

DIRECTIONS FOR USE

**IMPORTANT:** Read these entire Directions and Conditions of Sale, including the Warranty and Limitation of Damages provision, before using CO-RAL 1% Bulk Dust.

**CONDITIONS OF SALE:** These Directions for Use reflect the opinion of experts based on tests of effectiveness, of toxicity to laboratory animals and of residues on or in food and feed under normal conditions of use. However, because of the wide range of conditions under which this product may be used, even though label directions are followed, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the seller. Dale-Alley Co. and the Seller offer, and the Buyer uses, this product subject to the understanding that the Buyer assumes all such risks.

CO-RAL 1% Bulk Dust may be used to fill cattle dust bags or it may be applied directly to cattle, swine, or swine bedding by use of a shaker can or a suitable mechanical dust applicator. When used as recommended, CO-RAL 1% Dust controls horn flies and lice on beef and dairy cattle and lice on swine. CO-RAL 1% Dust will also reduce face fly populations on cattle, however, as face flies are able to travel over an area of several miles, best reduction of face fly populations is achieved when CO-RAL 1% Dust is used on an area-wide basis.

RECOMMENDED APPLICATIONS

ANIMAL	PARASITES	REMARKS
Beef and Dairy Cattle	Horn Flies Lice Face Flies	<b>DUST BAG:</b> Place contents of this package in any commercially available dust bag. Suspend bags in areas frequented by cattle or in gateways or lanes through which the animals pass daily for water, feed, or minerals. Bags may also be suspended in loafing sheds or in front of protected mineral feeders. For lactating dairy cows, bags may be suspended in the exit through which cows leave the milking barn. In all cases, the bags should be adjusted so that the bottom of the bag will hang four to six inches below the topline of the cattle. For reduction of face flies, the bags must be located so the animals will be forced to use them daily and hung at a height to insure that the faces of the cattle will be dusted.
	Horn Flies Lice	<b>DIRECT APPLICATION:</b> CO-RAL 1% Dust may be applied by use of a shaker can or by using a suitable mechanical dust applicator. Animals should be thoroughly dusted using not more than 2 oz. *(6 level tablespoonfuls) of dust per animal per treatment. Repeat as necessary.
Swine	Lice	<b>DIRECT APPLICATION:</b> Apply not more than 1 oz. *(3 level tablespoonfuls) per head as a uniform coat to the head, shoulders, and back by use of a shaker can or suitable mechanical dust applicator. Repeat as necessary but not more often than once every ten days.
		<b>BEDDING TREATMENT:</b> Apply 2 oz. *(6 level tablespoonfuls) uniformly over each 30 square feet of fresh, dry bedding by use of a shaker can or a suitable mechanical dust applicator. Repeat as necessary but not more often than once every ten days.



CO-RAL

Brand of coumaphos  
ANIMAL INSECTICIDE  
1% BULK DUST

CONTROL OF HORN FLIES & LICE ON BEEF & DAIRY CATTLE — REDUCTION OF FACE FLIES ON BEEF AND DAIRY CATTLE — CONTROL OF LICE ON SWINE

USE IN DUST BAG, SHAKER CAN, OR MECHANICAL DUST APPLICATOR

NET WEIGHT 5 POUNDS

BATCH NO.



CAUTION  
KEEP OUT OF REACH OF CHILDREN

(See side panel for warning statements)

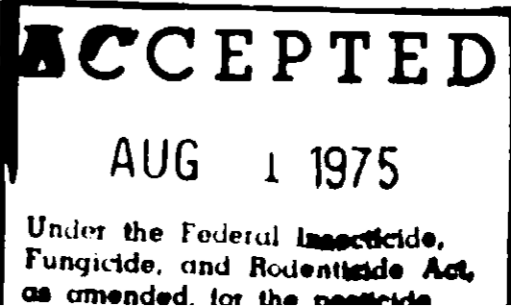


MANUFACTURED BY  
DALE - ALLEY CO.  
Box 444  
St. Joseph, Missouri 64502

GUARANTEE	
ACTIVE INGREDIENTS	
0.1% Diethyl (2,3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl) phosphorothioate	1.0%
INERT INGREDIENTS	99.0%
	100.0%

EPA Reg. No. 32695-2  
EPA Est. No. 10543-MO-01

USE ONLY AS DIRECTED



RECOMMENDED APPLICATIONS (Continued)

ANIMAL	PARASITES	REMARKS
Swine	Lice	<b>DIRECT APPLICATION and BEDDING</b> infestations both individual animals and bedding treated as directed above.

No interval is required between treatment and slaughter or between treatments of milk as food.

\*NOTE 1 oz. of this material equals approximately three level tablespoons.

RESTRICTIONS

For external, insecticidal use on above specified animals only. Avoid contamination of feed, troughs, water and water utensils. Provide thorough ventilation while dusting. Persons treating animals should avoid direct contact with skin or inhalation of dust.

CAUTION

Harmful if inhaled or absorbed through the skin. Do not get in eyes. Wash thoroughly with soap and warm water after handling.

Do not contaminate feed or food. Keep out of reach of children.

If poisoning occurs, obtain prompt medical aid. Prolonged exposure may cause cholinesterase depression.

