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7.5.15  
CHEM NUT, INC.

## VAPONA INSECTICIDE EC

For Industrial/Agricultural Use Only

### ACTIVE INGREDIENTS:

2,2-Dichlorovinyl Dimethyl Phosphate ..... 22.0%\*

Related Compounds ..... 1.7%\*

INERT INGREDIENTS: ..... 76.3%

TOTAL ..... 100.0%

\*Equivalent to 23.7% Vapona Insecticide

**KEEP OUT OF REACH OF CHILDREN**

**POISON**

**DANGER PELIGRO**

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**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta la etiqueta haya sido explicado ampliamente.

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Center immediately. Gastric lavage is indicated if material was taken internally. **DO NOT INDUCE** vomiting unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

**IF INHALED:** Remove victim to fresh air and apply artificial respiration if needed.

**IF ON SKIN:** Remove contaminated clothing and wash affected areas immediately with soap and water.

**IF IN EYES:** Flush eyes with plenty of water. Call a physician immediately.

**NOTE TO PHYSICIAN - POISONING SYMPTOMS:** Symptoms include weakness, headache, tightness in chest, blurred vision, nonreactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps. **TREATMENT:** Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation Atropine Sulfate should be injected at 10-minute intervals in doses of 1 to 2 milligrams until

complete atropinization has occurred. Morphine is contraindicated. 2 PAM is also antidotal and may be administered in conjunction with Atropine. Clear chest by postural drainage. Repeated exposure to cholinesterase inhibitors may without warning cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been allowed as determined by a blood test.

See Additional Precautionary Statements on Left Panel

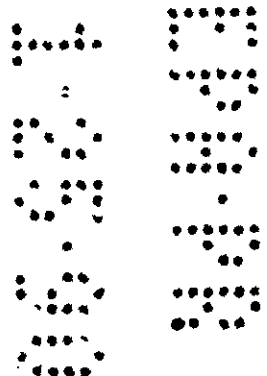
EPA Reg. No. 37686-31

EPA Est. No. 51036-GA-1

Manufactured By  
CHEM NUT, INC.  
P.O. BOX 3706  
ALBANY, GEORGIA 31706

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**PRECAUTIONARY STATEMENTS**  
**Hazards To Humans And Domestic Animals**  
**DANGER**

VAPONA is poisonous if swallowed, inhaled, or absorbed through the skin or eyes. Do not get on skin or in eyes. Do not breathe fumes. Avoid prolonged exposures to fumes. Wear natural rubber gloves, protective clothing and goggles when handling the concentrate to prepare emulsions. Wear a pesticide respirator jointly approved by the National Institute for Occupational Safety and Health under the provisions of Part II of Title 30 of the Code of Federal Regulations. Keep all unprotected persons out of operational area.

In case of contact, wash immediately with soap and water. Wash hands, arms and face thoroughly with soap and water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

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**DIRECTIONS FOR USE**

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

**CHEMIGATION PROHIBITION**

Do not apply this product through any type of irrigation system.

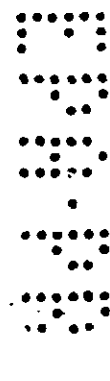
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**STORAGE AND DISPOSAL**

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.

**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 nearest State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.



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**CONTAINER DISPOSAL (Plastic):** 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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### **GENERAL DIRECTIONS**

**VAPONA EM-2** kills flies, mosquitoes, wasps, ants, fleas, roaches, waterbugs, spiders, silverfish, gnats and flying moths.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS.**

### **INDOOR PEST CONTROL SPRAYING**

Households and the Non-Food Areas of Restaurants, Theaters, Food Processing Plants, Industrial Plants, Warehouses:

**INSECTS -** Flies, Mosquitoes, Wasps, Gnats, Flying Moths, and other small flying insects. Cockroaches, Ants, Spiders, and Silverfish.

