

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING! HAZARDOUS IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. DO NOT BREATHE SPRAY MIST. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.** Wash thoroughly with soap and water after handling and before eating and smoking. Wear clean clothing. In case of spillage on person or clothing, immediately remove clothing and flush skin or eyes with plenty of water, for eyes, get medical attention. Wash all contaminated clothing with soap and hot water before reuse. Do not breathe fumes. Rapidly absorbed through skin.

During commercial exposure in spray mixing and loading operations wear clean, natural rubber gloves, waterproof protective clothing and goggles when handling. 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 provisions of 30 CFR Part II. Keep all unprotected persons out of operational area.

Precautions must be observed when handling both the concentrated material and the diluted emulsions. Store the concentrate in a safe place. Children or animals must not be able to reach or handle the concentrate or diluted emulsion.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and other wildlife. Keep out of lakes, streams or ponds. Birds feeding on treated areas may be killed. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use, pour, spill or store near heat or open flame.

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

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

**STORAGE:** Do not store in or around the home. Store the concentrate in a safe place. Children or animals must not be able to reach or handle the concentrate or diluted emulsion.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely toxic. Immediately collect excess and spilled spray mixture or concentrate and dispose of these wastes in accordance with the instructions by use according to label instructions. Contact your State Pesticide Control Agency or the Hazardous Waste Response Unit at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL (METAL):** Triple rinse thoroughly. Then offer for recycling or reconditioning or purchase and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Decontaminate used containers by washing thoroughly with a strong solution of household detergent and rinsing with water. Dispose of rinsings in a way as in the instructions above and/or contaminate water supplies. **CAUTION:** Avoid skin and eye contact with caustic solutions.

**CONTAINER DISPOSAL (PLASTIC):** Triple rinse thoroughly. Then offer for recycling or reconditioning or purchase and dispose of in a sanitary landfill or incineration, if allowed by state and local authorities. By burning, if burned, stay out of smoke.



**CIODRIN  
VAPONA  
INSECTICIDE**

**Emulsifiable Concentrate**

**CONTAINS  
CIODRIN and VAPONA Insecticides**

ACTIVE INGREDIENTS	BY WEIGHT
Dimethyl phosphate of alpha methyl benzyl 3-hydroxy-cis-crotonate	10.0%
2,2-dichlorovinyl dimethyl phosphate	2.3%**
Related Compounds	0.2%**
Xylene	77.0%
<b>INERT INGREDIENTS</b>	<b>10.5%</b>
<b>TOTAL</b>	<b>100.0%</b>

\* CIODRIN® Insecticide  
\*\* Equivalent 2.5% Vapona (DDVP) Insecticide

**KEEP OUT OF REACH OF CHILDREN  
WARNING**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED - CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.** Do not present as a hazard if possible vomit. If still in stomach, induce vomiting by drinking or two glasses of water and induce vomiting by the same means with a weak solution of epsom salt. Do not induce vomiting or give anything by mouth to an unconscious or unconscious person.

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

**IF ON SKIN:** Remove clothing. Wash affected areas with soap and water.

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

**NOTE TO PHYSICIAN - ANTIDOTE STATEMENT**

(See side back panel for additional information.)

See side back panel for additional precautionary statement.

**NET CONTENTS ( LITERS)**

EPA Reg. No. 11649-9 EPA Est. No. 11649-1A-2

Manufactured By  
**InterChem, Inc.**  
Alton, Iowa 51003

**DIRECTIONS FOR**

Do not treat animals within one day of slaughter. Do not apply directly in combination with other insecticides due to possible rain injury. Do not apply to calves under 6 months of age as they may show hypersensitivity to organophosphates.

**FOR CONTROL OF FACE FLIES, FLYING STAR TICKS ON DAIRY CATTLE:** Mix 1 quart of CIODRIN VAPONA Insecticide Emulsifiable Concentrate (10% concentration) spray to throat using 1 - 2 pints of spray per large animal.

For pen or corral operations involving equipment, do not exceed a 0.5% Insecticide Emulsifiable Concentrate (10% concentration) spray to throat thoroughly cover the animal's body with 1 quart of spray per large animal application as necessary to maintain improved face fly control may be achieved by spraying 5 - 10 gallons of finished spray per 6 - 10 gallons of finished spray control, but not more often than once per week.

**LOW VOLUME APPLICATION FOR CONTROL OF CIODRIN-VAPONA Insecticide Emulsifiable Concentrate:** Using a calibrated sprayer, apply 5 - 10 teaspoons to the back and side of the animal to achieve the addition of 1 level teaspoon per 100 gallons of water.

**FOR CONTROL OF LICE AND WINT WORMS ON GOATS AND HOGS:** Mix 2 1/2 pints of concentrate per 16 gallons of water (0.156% concentration) spray animals thoroughly to maintain control, but not more often than once per week.

**BACKRUBBER APPLICATIONS:** For horn flies and face flies, mix 1 quart of concentrate per 4 gallons of backrubber or fuel oil in accordance with local regulations.

**FOR CONTROL OF HOUSE FLIES, LIVESTOCK BUILDINGS:** Mix 2 quarts of concentrate per 6 gallons of water (0.33% concentration) spray outside barn walls (including dairy parlors) at least twice monthly using approximately 25% improved house fly and face fly solution at the rate of 1 pound per 6 gallons of water. Do not use in poultry houses.

**FOR CONTROL OF CHORIOPTIC MITES ON LIVESTOCK:** Mix 2 quarts of concentrate per 6 gallons of water (0.33% concentration) spray animals thoroughly.

