directions.

ENVIRONMENTAL HAZARDS:

There are no known environmental hazards associated with the use of this Product.

For Product Information Call Toll Free (800) 842-1464

CedarCide INDUSTRIES, INC.

P.O. BOX 549

SPRING, TEXAS 77383

(800) 842 - 1464

DIRECTIONS FOR USE

NOTICE: This concentrate can not be diluted with oil or petroleum distillate solutions

VEHICLE MOUNTED FOGGING APPLICATIONS

Utilize non-thermal ULV application equipment and base acreage calculations on a 300 foot swath. Adjust equipment to produce droplets within the range of 8 to 20 microns (mass median diameter) and apply when there is a light breeze (i.e., 5 to 10 mph), as recommended in Table 1, below.

An optimum swath is created when **Nocdown III®** is discharged from a vehicle traveling perpendicular to the wind direction. Direct the equipment spray head (nozzle) to insure even distribution of the spray cloud throughout the treatment area. For best results, apply when insects are most active and meteorological conditions are conducive to retaining the fog cloud close to the ground, that is, when temperature, air inversion and winds are not excessive. Application during the cooler early morning and/or evening hours is recommended. Avoid prolonged inhalation of spray droplets.

Nocdown III® may be applied through ULV Cold Aerosol Generators or other equipment designed for non-thermal ULV aerosol application. The desired application rate may be obtained under different conditions by altering the dilution rate of **Nocdown III®**, the flow of solution from the application equipment and the vehicle speed as illustrated in Table 1 below.

Nocdown III may be used for mosquito control programs including residential, industrial, municipalities, parks, campsites, woodlands, athletic fields, golf courses, gardens, playgrounds, recreational and overgrown waste areas, roadsides and other public areas where adult mosquitoes occur. **Nocdown III** is safe for use in both indoor and outdoor agricultural applications and for use in treatments of corrals, feed lots, barns, swine lots, poultry houses and zoos.

In areas of dense vegetation, greater discharge rates and/or slower speed is recommended.

**Table 1
Vehicle Mounted ULV Foggers**

Vehicle Speed (mph)	Mixture Ratio (gals) and Active Ingredient (%)				
	1:5 11.0%	1:7 8.3%	1:9 6.6%	1:11 5.5%	1:20 3.1%
Flow Rate (fluid ounces per minute)					
10	3.0	4.0	5.0	6.0	10.5
15	4.5	6.0	7.5	9.0	15.8
20	6.0	8.0	10.0	12.0	21.0

TO ACQUIRE A 300 FT SWATH WIDTH USING EQUIPMENT CALIBRATED TO PRODUCE DROPLETS BETWEEN 8 AND 20 MICRONS, AND APPLIED WITH A 5- 10 MPH BREEZE.

Instructions

1. Adjust 'Flow Rate' on ULV equipment to 6 fl.oz. per minute.
2. Mix 1 gal. of **Nocdown III®** concentrate to 11 gals. of water for a 5.5% active ingredient solution.
3. Apply from vehicle mounted ULV fogger at 10 miles per hour to obtain 300 foot swath width.

MISTING SYSTEM APPLICATIONS

Dilute **Nocdown III®** with tap water in accordance with Table 2 below, as needed. Set timer(s) per manufacturer recommendations to activate misting system.

Increase intermittent mist release to required intervals that result in absence of vector. Heavier infestations may require adjustment until the mist is discharged in equivalent proportions to the evaporation rate.

Enclosed or roofed facilities will require less mist in comparison to open air treatments. Stronger formulations, and longer, more frequent applications will enhance performance. Evening and early morning applications are recommended, when the air is heavier.

BARREL MOUNT FOGGER APPLICATIONS

Dilute **Nocdown III®** with tap water in accordance with Table 2 below, as needed. Place unit in strategic, upwind location to maximize coverage. Set discharge and frequency timers to expel adequate fog, and to release cedar mixture in equivalent proportions to the evaporation rate. Enclosed or roofed areas require less frequent applications. Stronger formulations, and longer, more frequent applications will enhance performance. Evening and early morning applications are recommended, when the air is heavier. Feed lots, meat packing facilities and canneries will require heavier, more frequent treatments.

CROP DUSTING APPLICATIONS

Dilute 1 gallon of **Nocdown III®** to 6 gallons tap water to obtain a 9.4% active. Consult ULV equipment disbursement schedule for flight speed and ounce per minute flow rate. Discharge rate should approximate 3 ounces or more per minute, subject to equipment VMD (droplet size) output recommendations; preferably 50 microns maximum.

**Table 2
Misting Systems & Barrel Mounted ULV Foggers**

Container Size (In gals.)	System Mixtures & Active Ingredient Percentage (%)					
	Gallon(s) of Concentrate					
	5	3	1	3/4	1/2	1/4
250	1.3%	0.8%	-	-	-	-
100	3.3%	2.0%	0.7%	0.5%	0.3%	-
55	6.0%	3.8%	1.2%	0.9%	0.6%	0.3%
30	-	-	2.2%	1.6%	1.1%	0.5%
15	-	-	4.4%	3.3%	2.2%	1.1%

Recommended Usage

- | | |
|--|------------------|
| For Enclosed Areas and Light Infestations | ● 0.3% to 0.6% |
| For Normal Conditions and/or Routine Maintenance | ● 0.6% to 1.2% |
| For Initial Applications and Heavy Infestations | ● 1.2% and Above |

Stronger mixtures and more frequent applications will enhance and extend results.