



**SPECIMEN LABEL**  
REDUCED TO 71%

# KORLAN\* 24E

## INSECTICIDE

### FOR FLIES, LICE AND PEST CONTROL USE

**Active Ingredients:**

Ronnel (O,O-dimethyl O-(2,4,5-trichlorophenyl) phosphorothioate††)	24%
Aromatic petroleum derivative solvent	61%
Inert ingredients	15%

E.P.A. Registration No. 464-208-AA  
E.P.A. Est. 464-MI-1

Do not get in the eyes

Avoid contact with the skin.

Avoid prolonged breathing of spray mists.

Avoid contamination of food, feedstuffs, and water supplies.

Keep material out of reach of animals.

Keep away from heat and open flame.

Keep container closed

Wash thoroughly with soap and water after handling.

**NOTE TO PHYSICIAN:** This material is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

### CAUTION

KEEP OUT OF REACH OF CHILDREN  
IRRIJURIOUS TO THE EYES  
IRRITATING TO THE SKIN  
HARMFUL IF SWALLOWED  
COMBUSTIBLE

### AGRICULTURAL CHEMICAL

Do Not Ship or Store with Food, Feeds, or Clothing

**PRECAUCION AL USUARIO:** Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente

**TRANSLACION: (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)**

## 5 GAL / 18.9 L

86-1088 PRINTED IN U.S.A. IN NOVEMBER, 1974.

REPLACES SPECIMEN LABEL 86-1088 PRINTED IN SEPTEMBER, 1974.  
REVISIONS INCLUDE: (1) E.P.A. ESTABLISHMENT NUMBER ADDED.

(2) REMARKS ADDED TO MEAT PACKING AND POULTRY PROCESSING PLANTS.

(3) DOT HAZARDOUS SYMBOL ADDED

RECEIVED  
13 JUL 1974  
REGISTRY OF PHYSICIAN  
PESTICIDES EPA



# CAUTION—COMBUSTIBLE MIXTURE

N.Y.F.D.C of A. No. 1136

**CAUTION**  
 KEEP OUT OF REACH OF CHILDREN  
 INJURIOUS TO THE EYES • IRRITATING  
 TO THE SKIN • HARMFUL IF SWALLOWED  
 COMBUSTIBLE

## BACKRUBBER RECOMMENDATIONS

For control of lice if used on backrubbers, the concentration of the used concentrate should be 1% (100 parts per million). The backrubber is placed so animals do not come in contact with the concentrate. Do not use on congested areas.

Mix 1 gallon KORLAN 24E with 2 gallons of water or mineral oil. Saturate fibre. Recharge as necessary. Do not mix with used motor oil.