**MIXING RATE -** Use a 0.5% Spray Solution by mixing 1 pint of this product with 6 gallons of water.

**HOW TO APPLY -** Apply 0.5% spray with a low pressure sprayer to localized areas insects may infest. Treat areas around baseboards, cracks, walls, door and window frames, and localized areas of floors. Do not apply to areas which will be contacted frequently by children and do not allow them in treated areas until surfaces are dry. Do not contaminate food, water, food containers or cooking utensils. Do not treat animals. Do not use in edible products areas of food process - plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed.

### **FOGGING AND MISTING**

**FOOD PROCESSING PLANTS, INDUSTRIAL PLANTS, THEATERS, WAREHOUSES, (SPACE SPRAY ONLY):**

**INSECTS:** Fleas, Ants, Roaches and Silverfish

**BEST AVAILABLE**



**HOW TO APPLY:** Apply the 1% fogging solution with fogging apparatus or mist blowers at the rate of 5 to 10 pints per acre, equivalent to 0.05 to 0.1 pound Vapona insecticide per acre. Do not treat areas where food or feed crops are growing.

**AS A SPRAY:** For the control of flies, gnats, mosquitoes, roaches, fleas, ants, sowbugs, and brown dog ticks, use a 0.5% spray solution by mixing 1 pint of this product with 6 gallons of water or 1 pint in 7 gallons of diesel oil. Apply as a coarse wet spray at the rate of 1 quart per 1,000 sq. ft. Do not treat animals or humans. Do not contaminate water, food, food containers or cooking utensils. Repeat as necessary.

This product may be used as a 1% to a 3% fog or mist solution to control flies, mosquitoes, wasps, gnats and other small flying insects in outdoor areas

#### **MANURE PILES, GARBAGE DUMPS**

For the control of fly maggot breeding areas apply at the rate of 1 to 2 quarts of 0.5% spray solution per 100 sq. ft. (Use 1 quart of 1% solution).

#### **DOG KENNELS**

Apply to outside dog runways, window sills and ledges at the rate of 1 quart of 0.5% spray solution per 1,000 sq. ft. For the control of fleas, and brown dog ticks, increase dosage to 2 quarts of 0.5% spray per 1,000 sq. ft. **NOTE:** Remove dogs and cover or remove feed and water before treating.

#### **ANIMAL BUILDINGS**

##### **HORSE BARN, DAIRY BARN, SHELTER SHEDS, MILK SHEDS, PIG PENS, OUT-DOOR AREAS**

**AS A SPRAY: INSECTS** - Flies, gnats, mosquitoes, roaches, fleas, ants, sowbugs, and brown dog ticks.

**IMPORTANT** - Applicator should wear an approved respirator when using this product indoors and should vacate the area after treatment. See Precautions.

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**MIXING RATE:** Use a 0.5% spray solution by mixing 1 pint of this product with 6 gallons of water. Apply as a coarse wet spray at the rate of 1 quart per 1,000 sq. ft.

**HOW TO APPLY:** Before applying in enclosed areas, reduce air movement as much as possible by closing doors, windows and other openings. Spray around doorways, feed storage rooms, alleyways, and window sills. Do not contaminate milk or milking utensils. Do not treat animals or humans. Do not contaminate water, feed or foodstuff. Repeat as necessary. Animals may be present during treatment. In poultry houses apply to manure, window sills, outside of penned enclosures and on floor of feed storage rooms.

**AS A FOG: INSECTS -** Flies, gnats, mosquitoes.

**IMPORTANT PRECAUTIONS:** Remove animals before fogging. Applicator must not remain in treated area. Start application at far end of building and backup toward exit while treating. Keep area closed for at least 10 minutes to kill resting adult flying insects. After treatment the area should be opened up and ventilated prior to reoccupying by humans or animals.

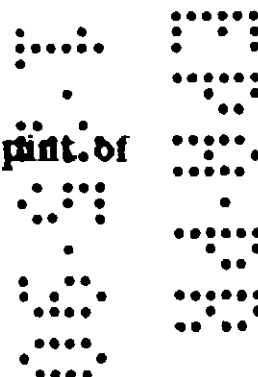
**MIXING RATE:** Use a 0.5% to 1.0% fogging solution by mixing 1 pint of this product with 7 gallons diesel oil for 0.5% and for 1.0% dilute 1 quart per 7 gallons of diesel oil.

