

# CedarCide™

## "CHEMICAL FREE SOLUTIONS"

CONCENTRATED WATER SOLUBLE FORMULATION<sup>a</sup>  
FOR USE IN

**MISTING SYSTEMS ● ULV NON-THERMAL FOGGING ● FERTIGATION ● CROP DUSTING**

PCO developed technology for

**HOMES - LAWNS - SHRUBBERY - FLOWER AND VEGETABLE GARDENS - EQUINE CENTERS - DAIRY BARNs - POULTRY HOUSES - FEED LOTS - PACKING HOUSES WAREHOUSES - FOOD PROCESSING RESTAURANTS - WINERIES - GREEN HOUSES - VINEYARDS - AGRICULTURAL FORUMS - VEGETABLE AND FISH CANNERIES - SEWER PLANTS - DOG KENNELS - MOSQUITO ABATEMENT - SCHOOLS - ZOOS**

***Instrumental in the control of arthropods including, but not limited to:***

Mosquitoes, flies, chinch bugs, fleas, gnats, no-see-ums, crickets, grasshoppers, beetles, scorpions, white flies, roaches, silverfish, moths, ticks, chiggers, weevils and numerous other pheromone driven insects and venomous snakes.

### CONSUMER INFORMATION

- Safe to humans, pets and livestock. Zero toxicity rating.
- Pleasant cedar aroma. No known allergens.
- Protective clothing and/or respirator not required for use.
- Over application enhances results *more is better*.
- Pet confinement unnecessary. Eliminates flea populations.
- Does not promote nervous system disorders in humans or animals
- No oil residue, build up, or staining to treated areas.

### PERFORMANCE DATA

- Repels and overcomes pesky insects. Acceptable knockdown rate.
- Has no effect on beneficial insects (ie., butterflies, ladybugs, etc.)
- Repels and/or overcomes venomous snakes.
- Reduces spiders and mud daubers in treated areas.
- Creates barrier of reentry against pheromone and heat-seeking insects.
- Breaks *egg layer cycle* eliminating second generation insects.
- A *noncontact* repellent. No insect immunity or tolerance issues.
- Does not promote phytotoxic leaf or vegetation burn.
- Eliminates collateral damage and wind drift issues.
- Equipment friendly, water-soluble liquid does not solidify or erode.
- No defined re-entry levels or evacuation of treated areas.
- Minimal diminishing foaming. Actives remain in suspension.

THIS PRODUCT IS CLASSIFIED AS A MINIMUM RISK PESTICIDE BY THE ENVIRONMENTAL PROTECTION AGENCY OF THE UNITED STATES OF AMERICA FOOD QUALITY PROTECTION ACT OF 1996. RULING 40 CFR 152.25 B. PUBLISHED IN THE FEDERAL REGISTRAR MARCH 6, 1996

<sup>a</sup>Scientific cedar oil formulation originates VMD droplets - utilized for wet or dry misting, fogging, fertigation and aerial applications. Proprietary compounding provides prolonged evaporation for extended results.

see next page for usage instructions

CedarCide® Product No. 9007

## Nocdown III

"CHEMICAL FREE SOLUTIONS"

### HOW THIS PRODUCT WORKS

NON-BENEFICIAL insects and venomous snakes instinctively react to pheromone (smell) and heat stimulus. To these "undesirables", cedar oil is lethal. Our **NOCDOWN III** formula interferes with their *octopamine neuro receptors*, and impairs an insect's instinctual ability to detect food, mate and reproduce. In layman's terms, the aroma of cedar oil to an insect or venomous snake is equivalent to the smell of ammonia to humans. When an insect's comfort level is disturbed, they become disoriented and overwhelmed. To escape the discomfort, they relocate into areas of concentration where sight-driven predators such as birds, lizards and beneficial insects control the infestation. Insect displacement also interrupts their "egg layer cycle", which eliminates the following generation of arthropods. Regular, continued use of this product will create a *barrier of re-entry* to treated areas, resulting in an insect-free environment.

### HOW TO USE THIS PRODUCT

(NOTE: THIS IS A CONCENTRATED LIQUID: DILUTION IS REQUIRED)

**MISTING SYSTEMS** - Mix 1 quart concentrate per 50 gallons of tap water. This will result in an active of .0034. Set timer per manufacturers recommendations to activate misting activity related to the objective. Increase intermittent atmospheric injections to intervals required that result in absence of vector. Heavier infestations may require periodic adjustments until cedar residue reaches identical proportions as that of the evaporation rate. Enclosed or roofed facilities require minimal ejections in comparison to open air treatment. Stronger formulations, lengthy and frequent discharge enhances performance. Nighttime and early morning applications are recommended, when air is more humid.

**VEHICLE MOUNTED ULV FOGGER (COLD FOG)** - For large-scale agricultural and municipal applications. Mix 1 gallon of concentrate per 11 gallons of tap water. This will result in a 5.5% active at a flow rate of 6 ounces per minute at 10 mph. Refer to PCO/public entity publication for alternate formulations and data on mosquito abatement protocol.

**BARREL MOUNTED ULV FOGGER (COLD FOG)** - Mix 1 gallon concentrate to 50 gallons tap water for barrel mounted yard and industrial applications. Set discharge timer to expel adequate fog to encompass desired area of treatment. Set frequency timer for reoccurrence of fogging that will result in cedar residue reaching identical proportions to that of evaporation. Enclosed or roofed areas retain treatment and require less frequent applications. Lengthy and frequent discharge or stronger formulations will enhance performance. Night and heavy air mornings will stimulate insect fogging results. Feed lots and canneries require multiple treatment levels. Dry fog emission requires minimal interval activation.

**HAND HELD ULV FOGGER (COLD FOG)** - Mix 1 part concentrate to 5 parts tap water. This will result in a 11% active solution. Adjust nozzle flow rate to obtain desired results. VMD applicators of 15 or less (dry fog) suggest reduced elapsed time or weaker solutions.

**FERTIGATION** - Fill the proportional injector cavity or attach same to concentrate supply. Refer to equipment manufacturer data for recommended dilution rate of 1:1500 or flow of 6 ounces per minute. Adjust accordingly to traverse speed of irrigation apparatus and watering time to achieve desired arthropod control objective. Higher injection levels enhance performance.

**CROP DUSTING** - Mix 1 gallon concentrate 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. Recommended discharge is from 3 ounces per minute or more subject to ULV equipment manufacturer VMD (droplet size), preferably 50 microns maximum. Insect infestations require higher flow rates than preventative objectives.

### SEE MSDS SHEET FOR PRECAUTIONARY STATEMENT

MANUFACTURED BY ACTIVE INGREDIENT DIVISION OF

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