Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2014-2016 LIC. NO.

9521.107

NUVAN®
DIRECTED SPRAY AEROSOL

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

EPA Reg. No. 5481-13 **EPA Est. No. 47000-IA-1**

AMVAC®

NET CONTENTS: 17 oz.

Amvac Chemical Corporation
4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A.
1-888-462-6822

20140709

FIRST AID

Contains an organophosphate that inhibits cholinesterase.

IF SWALLOWED:	• Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
IF IN EYES:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.

EMERGENCY INFORMATION

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:
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

NOTE TO PHYSICIAN

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.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

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 use on pets or animals. Do not smoke while using. Do not spray directly on the skin or on animals. Do not apply in patient rooms or rooms occupied by the elderly or infirm. Do not allow children or 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. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

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.

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 wash-waters 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.

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.

See inside booklet for additional Precautionary Statements and Directions for Use.

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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. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

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.

See inside booklet for additional Precautionary Statements and Directions for Use.

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 wash-waters 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. Use in residential sites as a crack and crevice or space spray is prohibited. Use on lawns, turf or ornamentals is prohibited. 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.

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 applications. 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 reoccupy treated areas for at least two (2) hours.

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

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 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.

Do NOT use in federally inspected meat and poultry plants.

FOR COMMERCIAL APPLICATIONS, DO NOT TREAT MORE FREQUENTLY THAN ONCE A MONTH.

This product may 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.

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

Applicators: Do NOT treat more than five (5) application sites per day and do NOT make DDVP applications more than once per week.

Application Sites: For localized surface application in homes, cabins, garages and basements. Also for use in and around apartments, commercial buildings, factories, hotels, motels, 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 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, but not limited, to 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 and replace carpet after treatment applications. 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

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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.

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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, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW MANUFACTURER OR SELLER 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. [OPTIONAL FOR USE IN CALIFORNIA]

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