**HOW TO APPLY:** Apply with fogging or misting equipment at the rate of 1 quart of the 0.5% solution or 1 pint of the 1.0% solution per 8,000 cubic feet. Before applying reduce air movement as much as possible by closing doors, windows, and other openings. Do not contaminate water, feed or foodstuffs, milk or milking utensils. Do not use in areas where animals have received direct applications of VAPONA within 8 hours.

#### **CATTLE FEED LOTS, STOCKYARDS, HOLDING PENS, CORRALS**

**INSECTS:** Flies, gnats, mosquitoes.

**MIXING RATE:** Use a 0.5% VAPONA solution by mixing 1 pint of this product with 6 gallons of water.



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HOW TO APPLY: Apply with a mist blower or other suitable equipment as an overall application at the rate of 0.2 pounds of Technical VAPONA per acre (approximately 5 gallons of the 0.5% solution). Particular attention should be given to areas where flies congregate such as fences, spillage areas, around feed bunks, and walls of building. Animals may be present during treatment. Avoid direct application to exposed feed and water.

### DAIRY AND BEEF CATTLE APPLICATIONS

AS A SPRAY. INSECTS - Horn flies, stable flies, face flies, house flies, mos-quitoses.

MIXING RATE: Use a 1.0% VAPONA solution by mixing 1 quart of this product with 9 gallons of water.

HOW TO APPLY: Apply 2 fluid ounces per animal as a mist daily with hand or an automatic sprayer. Spray to cover all parts of the animal, including the legs but do not wet the skin. Do not apply in excess of 2 fluid ounces per animal per day. This may be made in two application of one ounce in morning and one ounce in the evening. For horn flies, direct the spray to the back line, withers, and belly. For face flies, spray the forehead taking care to avoid getting spray in eyes.

IMPORTANT PRECAUTIONS: Do not apply to young calves under 6 months old. After treating dairy cattle, wash the teats with an approved cleaning solution and then dry them prior to milking. Do not treat sick or convalescing hypersensitivity to organophosphate insecticides. Do not apply dermally in conjunction with Trichlorfon and do not use on animals simultaneously or within a few days before or after treatment with, or exposure to, cholinesterase inhibiting drugs, pesticides or chemicals.

FOR BAITED SOLUTION, sugar may be added at the rate of 1 pound per gallon of the 1.0% solution. To use for control of face flies apply approximately 3 ml of this to the forehead of the animal by making a single 6 inch stroke with a paint brush. Treat in morning while dairy animals are in the barn.

TOBACCO WAREHOUSES

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**AS A FOG: INSECTS - Cigarette beetles and tobacco moths in a closed ware-house storing unfinished tobacco only.**

**MIXING RATE: Use a 2% fogging solution by mixing 2 quarts of this product with 7 gallons of odorless oil or other oil solvents used for diluting insecticides for fogging. Solvents must be non-flammable and known to be safe for use in tobacco warehouses.**

**HOW TO APPLY: Apply the 2% fogging solution at a rate of 19 to 38 ounces per 10,000 cubic feet (10 to 20 grams of VAPONA per 10,000 Cu. Ft.). Make applications as often as necessary to maintain control. Prepare the warehouse for treatment by closing all doors, windows, and ventilators. Lock or barricade all entrances, post warning signs and take whatever precautions are necessary under the circumstances to prevent unprotected humans or domestic animals from entering area.**

It is generally desirable to make the applications in the late afternoon in order that the warehouse can be closed all night. All work in the warehouse must be suspended while warehouse remains closed. Workmen may enter the warehouse the morning after treatment after the area has been adequately ventilated. The fogging apparatus and operator should remain outdoors and the fog directed into the warehouse. Operator must wear a full face mask. See precautionary statement. Operator must wear gloves and be clothed to protect neck and all other skin surfaces.

#### **CONDITIONS OF SALE**

All statements concerning the use of this product apply only when used as directed. **THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL.** Read all directions carefully.

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