



**KILLS INSECTS WITH VAPOR ACTION**

**Effective Against: Ants, Bed Bugs, Bed Bug Eggs, Bees, Beetles, Carpet Beetles, Clothes Moth Larvae, Cockroaches, Crickets, Fleas, Flies, Flour Beetles, Gnats, Hornets, Millipedes, Mosquitoes, Moths, Silverfish, Sowbugs, Spiders, Ticks, Wasps, Waterbugs and Weevils.**

**INTENDED FOR SALE TO, USE AND STORAGE BY LICENSED PEST CONTROL OPERATORS, OR PERSONS UNDER THEIR DIRECT SUPERVISION, ONLY**

**ACTIVE INGREDIENT:**

Dichlorvos (2,2-Dichlorovinyl dimethyl phosphate).....0.5%

**INERT INGREDIENTS:**.....99.5%

Total 100.0%

Contains petroleum distillates.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

<b>FIRST AID</b>	
Contains an organophosphate that inhibits cholinesterase.	
If swallowed:	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If in eyes:	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or clothing:	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled:	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>EMERGENCY INFORMATION</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:</b>	
For Medical Emergencies phone:.....1-888-681-4261	
For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC®.....1-800-424-9300	
For Product Use Information phone: AMVAC®.....1-888-462-6822	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage. May pose an aspiration pneumonia hazard. Contains petroleum distillate. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal.	

EPA Reg. No. 5481-13

EPA Est. No. 47000-IA-001

NET CONTENTS: 17 oz.



## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

#### Hazards to Humans:

**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long-sleeved shirt, long pants, shoes and socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse. **KEEP OUT OF THE REACH OF CHILDREN.** Do not apply to surfaces contacted frequently by children or allow them in areas where surfaces are not yet dry. Avoid contamination of food/feed and foodstuffs. Do not treat areas where food or food/feed crops are growing. Do not smoke while using. Do not apply in patient rooms or rooms occupied by the elderly or infirm. Do not allow children to contact treated surfaces until dry.

#### Hazards to Domestic Animals:

Do not use on pets or animals. Do not spray directly on the skin or on animals. Do not allow pets to contact treated surfaces until dry.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminates, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton®.

Applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants
- Shoes and socks
- Chemical-resistant gloves

**Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.**

**Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.**

## USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

### Physical or Chemical Hazards

Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Not for use around electrical equipment.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. NUVAN DIRECTED SPRAY AEROSOL is intended for sale to and use by pest management professionals only. This product is NOT intended for sale to or use by homeowners.



## **USE RESTRICTIONS**

This product may be injurious to health; read entire label and use only as directed. Hold container upright to spray. Point valve opening away from face when spraying.

Keep people and pets out of the area during application. Only handlers wearing specified PPE may be in the area during application. Do not apply this product in a way that will contact any person or pet either directly or through drift. Do not allow people or pets to enter the treated area until sprays have dried.

Do NOT use in hospitals or clinical rooms, such as patient rooms, wards, nurseries, operating or emergency areas.

Use in residential sites as a crack and crevice or space spray is prohibited.

Use on lawns, turf or ornamentals is prohibited.

Do NOT use in any rooms where infants or the sick or aged occupy or will be present for any extended periods of confinement.

Do NOT use to treat non-perishable packaged or bagged and/or bulk, stored raw or processed agricultural commodities.

Do NOT use in federally inspected meat and poultry plants.

Do NOT use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed, in serving areas while food/feed is exposed or facility is in operation.

This product must only be used in non-food/feed areas of food/feed processing, food/feed manufacturing and food/feed service establishment sites including, but not limited to, garbage rooms, lavatories, floor drains (to sewer), entries and vestibules, offices, locker rooms, mechanical rooms, boiler rooms, garages, mop closets and storage rooms after canning or bottling.

Do not treat an area more frequently than once per month.

In the home, cover all food contact surfaces during treatment and thoroughly clean before using for food preparation or service.