**NOTICE:** Seller's guarantee shall be in full force only if the buyer assumes any risk to persons or property by accepting the product on these conditions.

HP 2964

**BEST DOCUMENT**



# CIODRIN VAPONA INSECTICIDE

## Emulsifiable Concentrate

CONTAINS  
CIODRIN and VAPONA Insecticides

ACTIVE INGREDIENTS	BY WEIGHT
Dimethyl phosphate of alpha methyl 3-hydroxy-cis-crotonate	10.0%
2,2-dichlorovinyl dimethylphosphate	2.0%
Related Compounds	0.2%
Xylene	77.8%
<b>INERT INGREDIENTS</b>	<b>10.0%</b>
<b>TOTAL</b>	<b>100.0%</b>

\* CIODRIN \* Insecticide  
Equivalent 2.5% Vapona (DDVP) Insecticide

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED - CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.** Solvent presents aspiration hazard if possible vomit should be induced. Do not induce vomiting if patient is unconscious. Drink one or two glasses of water and induce vomiting by touching the back of the throat with a finger. Do not give anything by mouth to an unconscious or comatose person.

**IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated.

**IF ON SKIN:** Remove clothing. Wash exposed areas with plenty of water and soap.

**IF IN EYES:** Flush eyes with plenty of water for at least 15 minutes.

#### NOTE TO PHYSICIAN - ANTIDOTE STATEMENT

1. If you suspect poisoning, call your local health department for assistance.

See side-back panel for additional precautionary statement.

NET CONTENTS ( LITERS)

EPA Reg. No. 11843-9 EPA Est. No. 11849-4

Manufactured By  
**InterChem, Inc.**  
Alton, Iowa 51003

## DIRECTIONS FOR LIVESTOCK PEST CONTROL

Do not treat animals with the acidity of slaughter. Do not apply directly to animal with the exception of lice. Do not use on birds or possible mammals. Do not apply to horses under the name of any Brand name (Bayer, etc.) unless stated on the label as they may show hypersensitivity to insecticides.

**FOR CONTROL OF FACE FLIES, HOEN FLIES, HOUSE FLIES, STABLE FLIES, LICE AND LONESTAR TICKS ON DAIRY CATTLE, BEEF CATTLE, SHEEP, GOATS AND HOGS:** Mix 2 quarts of CIODRIN VAPONA Insecticide Emulsifiable Concentrate per 6 gallons of water (10% concentration). Spray thoroughly over all parts of the animal including the legs using 1-2 pints of spray per large animal and proportionately less for small animals.

For pen or extra spraying as required spray the stock with high pressure equipment. Do not exceed a 10% concentration. Mix 2 quarts of CIODRIN VAPONA Insecticide Emulsifiable Concentrate per 12 gallons of water (10% concentration). Spray to thoroughly cover the animal's body and legs with extra spraying of the head using 1-2 quarts of spray per large animal and proportionately less for small animals. Repeat above application as necessary to maintain control, but not more often than once every 7 days.

Improved fly control may be achieved by adding 1/2 cup of sugar to the spray solution at the rate of 1 pound per 6-10 gallons of finished spray. Repeat above application as necessary to maintain control, but not more often than once every 7 days.

**LOW VOLUME APPLICATION FOR CONTROL OF FACE FLIES:** Mix 4 tablespoons (2 fluid oz.) of CIODRIN VAPONA Insecticide Emulsifiable Concentrate per 1 gallon of water (1% concentration). Use a carburetor spray or apply 5 to 10 teaspoons of spray to the face and a total of 5-10 teaspoons to the back and sides of the animal 3 times per week. Improved control may be achieved by the addition of 1/2 cup of sugar per pint of finished spray solution.

**FOR CONTROL OF LICE AND WINTER TICKS ON DAIRY CATTLE, BEEF CATTLE, SHEEP, GOATS AND HOGS:** Mix 2 1/2 pints of CIODRIN VAPONA Insecticide Emulsifiable Concentrate per 16 gallons of water (6.25% concentration). Spray animals thoroughly using up to 1 gallon of spray. Apply a second application 14 days later. Repeat applications as necessary to maintain control, but not more often than once every 7 days.

**BACKRUBBER APPLICATIONS:** For use in backrubbers or face rubbers for the control of horn flies and face flies. Mix 1 quart of CIODRIN VAPONA Insecticide Emulsifiable Concentrate per 4 gallons of backrubber or face rubbers. This may be diluted or used on animals with lice or ticks.

**FOR CONTROL OF HOUSE FLIES, FACE FLIES, AND STABLE FLIES IN AND AROUND LIVESTOCK BUILDINGS:** Mix 2 quarts of CIODRIN VAPONA Insecticide Emulsifiable Concentrate per 6 gallons of water (10% concentration). Spray Pen and such as inside and outside of barn walls (including dairy parlors), pens and other enclosures for breeding animals at least twice monthly using approximately 1 gallon of spray per 1000 sq. ft. and 400 sq. ft. of space covered by the fly control system. Improved fly control may be achieved by the addition of 1/2 cup of sugar per 6 gallons of finished spray.

Do not use on poultry premises.

**FOR CONTROL OF CHORIOPTIC MITES ON DAIRY AND BEEF CATTLE:** Mix 2 1/2 pints of CIODRIN VAPONA Insecticide Emulsifiable Concentrate per 16 gallons of water (6.25% concentration). Spray animals thoroughly. Retreat within 10-14 days for lasting control.

**NOTICE:** For every application, be in full compliance with the terms of the label and subject the user to the terms and conditions of purchase, and subject the user to the terms and conditions of purchase and application of the product on these conditions.

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**BEST DOCUMENT AVAILABLE**