To Physician — Atropine sulfate is antidotal. 2-PAM is also antidotal and should be administered in conjunction with atropine.

This product is toxic to fish, birds and other wildlife. Keep out of water. Do not apply where runoff is likely to occur. Do not apply when wind 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.

CONTAINER DISPOSAL

Do not reuse empty container. Destroy it by burying with waste or by incineration. Stay away from smoke or fumes.

WARRANTY AND LIMITATION OF DAMAGES

Dale-Alley Co. warrants that this material conforms to the chemical analysis and is reasonably fit for the purposes referred to in the Directions for Use. This warranty is subject to the risks referred to therein. DALE-ALLEY CO. MAKES NO EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, and no agent of Dale-Alley Co. shall be authorized to do so except in writing, with a specific reference to this warranty. The remedy for a breach of this warranty shall be limited to direct damages, and consequential commercial damages such as loss of profits or value of property shall be excluded.

CO-RAL is a Reg. TM of the Parent Company of Farben-Fabriken AG.

including the Warranty  
Dust.

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ldues on or in food and  
ide range of conditions  
ions are followed, it is  
ormal conditions beyond  
Buyer uses, this product

may be applied directly to  
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m flies and lice on beef  
luce face fly populations  
eral miles, best reduction  
n an area-wide basis.

IS

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as frequented by cattle  
n the animals pass daily  
y also be suspended in  
d mineral feeders. For  
suspended in the exit  
g barn. In all cases, the  
bottom of the bag will  
pline of the cattle. For  
e located so the animals  
d hung at a height to  
ll be dusted.

Dust may be applied  
g a suitable mechanical  
thoroughly dusted using  
spoonfuls) of dust per  
iary.

ore than 1 oz. \* (3 level  
coat to the head, should-  
n or suitable mechanical  
ut not more often than

' (6 level tablespoonfuls)  
f fresh, dry bedding by  
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# CO-RAL

## Brand of coumaphos ANIMAL INSECTICIDE 1% BULK DUST

**CONTROL OF HORN FLIES & LICE ON BEEF & DAIRY  
CATTLE — REDUCTION OF FACE FLIES ON BEEF AND  
DAIRY CATTLE — CONTROL OF LICE ON SWINE**

**USE IN DUST BAG, SHAKER CAN, OR MECHANICAL DUST APPLICATOR**

**NET WEIGHT 5 POUNDS**

BATCH NO.



**CAUTION  
KEEP OUT OF REACH OF  
CHILDREN**

(See side panel for warning statements)

**GUARANTEE**

**ACTIVE INGREDIENTS:**  
O,O Diethyl O-(3-chloro-4-methyl-2-  
oxo (2H)-1-benzopyran-7-yl)  
phosphorothioate 1.0%

**INERT INGREDIENTS:** 99.0%  
100.0%

EPA Reg. No. 32695-2  
EPA Est. No. 10543-MO-01

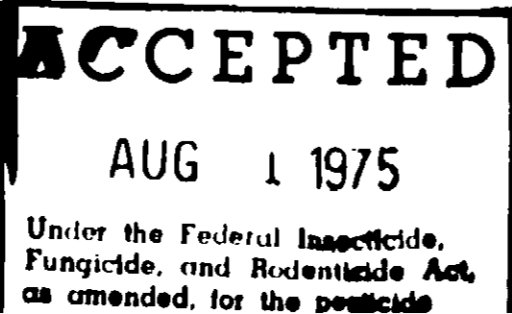
**USE ONLY AS DIRECTED**

MANUFACTURED BY

**DALE - ALLEY CO.**

Box 444

St. Joseph, Missouri 64502



### RECOMMENDED APPLICATIONS (Cont.)

ANIMAL	PARASITES	REMARKS
Swine	Lice	<b>DIRECT APPLICATION and BEDDING TREATMENT:</b> In severe infestations both individual animals and the bedding may be treated as directed above.

No interval is required between treatment and slaughter or between treatment and use of milk as food.

\*NOTE 1 oz. of this material equals approximately three level tablespoonfuls.

### RESTRICTIONS

For external, insecticidal use on above specified animals only.  
Avoid contamination of feed, troughs, water and water utensils.  
Provide thorough ventilation while dusting. Persons treating animals should avoid repeated direct contact with skin or inhalation of dust.

### CAUTION

Harmful if inhaled or absorbed through the skin. Do not get in eyes or on skin. Do not breathe dust. Wash thoroughly with soap and warm water after handling.

Do not contaminate feed or food. Keep out of reach of children.

If poisoning occurs, obtain prompt medical aid. Prolonged exposure will result in cholinesterase depression.

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

This product is toxic to fish, birds and other wildlife. 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.

### CONTAINER DISPOSAL

Do not reuse empty container. Destroy it by burying with waste or burning. Stay away from smoke or fumes.

### WARRANTY AND LIMITATION OF DAMAGES

Dale-Alley Co. warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale, subject to the risks referred to therein. DALE-ALLEY CO. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, and no agent of Dale-Alley Co. is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc.

CO-RAL is a Reg. TM of the Parent Company of Farben-Fabriken Bayer GmbH, Leverkusen.