**Application Sites:** For localized surface application in homes, apartments, hotels, motels, cabins, garages and basements. Also for use in and around commercial buildings, factories, warehouses and other commercial and industrial buildings.

**Application Rate:** Apply a 2 second application of product per 4-5 linear feet as a localized application with the spray being applied at 12-15 inches from the surface being treated.

Follow instructions for specific pests as listed below, repeating treatments as necessary, but not more frequently than once a month.

### **FLEAS, TICKS**

Thoroughly spray localized surfaces infested areas including floors, baseboards, door and window frames, pet enclosures, dog runs, kennels, litter box areas and pet bedding areas. Repeat as necessary, but not more than once a month. Place fresh bedding in animal quarters after treatment. Do not allow pets to lie, sleep or remain in treated areas until spray has dried. Do not spray pets or animals directly.

### **ANTS, BEETLES, COCKROACHES, CRICKETS, MILLIPEDES, SILVERFISH, SPIDERS, SOWBUGS, WATERBUGS**

Spray localized areas where these pests may harbor, travel, nest and breed including areas around baseboards, cabinets, walls, wall voids, fixtures and woodwork. Apply directly to pests when possible.

### **FLIES, GNATS, HORNETS, BEES AND WASPS**

Spray localized infested areas where they light, nest and/or harbor. Repeat if the insects return, but not more than one time per month.

### **CARPET BEETLES, CLOTHES MOTH LARVAE**

Clean and air contaminated materials before treating. Spray directly on pests, repeating treatment as needed, but not more than once a month. Treat under sides of carpets for carpet beetles as needed, but not more than once a month. Treat along carpet

edges where adult beetles may accumulate, travel and emerge from beneath carpets. It may be necessary to lift wall to wall carpet along the edges at the tack strip to make applications then replace the carpet after treatment. Articles not stored in moth tight containers should be retreated, but not more than one time per month.

#### **STORED PRODUCT PESTS INCLUDING FLOUR BEETLES AND GRANARY WEEVILS**

Spray localized areas where these pests may harbor, travel, nest and breed including, but not limited to, areas around baseboards, cabinets, walls, wall voids, fixtures and woodwork. Apply directly to pests when possible.

#### **BED BUGS & BED BUG EGGS**

Nuvan Directed Spray Aerosol kills bed bugs at the time of application and controls bed bug eggs for up to 14 days by direct application and through vapor action. For best results bed bug eggs must be directly contacted. Thoroughly inspect and treat areas where bed bugs may hide, travel, harbor or lay eggs. Treat surfaces of baseboards, floors, molding and other infested areas where bed bugs may hide, lay eggs or travel not more than once a month.

Remove furniture coverings including bed linens and blankets. Infested coverings, bedding and linens should be sealed in a plastic bag and then removed for laundering and run in a hot clothes dryer for a sufficient time and temperature to destroy all bed bugs that may be present. To avoid staining or discoloration of furniture surfaces, make an application to a hidden area of items to be treated to test for potential staining or discoloration before making a complete application.

Inspect the mattress, box spring, bed frame and other furniture thoroughly for the presence of bed bugs and bed bug eggs. Dismantle beds and other furniture as needed to inspect and treat mattress, box springs, bed frame, and headboard.

Inspect and treat furniture and other items where bed bugs and bed bug eggs may be present such as night stands, chairs, couches, futons, tables, desks, artwork, wall hangings, luggage, books, shelving and other items where bed bugs may hide. Sensitive electronic items may be successfully treated using Nuvan® Prostrips® as needed, following directions on the product label.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Store product in its original labeled container in a cool, dry, locked place out of reach of children.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Offer for recycling, if available. Do not incinerate or puncture.

#### **LIMITED WARRANTY AND DISCLAIMER**

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness. Tests have not been made under all conditions.

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**SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

**Proposition 65: Warning: This product contains a chemical known to the State of California to cause cancer.**

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