## SPRAY RECOMMENDATIONS

PROBLEM	Ronnal %	Amount KORLAN 24E for			REMARKS
		1 gal	25 gal	100 gal	
<b>LIVESTOCK INSECTS</b>					
<u>Flies and Lice</u>	1%	1.0 oz	1 qt	1 gal	Spray with 1% solution. Repeat as necessary. Do not use on food handling areas.
<u>Sheep Goats Lambs and Kids</u>	1%	1.0 oz	1 qt	1 gal	For use on sheep, goats, lambs and kids. Repeat as necessary.
<u>Hogs</u>	1%	1.0 oz	1 qt	1 gal	
<b>RESIDUAL FLY SPRAY</b>					
<u>Farm Buildings Poultry houses livestock shelters milk rooms dairy barns and hog barns</u>	1%	1.0 oz	1 qt	1 gal	Residual fly spray. Will give about 2 weeks control. A 1% spray will give 4 to 6 weeks control.
<u>Meat poultry and other food processing plants, refuse areas and containers</u>	1%	1.0 oz	1 qt	1 gal	Add 3 ounces of sugar per gallon for added effectiveness. To prevent contamination keep milk and milking equipment covered when spraying. Do not spray directly on birds.
<u>Restaurants and supermarkets Outside areas</u>	1%	1.0 oz	1 qt	1 gal	Do not apply in edible products areas of food processing plants.
<u>Owellings</u> Outside areas including porches patios and garages	1%	1.0 oz	1 qt	1 gal	Spray outside walls, trim, etc. Do not spray in food areas.
<u>Caged layers</u>	1%	1.0 oz	1 qt	1 gal	Spray inside trapping pens, etc.
<b>FLY BAIT</b>					
<u>Where flies congregated</u> in windows and doors	1%	1.0 oz	1 qt	1 gal	Add 3 ounces of sugar per gallon diluted spray. Spray or sprinkle at 1 to 2 day intervals until control is obtained. Do not use in food handling or food processing areas.
<b>DARKLING BEETLES</b>					
<u>in poultry houses</u>	1%	1.0 oz	1 qt	1 gal	Spray floors, footings, and lower part of inside walls of poultry houses. Use 2 gal of spray per 100 sq ft of area. Allow spray to dry before birds are placed on litter. Repeat as necessary but remove birds from area until spray is dry.
<b>COCKROACH CONTROL</b>					
<u>Buildings</u> Dwelling units, hotels and food handling establishments	1%	1.0 oz	1 qt	1 gal	Apply as a spot spray in areas frequented by cockroaches. Do not use in food handling or processing areas where food is prepared.
<u>Food Processing Plants</u>	1%	1.0 oz	1 qt	1 gal	Do not apply in the edible products areas of food processing plants.
<u>Meat Packing and Poultry Processing Plants</u>	1%	1.0 oz	1 qt	1 gal	Do not apply in edible products areas of food processing plants or other areas where food is commercially prepared or processed.
<b>MISCELLANEOUS INSECTS</b>					
<u>fleas and spiders</u> in buildings, laundry trucks, and dog kennels	1%	1.0 oz	1 qt	1 gal	Apply 1 gallon of dilute spray per 1000 sq ft. Spray floors, walls, cracks, crevices, sleeping quarters of pets, etc. where insects breed and harbor. Do not use in food handling or food processing areas.
<u>Bedbugs</u> in buildings and sleeping quarters, in beds and bedding	1%	1.0 oz	1 qt	1 gal	Spray mattress and bedding lightly, including seams and folds, cracks and crevices in bed frame, walls, baseboards, and floors. Allow bedding and mattress to dry before using.
<u>Fleas</u> in lawns and kennel run	1%	1.0 oz	1 qt	1 gal	Spray infested areas. Keep children off treated area until spray has dried.
<u>Ants, crickets, mosquitoes and silverfish</u>	1%	1.0 oz	1 qt	1 gal	Spray directly on insects where possible. Spray surfaces where insects might breed or congregate such as under sinks and drainboards, in cabinets, and around baseboards, door sills and frames, window frames, garages, and outbuildings. Repeat as necessary.
<u>Chinch Bugs</u> in lawns, Florida lawns. Retreat as necessary.	0.15%	0.8 oz	20 oz	80 oz	Apply following a good rain or a drench with 1/2 inch of water. Dilute with water only. Use 25 gallons diluted spray per 1250 sq ft. For thick turf repeat in two weeks if necessary.

### NOTE TO PHYSICIAN

Atropine is an antidote for the symptoms of cholinesterase inhibition.

### USE PRECAUTIONS

Do not spray sheep and goats within 28 days of slaughter. Do not spray beef cattle with 1% Ronnel within 14 days of slaughter.

Do not spray beef cattle with 1% Ronnel within 7 days of slaughter.

Beef cattle may be sprayed with 1% Ronnel any time prior to slaughter.

Backrubber may be used any time on beef or dairy cattle. Do not use spray on animals producing milk for human consumption.

Dairy cows should be treated early in their dry period. Do not spray dairy animals with 3/4% Ronnel for 14 days prior to freshening. If dairy cows or heifers freshen within 14 days of the last spray treatment, milk must not be used for food for the required 14 days after the last spray treatment with 3/4% Ronnel.

Do not spray dairy animals with 1/4% or 1/2% Ronnel for 7 days prior to freshening. If dairy cows or heifers freshen within 7 days of the last spray treatment, milk must not be used for food for the required 7 days after the last spray treatment with 1/4% or 1/2% Ronnel.

Remove lactating dairy animals from buildings while applying residual fly sprays.

Do not allow insecticide to come in contact with food, feed or water supplies.

This product is toxic to fish. 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 apply where runoff is likely to occur.

Do not use containers, sprayers, and other equipment used for mixing and applying herbicides or insecticides to crops or pastures to mix or apply KORLAN 24E to livestock.

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

**WARNING:** Ronnel is a cholinesterase inhibitor. 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. Treatment with excessive dosages of organophosphates may lead to the general symptoms of muscular weakness, diarrhea and excessive salivation. At the first sign of adverse reaction, consult a veterinarian. Atropine is an antidote.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.



# FOR FLIES, LICE PEST CONTROL KORLAN 24E

for use on **CATTLE** **HOGS** **SHEEP GOATS** **NEWBORN TOO**

for use in **DAIRY BARN** **MILK ROOMS** **HOG BARN** **POULTRY HOUSE** **FARM BUILDING** **BACKRUBBERS**

to control **LICE** **HORN FLIES** **FACE FLIES** **SCREW-WORMS** **WOOL MAGGOTS** **SHEEP KEDS** **COCKROACHES** **HOUSE FLIES**

**WATER EMULSIFIABLE • OIL SOLUBLE**