

CARDINAL  
CHEMICAL  
COMPANY



Manufacturing Facilities  
3171 Fitzgerald Road  
Rancho Cordova, CA 95742

EPA EST 5440-CA-1

PROTECTING  
THE FOODS  
THAT FEED  
THE NATION

# CARDINAL 5% VAPONA

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Concentrate is poisonous if swallowed, inhaled or absorbed through skin or eyes. Do not get on skin or in eyes. Do not breathe fumes. Wear a pesticide respirator jointly approved by the Mine Safety and Health Administration and by the National Institute for Occupational Safety and Health under the provision of 30 CFR Part 11.

### ENVIRONMENTAL HAZARDS

Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Not for use or storage in or around the home.

### DIRECTIONS FOR USE

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

### STORAGE AND DISPOSAL

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

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

**CONTAINER DISPOSAL** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

5% Vapona Insecticide is a specially formulated insecticide designed for use in the control of exposed stages of stored products insects infesting warehouses containing non-perishable, packaged or bagged raw or processed food commodities as well as bulk grains and other bulk non-perishable raw agricultural commodities, animal feeds and tobacco. The term "non-perishable" means any raw or processed food not subject to rapid decay or deterioration that would render it unfit for consumption.

Raw commodities include, but are not limited to: cocoa beans, field-dried beans, field-dried peas, grains, either bagged or bulk, tobacco and nuts. Not included are eggs, milk, meat, poultry, fresh fruits and vegetables such as onions, parsnips, potatoes and carrots.

Processed foods would include flour, sugar, cereals, packaged goods and crackers. Not included are hermetically sealed foods or manufactured dairy products and other processed foods requiring refrigeration.

## ONLY FOR SALE TO, USE AND STORAGE BY PEST CONTROL OPERATORS OR TRAINED PERSONNEL

### ACTIVE INGREDIENTS:

2,2-dichlorovinyl dimethyl phosphate\* ..... 4.65%  
Related Compounds ..... 0.35%

INERT INGREDIENTS ..... 95.00%  
TOTAL ..... 100.00%

\*Equivalent to 5% Vapona Insecticide

Contains Petroleum Distillates

**DANGER**  **POISON**

**KEEP OUT OF REACH OF CHILDREN**

### STATEMENT OF PRACTICAL TREATMENT

If swallowed - Call a physician or Poison Control Center immediately. Because of aspiration potential do not induce vomiting unless under direct medical supervision. Do not induce vomiting or give anything to an unconscious person.

If inhaled - Remove victim to fresh air. Apply artificial respiration if indicated.

If on skin - Remove contaminated clothing and wash affected areas with soap and water.

If in eyes - Flush eyes with plenty of water. Call a physician immediately.

**NOTE TO PHYSICIAN.** Atropine is the emergency antidote. See further first aid instructions on the right side panel.

SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

EPA Reg. No. 5440-114

### DIRECTIONS FOR USE, CONTINUED:

For the control of the exposed stages and the prevention of migration of most species of stored products insects, granary weevils, rice weevils, confused flour beetles, Indian meal-moths, saw-toothed grain beetles, cigarette beetles and cocoa bean moths in warehouse storage areas, above bulk grain, food processing areas, flour and grain mills, other grain handling facilities, bakeries, canning and bottling plants and brewery warehouses during times when the plant is not in operation and no food products are exposed. If bulk, unpacked processed foods are exposed, remove or cover before spraying begins. Food should be covered or removed during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before use. When using the product in these areas, apply only when the facility is not in operation. Use Cardinal 5% Vapona in a ULV type machine adjusted to deliver small particles. The rate of application should be between 1-2 grams of actual Vapona per 1,000 cu ft. or 1/2 or 1 oz. of liquid per 1,000 cu ft. Check amount in insecticide tank or auxiliary tank before and after treatment to assure proper dosage has been applied.

Treatment should be made during the hours when buildings are unoccupied. Buildings treated should be closed and ventilation kept at a minimum during application of the insecticide. Lock all entrances and do not allow unprotected workers to enter buildings while being treated. Place Caution Signs at all entrances stating "This building should be opened and aired prior to re-entry of unprotected workers or remain unoccupied by unprotected workers for at least 6 hours after treatment. Do not enter prior to o'clock (date) without protection." Repeat treatment at weekly intervals during season of peak insect activity for optimum results.

**FOR USE AS A CONTACT SPRAY** Dilute to 1% and spray 1 pint per 10,000 sq. ft. of floor space.

Do not use in edible product areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed.

**SPACE SPRAY AND CONTACT SPRAY** Dilute to 1-3% and apply at the rate of 1 gallon of spray per 64,000 cu. ft. to kill roaches, mosquitoes, silverfish, fleas, waterbugs, earwigs and spiders in sheltered situations. Adjust a ULV spraying device to a coarse spray for control of the above listed insects. Contact as many of the insects with the spray as possible. Thoroughly spray all parts of the room suspected of harboring these insects. Special attention should be paid to cracks, hidden surfaces under equipment and food storage areas. Then adjust the ULV device to deliver a fine spray for use as a space spray. Sweep up and destroy dead insects. Repeat treatment as necessary.

### STATEMENT OF PRACTICAL TREATMENT, CONTINUED

#### Antidote and First Aid Treatment

ATROPINE is the emergency antidote. CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.

Keep patient prone and quiet. Start artificial respiration if patient is not breathing. Transport the patient immediately to the nearest physician.

#### NOTE TO PHYSICIAN

**SYMPTOMS.** Symptoms include weakness, headache, lightness in chest, blurred vision, non-reactive 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. 2-PAM is also antidotal and may be administered in conjunction with Atropine.

Morphine is contraindicated. Clear chest by postural drainage. Observe patient continuously for 48 hours.

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 blood test.

**WARRANTY STATEMENT** Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product is beyond the control of the manufacturer. No guarantee, expressed or implied, is made as to the effect of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

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Not Reviewed. For information only.

The information on this label is for informational purposes only.

Not for sale.