

## 2 LB. RONNEL CONCENTRATE

### BACKRUBBER DIRECTIONS

Use this product to control horn flies, ticks and biting insects on the skin of beef and dairy cattle and dairy goats during the summer and colder months. Dilute this product one part to 27 parts of diesel kerosene. Do not mix with motor oil. The mechanical backrubber should be located in an area that will allow cattle free access to the mechanism. These areas would include loafing areas, feed lots, or salt licks.

Initially charge or saturate the oiler with diluted material when placed and repeat in 10 to 14 days or as needed to give insect control.

Backrubber may be used anytime on beef and dairy cattle.

Ronnel is a cholinesterase inhibitor. Do not use the product on animals simultaneously or within a few days before or after treatment with or exposure to cholinesterase inhibiting drugs, pesticides or chemicals. Atropine is an antidote. Consult veterinarians at first sign of an adverse reaction.

### NOTICE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose 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.

EPA Reg. No. 100-100000-01  
EPA EST. NO. 100-100000-01

NET CONTENTS 1 GALLON



# 2 LB. RONNEL CONCENTRATE

Contains **KORLAN**®

An insecticide concentrate for  
use in livestock oilers.

A spray concentrate for use on  
livestock and farm buildings.

**TO CONTROL FLIES, LICE, MOSQUITOES, SPIDERS, ANTS AND COCKROACHES**

|  |     |
|--|-----|
| <b>ACTIVE INGREDIENTS:</b>                                       |     |
| Ronnel (O,O-dimethyl O-(2,4,5-trichlorophenyl) phosphorothioate) | 24% |
| Xylene and related hydrocarbons                                  | 59% |
| <b>INERT INGREDIENTS:</b>  | 17% |

Contains Korlan® — trademark of the Dow Chemical Company  
(2 LBS RONNEL PER GALLON)

### CAUTION

**KEEP OUT OF THE REACH OF CHILDREN!**

Injurious to the eyes, irritating to the skin, harmful if swallowed. Do not get in the eyes. Avoid contact with the skin. Avoid breathing of spray mist. Keep out of reach of children. Avoid contamination of food, feedstuffs and water supplies. Wash thoroughly with soap and water after handling.

**NOTE TO PHYSICIAN:** Ronnel is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote. Destroy container by crushing and perforating and bury in non-crop land away from water supplies.

**COMBUSTIBLE LIQUID! KEEP AWAY FROM HEAT AND OPEN FLAME!**

NET CONTENTS 1 GALLON

Manufactured by

**IMPERIAL INC.**

SHELANDOAH, IOWA 51601

## 2 LB. RONNEL CONCENTRATE

### SPRAY DIRECTIONS

### CAUTION! COMBUSTIBLE MIXTURE!

2 Lb. Ronnel Concentrate is an External Livestock remedy. Not for human use. 2 Lb. Ronnel Concentrate mixes readily with water or oil. To prepare a finished spray, see chart.

### Spray Recommendations

Do not use in edible products areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed.

### DILUTE SPRAY USE PRECAUTIONS

Do not treat beef with 1% Ronnel within 7 days of slaughter. Do not treat dairy animals with 1% Ronnel within 7 days of freshening. Do not apply to hogs within 6 weeks of slaughter.

Do not apply to beef cattle, dairy cattle, sheep, goats, lambs and kids more frequently than once every two weeks.

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

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. 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 allow insecticide to come in contact with food, feed or water supplies.

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. Atropine is an antidote.



# RONNEL CONCENTRATE

**S KORLAN®**

A spray concentrate for use on  
livestock and farm buildings.

**BITES, SPIDERS, ANTS AND COCKROACHES**

(Dichlorophenyl) phosphorothioate ..... 24%  
..... 59%  
..... 17%

Trademark of the Dow Chemical Company  
(1 POUND PER GALLON)

## CAUTION

### KEEP OUT OF REACH OF CHILDREN!

Harmful if swallowed. Do not get in the eyes. Avoid contact with skin. Keep out of reach of children. Avoid contamination of food. Wash thoroughly with soap and water after handling.

Atropine is an antidote. Atropine is an antidote. Atropine is an antidote. Atropine is an antidote. Atropine is an antidote.

