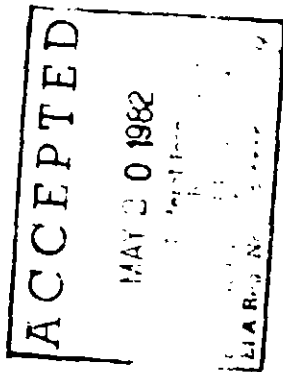


CARDINAL
CHEMICAL
COMPANY



FIFTY FRANCISCO ST
SAN FRANCISCO
CALIFORNIA 94133



EPA EST. 5440 (A-1)

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 Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) 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 spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

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. 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 would include cocoa beans, field dried beans, field dried peas, grains and nuts. Not included are eggs, milk, meat, poultry, fresh fruit and vegetables, such as onions, parsnips, potatoes and carrots.

Processed foods would include flour, sugar, cereals, packaged liquids and fats. 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**

ACTIVE INGREDIENTS

2,2-dichlorovinyl dimethyl phosphate*	4.65%
Related Compounds	0.35%
Petroleum Distillates	13.16%
INERT INGREDIENTS	81.84%
TOTAL	100.00%

*Equivalent to 5% Vapona Insecticide

DANGER  **POISON**

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth 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

USE AND APPLICATION DIRECTIONS

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, saw-toothed grain beetles, cigarette beetles, Indian-meal moths, mosquitoes and cocoa bean moths in warehouse storage areas and in food processing areas of flour and grain mills, 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, unpackaged foods are exposed, remove or cover before spraying begins. Food should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. 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 5% Vapona per 1,000 cu ft or 1/2 to 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 later _____ without protection." Repeat treatment at weekly intervals during season of peak insect activity for optimum results.

DO NOT USE IN EDIBLE PRODUCT AREAS OF FOOD PROCESSING PLANTS, RESTAURANTS OR OTHER AREAS WHERE FOOD IS COMMERCIALY PREPARED OR PROCESSED. DO NOT USE IN SERVING AREAS WHILE FOOD IS EXPOSED.

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

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

Antidote and First Aid Treatment

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

IF SYMPTOMS APPEAR: Administer two (2) 100-gram Atropine tablets immediately. NEVER ADMINISTER ATROPINE UNLESS SYMPTOMS APPEAR (See SYMPTOMS below).

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, tightness 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, caused 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 is expressed or implied, 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.