

CIOVAP

DAIRY & LIVESTOCK SPRAY

Controls **FLIES-LICE-LONE STAR TICKS ON DAIRY CATTLE, BEEF CATTLE, SHEEP, GOATS, & HOGS, & CHORIOPTIC MITES ON DAIRY and BEEF CATTLE.**

ACTIVE INGREDIENTS

BY WEIGHT

Dimethyl phosphate of alpha	10.0%
methylenediphenyl 2-hydroxy	10.0%
2,2,4-trimethyl-1,3-dioxane	10.0%
Related Compounds	2.5%**
Petroleum Hydrocarbons	17.0%
INERT INGREDIENTS	10.5%
TOTAL	100.0%

*CIODRIN® Insecticide
**Equivalent to 2.5% LAPONA® Insecticide

WARNING

KEEP OUT OF REACH OF CHILDREN

SEE OTHER CAUTIONS ON BACK PANEL

EPA Reg. No. 201-244 AA

TAKE TIME



RESERVE LABEL
DIRECTIONS

DAIRY & LIVESTOCK
CATTLE
SPRAY

AMOUNT OF
SOLUTION
APPLIED



NET CONTENTS: 1 GALLON



GENERAL DIRECTIONS

CIOVAP® Insecticide Emulsifiable must be mixed with water or oil, depending on use, prior to using. CIOVAP® is suitable for use in conventional power or low pressure knapsack sprayers, electric misters, and in cattle rubbing devices. Follow the **USE DIRECTIONS** for the proper percent solution needed for a specific use and insect problem. Follow the remarks for the safe use and best results in using this product. Refer to the **DILUTION TABLE** for the amount of CIOVAP® required to make the percent and quantity of spray solution needed.

USE DIRECTIONS

USE	INSECTS CONTROLLED	% OF SOLUTION	REMARKS
DIRECT APPLICATION DAIRY CATTLE BEEF CATTLE	Horn Flies Face Flies Stable Flies House Flies	1%	FINE MIST - Apply 1-2 oz. daily per animal with a low pressure sprayer or electric mister. Do not exceed 2 oz. per animal.
		0.5%	COARSE SPRAY - Apply 1-2 qts. of spray solution per animal with a high pressure sprayer. Repeat as necessary but not more often than once every 7 days.
DIRECT APPLICATION DAIRY CATTLE BEEF CATTLE SHEEP GOATS HOGS	Lice Winter Ticks Lone Star Ticks Chiggers Ear Mites	0.25%	Spray animals thoroughly using up to 1 gallon of spray solution per animal. Apply a second application 10-14 days later. Repeat as necessary but not more often than once every 7 days.
BACK OR FACERUBBERS DAIRY CATTLE BEEF CATTLE	Horn Flies Face Flies	1%	Mix with diesel oil or any approved backrubber base oil. Keep rubbing device charged.
SURFACE SPRAY DAIRY BARN SWINE BARN LIVESTOCK SHEDS OTHER FLY RESTING AND BREEDING AREAS	House Flies Stable Flies Face Flies	1%	Apply as a coarse spray to the point of run-off to ceilings, walls, fences, posts, manure piles or other fly resting and breeding areas. Spray at least twice monthly. Do not use in poultry houses.

SHELL CHEMICAL COMPANY
A Division of Shell Oil Company

DILUTION TABLE

AMOUNT OF CIOVAP® INSECTICIDE EMULSIFIABLE	AMOUNT OF WATER			AMOUNT OF OIL
	FINE MIST SPRAY	COARSE SPRAY		BACKRUBBER OR FACERUBBER
	(1%)	(0.25%)	(0.5%)	(1%)
1 pint	1 1/2 gallons	6 gallons	3 gallons	2 gallons
1 quart	3 gallons	12 gallons	6 gallons	4 gallons
1 gallon	12 gallons	48 gallons	24 gallons	16 gallons

CAUTIONS IN USING

KEEP OUT OF THE REACH OF CHILDREN AND DOMESTIC ANIMALS.

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. Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

During commercial or prolonged exposure in spray-mixing and loading operations, wear clean rubber gloves and a mask or respirator of a type found suitable by the U. S. Bureau of Mines for protection against CIOVAP® Insecticide. Use this material only for recommended purposes at recommended dosages.

This product is toxic to fish, birds and wildlife. 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 wastes. Apply this product only as specified on this label.

Do not apply dermally in combination with Trichlorofon. Do not treat animals within one day of slaughter.

DECONTAMINATE AND DESTROY USED CONTAINERS. Do not re-use for any purpose. Decontaminate containers by rinsing thoroughly with water and alkaline detergent. Destroy containers by breaking and burying fragments in isolated areas. Dispose of rinsings in a way as not to constitute a hazard, or contaminate water supplies.

NOTICE OF WARRANTY

SHELL CHEMICAL COMPANY MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE EXPRESS OR IMPLIED concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with statements made on this label.

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