**KEEP AWAY FROM HEAT AND OPEN FLAME!**

**CONTENTS 1 GALLON**

Manufactured by

**PERIAL INC.**

BOAH, IOWA 51801

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### AMOUNT 2 LB. RONNEL CONCENTRATE TO USE FOR

| PROBLEM  | %<br>RONNEL          | 1<br>GAL.                                    | 3<br>GAL.            | 25<br>GAL.             | REMARKS   |
|--|----------------------|--|----------------------|------------------------|---|
| <b>LIVESTOCK INSECTS:</b>  |                      |  |                      |                        |   |
| <b>Cattle and Calves:</b>  |                      |  |                      |                        | Dip or spray. Thoroughly wet animals. Do not apply more frequently than once every 2 weeks. Do not treat beef with 1% Ronnel within 7 days of slaughter. Do not treat dairy animals with 1% Ronnel within 7 days of freshening. |
| Hornflies, screwworms  | 1/2 %<br>in water    | 2 1/2 oz.                                    | 8 oz.                | 2 qt.                  |   |
| Lice   | 1/4 %<br>in water    | 1 1/4 oz.                                    | 4 oz.                | 1 qt.                  |   |
| Lone Star and Winter Ticks   | 3/4 %<br>in water    | 3 3/4 oz.                                    | 12 oz.               | 3 qt.                  |   |
| <b>Sheep, Goats, Lambs and Kids:</b>   |                      |  |                      |                        | Dip or spray. Thoroughly wet animals. Do not apply more frequently than once every 2 weeks.   |
| Hornflies  | 1/2 %<br>in water    | 2 1/2 oz.                                    | 8 oz.                | 2 qt.                  |   |
| Lice and sheep keds  | 1/4 %<br>in water    | 1 1/4 oz.                                    | 4 oz.                | 1 qt.                  |   |
| <b>Hogs:</b>   |                      |  |                      |                        | Dip or spray. Do not apply more frequently than once every 2 weeks. Do not apply to hogs within 6 weeks of slaughter.   |
| Lice   | 1/2 %<br>in water    | 2 1/2 oz.                                    | 8 oz.                | 2 qt.                  |   |
| <b>RESIDUAL FLY SPRAY:</b>   |                      | A 1% spray will give<br>4 to 6 weeks control |                      |                        | Apply to interior surfaces as a residual spray at the rate of 3 gallons per 1000 sq. ft. Can be used as a bait spray by adding sugar and molasses. Do not contaminate milk or milking equipment.                                |
| Barns, barn yards, dairy barns, hog pens, milk-rooms, poultry houses                   | 1 %<br>in water      | 5 1/2 oz.                                    | 1 pt.                | 1 gal.                 |   |
| <b>AGRICULTURAL PREMISES FLY BAIT:</b>   |                      |  |                      |                        | Add 3 ounces of sugar per gallon of diluted spray. Apply by brushing or spraying on walls, window sills, doorways and other places where flies congregate. Do not contaminate milk or milking equipment.                        |
| Where flies congregate such as floors, doorways, window sills                          | 2 %<br>in water      | 10 1/2 oz.                                   | 1 qt.                | 2 gal.                 |   |
| <b>Caged Layers on Wire</b>  | 2 %<br>in water      | 10 1/2 oz.                                   | 1 qt.                | 2 gal.                 | Spray poultry droppings under cages.  |
| <b>DWELLINGS - Outside areas,</b> including porches, patios, garages, etc.             | 1 1/2 %<br>or<br>1 % | 2 3/4 oz.<br>or<br>5 1/2 oz.                 | 8 oz.<br>or<br>1 pt. | 2 qt.<br>or<br>1 gal.  | Spray to point of runoff.   |
| <b>Use 1% spray for German roaches, 2% for others</b>                                  |                      |  |                      |                        | Apply as a spot spray to all areas frequented by cockroaches.   |
| <b>BUILDINGS - Including dwellings, institutions, and food handling establishments</b> | 1 %<br>or<br>2 %     | 5 1/2 oz.<br>or<br>10 1/2 oz.                | 1 pt.<br>or<br>1 qt. | 1 gal.<br>or<br>2 gal. | Apply as a spot spray to all areas frequented by cockroaches.   |
| <b>Bedbugs in buildings and and sleeping quarters, on beds and bedding</b>             | 1 %                  | 5 1/2 oz.                                    | 1 pt.                | 1 gal.                 | Spray mattress and bedding lightly including seams and folds, cracks and crevices in bed frames, walls, baseboards and floors.  |
| <b>Flies - swarms and kennel flies</b>   | 1 %                  | 5 1/2 oz.                                    | 1 pt.                | 1 gal.                 | Spray infested areas. Keep children off treated area until spray has dried.   |
| <b>Ants - ants, mosquitoes</b>   | 1 %                  | 5 1/2 oz.                                    | 1 pt.                | 1 gal.                 | Apply to door areas, window porches, patios and garages.  |