

**RESTRICTED USE PESTICIDE**

For retail sale to, and use only by, Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certificate.

**ZOECON RF-163  
LIVESTOCK  
SPRAY & DIP**

NO WAITING PERIOD BEFORE SLAUGHTER

**ACTIVE INGREDIENTS:**  
Dioxathion [2,3-p-Dioxanedithiol S,S-Bis (O,O-diethyl phosphorodithioate)]..... 10.50%  
Related Compounds..... 4.50%  
2,2-Dichlorovinyl dimethyl phosphate..... 0.50%  
Related Compounds..... 0.04%  
Xylene Range Aromatic Solvent..... 67.92%  
**INERT INGREDIENTS..... 16.54%**

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

ACCEPTED COMMENTS  
in EPA Letter Dated:

See Back Panel for Additional  
Precautionary Statements

DEC 6 1982

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

2724-283

**CONTENTS:**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS - WARNING:** May be fatal if swallowed, inhaled or absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Do not contaminate feed and food stuffs. Wash hands thoroughly after using. Keep children and animals off treated areas until the grass is dry.

**STATEMENT OF PRACTICAL TREATMENT:** If swallowed, Call physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Note to physician: May present aspiration hazard. Gastric lavage is indicated if material was taken internally. If signs of cholinesterase inhibition are present, atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine. 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 with plenty of water. Call a physician immediately.

**Environmental Hazards:** This product is toxic to fish, birds and other wildlife. 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.

**Physical Hazard:** Do not use 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.

Dioxathion and dichlorvos are cholinesterase inhibitors. Do not use this product on animals simultaneously or within a few days before or after treatment with or exposure to cholinesterase inhibiting drugs, pesticides or chemicals. Consult veterinarian at the first sign of adverse reaction. Do not treat animals under 3 months of age. Do not use on dairy animals or in dairy barns.

**Beef Cattle & Horses:** To control Horn Flies, Cattle Lice, Ear Ticks, Lone Star Ticks, Gulf Coast Ticks, Winter Ticks, and Cattle Fever Ticks, mix 1 gal. ZOECON RF-163 with 100 gals. water and stir well to form creamy emulsion. Treat animals with a strong spray to penetrate to the skin, or dip thoroughly. Approximately 2 qts. of spray are required for adult beef cattle and proportionately less for younger animals. Be sure not to overdose young animals. For Tick control, repeat not more than once every 2 weeks. One spraying of ZOECON RF-163 will control Horn Flies up to 3 weeks and a single treatment will control Lice. Do not repeat treatment more often than every 2 weeks.

**Backrubbers:** As an aid in the control of Horn Flies and Lice on beef cattle, dilute 1 gal. ZOECON RF-163 with 9 gals. fuel oil or other suitable carrier and charge backrubber device or soak sack or cloth as occasion requires. Retreat backrubber as needed. Do not spray animals with this oil solution. Do not "pour on" oil solutions.

**"Pour On" Treatment:** For control of Horn Flies on beef cattle, dilute 1 gal. ZOECON RF-163 with 24 gals. water, and apply by pouring 1 qt. of dilute emulsion along the back line of the animal. The addition of 1 oz. SLICK Spreader-Sticker per 25 gals. of emulsion will aid in thorough wetting of animal's back. Do not retreat more often than every 30 days. Each treatment will control Horn Flies for 3 or 4 weeks.

**Hogs:** To control Hog Lice, use 1 gal. ZOECON RF-163 to 100 gals. water, mix well and spray animals with a strong spray to thoroughly wet the skin. Do not repeat treatment more often than every 2 weeks.

**Sheep and Goats:** To control Sheep Lice, Goat Lice, and Sheep Ticks (Keds) use 1 gal. ZOECON RF-163 with 100 gals. water, mix well and spray or dip animals thoroughly. When dipping animals, be sure to wet them thoroughly. Always stir dipping vat well just before using. Do not repeat treatment more often than every 2 weeks.

**Kennels & Lawns:** To control fleas and ticks in kennels, dog runs, lawns and outdoor areas, dilute 1 gal. of RF-163 with 30 gals. water. Thoroughly spray places where animals sleep or dog run areas. Apply 1 gal. of dilute mixture per 1,000 sq.ft. for Fleas and Ticks on lawns. Do not treat animals with this concentration. Repeat as necessary.

ZOECON RF-163 DILUTION TABLE

AMOUNT OF RF-163	GALLONS OF WATER		VOLUME OF OIL BACKRUBBER
	SPRAY OR DIP	"POUR ON" TREATMENT	
1 Quart	25 Gallons	6 Gallons	2 1/4 Gallons
1 Gallon	100 Gallons	24 Gallons	9 Gallons

**STORAGE & DISPOSAL**

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 - (Metal Container) 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. (Glass Container) Triple rinse (or equivalent) and dispose of in a sanitary landfill, or other approved state and local procedures.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material when such use and handling are contrary to label instructions.

Zoecon Industries  
12200 Denton Drive  
Dallas, Texas 75234

PEST REGISTRATION NO. 2724-283

EPA Reg. No. 2724-283  
EPA Est. 2724-1X-1  
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Made in USA  
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U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (WH-567)  
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

DEC 6 1982

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Zenon Industries  
12200 Denton Dr.  
Dallas, TX 75234

186/77768  
10/1

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Take the labeling changes listed below before you release the product for shipment:

change the heading "PHYSICAL ASPECTS" to "PHYSICAL AND CHEMICAL ASPECTS"; this comment was brought to your attention in our last letter.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE