

GENERAL DIRECTIONS: VAPRIN Concentrate is suitable for mixing with water for use in conventional hydraulic sprayers or low pressure knapsack sprayers, or for mixing with oil for use in back-rubbing devices. Do not spray animals oftener than once a week.

DIRECTIONS FOR USE: For control of Horn Flies, Stable Flies, Face Flies, House Flies, Lice and Lone Star Ticks on Dairy Cattle, Beef Cattle, Sheep, Goats and Hogs. Dilute 1 gallon of this concentrate with 14 gallons of water (1 qt. to 3 1/2 gallons). Spray to thoroughly cover all parts of the animal, including the legs, using 1-2 pints of dilute spray per large animal, and proportionately less for smaller animals. May be repeated in seven days.

For pen or corral applications involving spray applications to livestock with high pressure equipment, use a weaker solution, made by mixing 1 gallon VAPRIN with 28 gallons of water. Spray to thoroughly cover the animal's body and legs (avoid excessive spraying of the head) using 1-2 quarts of dilute spray per large animal, and proportionately less for smaller animals.

BACKRUBBERS: For use in back-rubbers and face-rubbers, for the control of horn flies and face flies, mix 1 gallon VAPRIN with 17 gallons diesel fuel or similar suitable oil.

BUILDINGS: For control of house flies, stable flies, and face flies, in and around farm buildings (including dairy bars). Dilute 1 gallon VAPRIN with 14 gallons water (1 qt. to 3 1/2 gallons) and spray inside and outside barn walls, eaves, fences and other resting or breeding places at least twice monthly using approximately 1 gallon dilute spray per 1,000 square feet of surface. Do not use in milk rooms.

PAGE FLY: Improved control of face flies may be achieved by adding sugar to the spray solution at the rate of 1 pound sugar to 6-10 gallons of spray.

DO NOT SPRAY ANIMALS OFTEN THAN ONCE A WEEK.

#### ANTIDOTE AND FIRST AID TREATMENT

ATROPINE is the emergency antidote for VAPONA insecticide poisoning. Consult your physician about obtaining an adequate supply of 1/100-grain atropine tablets for emergency use. CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING. 2-Pam is also antidotal and may be used in conjunction with Atropine.

INTERNAL: If the material has been swallowed, induce vomiting immediately. This may be done by introducing a finger into the throat or by giving warm water (1 tablespoon of salt to a glass of water). NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

EXTERNAL: If the material has been spilled on the skin, immediately remove patient from the vicinity of the insecticide, remove all contaminated clothing, and wash skin with soap and running water.

If material gets into the eyes, wash immediately with running water for at least 10 minutes.

IF WARNING SYMPTOMS APPEAR: Administer two 1/100-grain Atropine tablets immediately. NEVER ADMINISTER ATROPINE UNLESS WARNING SYMPTOMS APPEAR. Keep patient prone and quiet. Start artificial respiration immediately, if patient is not breathing. Transport the patient immediately to the nearest physician.

Manufactured For  
TECHNE CORPORATION

St. Joseph, Mo. 64502; Denver, Colo. 80216

EPA Reg. No. 449-320

# Techne vaprin

VAPONA® CIODRIN® CONCENTRATE

ACCEPTED

FOR CONTROL OF FACE FLIES, HORN FLIES ON DAIRY AND BEEF CATTLE

#### ACTIVE INGREDIENTS:

Dimethyl phosphate of Alpha-methylbenzyl 3-hydroxy-cis-crotonate\* ..... 13  
2,2-dichlorovinyl dimethyl phosphate\*\* ..... 2  
Related compounds\*\* ..... 2

Aromatic petroleum distillate ..... 70  
INERT INGREDIENTS ..... 13

\*Equivalent to 16.29% technical ciodrin® of 80% purity.

\*\*Equivalent to 3.22% Vapona® insecticide.

KEEP OUT OF REACH OF CHILDREN



SEE SIDE PANEL FOR ANTIDOTE STATEMENT AND ADDITIONAL PRECAUTIONARY LABELING

# Techne vaprin

VAPONA® CIODRIN® CONCENTRATE

ACCEPTED

DEC 27 1972

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTRATION  
ED UNDER NOTICE TO ATTORNEYS GENERAL

FOR CONTROL OF FACE FLIES, HORN FLIES ON DAIRY AND BEEF CATTLE

**INGREDIENTS:**

Dimethyl phosphate of Alpha-methylbenzyl 3-hydroxy-cis-crotonate*	13.03%
1,2-dichlorovinyl dimethyl phosphate**	2.99%
Related compounds**	.23%
Aromatic petroleum distillate	70.38%
INGREDIENTS	13.37%

\*Equivalent to 16.29% technical ciodrin<sup>®</sup> of 80% purity.

\*\*Equivalent to 3.22% Vapona<sup>®</sup> insecticide.

**KEEP OUT OF REACH OF CHILDREN**



**POISON**



SEE LABEL FOR ANTIDOTE STATEMENT AND ADDITIONAL PRECAUTIONARY LABELING

**NOTE TO PHYSICIAN**

**WARNING SYMPTOMS:** Symptoms include weakness, headaches, tightness in chest, blurred vision, non-reactive pin-point 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 sulphate 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.

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on this label.

**PRECAUTIONS IN USING:** VAPRIN Concentrate and the dilute solutions are poisonous. Therefore, precautions must be observed when handling them. Store the concentrate in a safe place. Children and animals must not be able to reach or handle the concentrate or dilute solution. It is recommended that only the amount of diluted solution be prepared that will be used at once. Mix the concentrate into water or oil outdoors or in a well ventilated room. Wash off the outside of the bottle of concentrate in running water before storing away. Do not contaminate lakes or streams. Do not contaminate feed, water or foodstuffs. Rinse equipment and containers and dispose of wastes by burying in non-crop land away from water supplies.

**DANGER:** VAPRIN Concentrate is poisonous if swallowed, inhaled or absorbed through the skin or eyes. Do not get on skin or eyes. Do not breathe fumes. Avoid exposure to fumes. Wear natural rubber gloves, protective clothing and goggles when handling the concentrate to prepare emulsions. Wear a mask or respirator of a type passed by the U.S. Bureau of mines for DDVP (Vapona insecticide) protection. 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.

**NOTICE: DECONTAMINATE AND DESTROY USED CONTAINERS.**

Do not reuse for any purpose. Decontaminate containers by rinsing thoroughly with water and detergent. Dispose of rinsings in a way as not to constitute a hazard, or contaminate potable water supplies. Destroy containers by crushing and burying in an isolated area.

**NOTICE:** Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.