



NET CONTENTS 1 QUART

# ROCKLAND CIODRIN\* CONCENTRATE

Contains 2 Pounds Ciodrin Per Gallon

**ACTIVE INGREDIENTS:**

Dimethyl phosphate of alpha-methylbenzyl	25.5%
3-hydroxy-cis-crotonate	59.7%
Petroleum hydrocarbons	14.8%

**INERT INGREDIENTS:**

100.0%

**WARNING: KEEP OUT OF REACH OF CHILDREN.**

SEE BACK PANEL FOR COMPLETE CAUTION STATEMENT.

**Controls Stable Flies, Horn Flies, House Flies,  
Face Flies, Lice and Lone Star Ticks, on Dairy  
Cattle, Beef Cattle, Sheep, Goats and Hogs**

\*Ciodrin reg. Trade Mark of Shell Chemical Co.

**Rockland Chemical Co., Inc.**  
Passaic Avenue, West Caldwell, N. J.

ACCEPTED

9-9-71  
572-119

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
ED UNDER NO. 100-100000 SUBJECT  
TO ATTACHED COMMENTS.

**GENERAL DIRECTIONS:** CIODRIN CONCENTRATE (emulsible) is suitable for use in conventional hydraulic sprayers or low pressure knapsack sprayers. Just prior to use, mix the required amount of CIODRIN CONCENTRATE in sufficient water and apply in accordance with State and Federal Recommendations.

For control of stable flies, horn flies, face flies, house flies, lice and lone star ticks on dairy cattle, beef cattle, sheep, goats and hogs: Mix 1 quart of CIODRIN CONCENTRATE (2 lb./gal.) per 6 gallons of water (1% concentration). Spray to thoroughly cover 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 corral operations involving spray applications to livestock with high pressure equipment, do not exceed a 0.5% concentration. Mix 1 quart of CIODRIN CONCENTRATE (2 lb./gal.) per 12 gallons of water (0.5% concentration). Spray to thoroughly cover the animal's body and legs (avoid excessive spraying of the head) using 1-2 quarts of spray per large animal and proportionately less for smaller animals.

Improved face fly control may be achieved by adding sugar to the spray solution at the rate of 1 pound per 6-10 gallons of 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 fly: Mix 2 tablespoons (1 fluid ounce) of CIODRIN CONCENTRATE (2 lb./gal.) per 1 1/2 pints of water (1% concentration). Using a calibrated sprayer, apply 5 ml. of spray to the face and a total of 5-10 ml. to the back and sides of the animal 3 times per week.

Improved control may be achieved by the addition of 1 level tablespoon of sugar (0.4 ounce) per pint of spray solution.

For control of lice and winter ticks on dairy cattle, beef cattle, sheep, goats and hogs: Mix 1-2 1/2 pints CIODRIN CONCENTRATE (2 lb./gal.) per 30 gallons of water (0.1%-0.25% concentration). Spray animals thoroughly using up to 2 gallons of spray for the 0.1% concentration and up to 1 gallon of spray for the 0.25% concentration. Apply a second application 14 days later. Repeat treatment as needed after the second application but not within 7 days after second application.

**Back-Rubber Applications for Cattle:** For use in back-rubbers to control horn flies or face rubbers to control face flies, mix 1 quart of CIODRIN CONCENTRATE (2 lb./gal.) per 7 gallons of back-rubber base oil (1% concentration). This may be diesel fuel or combinations of diesel fuel and motor oil in accordance with local recommendations.

For control of house flies, face flies and stable flies in and around livestock buildings: Mix 1 quart of CIODRIN CONCENTRATE (2 lb./gal.) per 6 gallons of water (1% concentration). Spray premises such as inside and outside barn walls (including dairy barns), eaves, fences and other resting or breeding places at least twice monthly using approximately 1 gallon of finished spray per 1000 square feet. Do not spray Ciodrin in poultry houses.

Improved house fly and face fly control may be achieved by adding sugar to the spray solution at the rate of 1 pound per 6-10 gallons of spray.

For control of stable flies, horn flies, house flies, and face flies on dairy and beef cattle: Mix 4 tablespoons (2 fluid ounces) of CIODRIN CONCENTRATE (2 lb./gal.) per 1 1/2 pints of water (2% concentration). Spray to thoroughly cover all parts of the animal, including the legs, using 1-2 fluid ounces of spray per animal. Apply daily with conventional hand or power sprayers.

Improved control may be achieved by the addition of 1 level tablespoon of sugar (0.4 ounce) per pint of spray solution.

**WARNING: HAZARDOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN.** 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. During commercial or prolonged exposure in spray-mixing and loading operations, wear clean synthetic rubber gloves and a mask or respirator of a type found suitable by the U.S. Dept. of Agriculture for protection against Ciodrin Insecticide. Do not use, pour, spill or store near heat or open flame. Do not contaminate feed or foodstuffs. Food utensils such as teaspoons or tablespoons should not be used for food purposes after use with pesticides.

This product is toxic to fish and wildlife. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in a safe place.

**WARRANTY:** Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

U.S.D.A. Reg. No. 572-119