

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

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

EPA REGISTRATION NO.

11556-115

DATE OF ISSUANCE

JUL 21 1991

TERM OF ISSUANCE

Until Reregistration

NAME OF PESTICIDE PRODUCT

Co-Ral Livestock Insecticide
Spray

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Miles, Inc.
P.O. Box 390
Shawnee Mission, KS 66201-0390

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. This product is conditionally registered in accordance with

FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase, "EPA Registration No. 11556-115".
- b. Under Spray Treatments for screwworms for beef and non-lactating dairy cattle, revise the following statement: "Repeat as necessary but not more often than every 14 days."
- c. Under the Environmental Hazards Statement add the following statement as the second sentence in the paragraph:

Do not apply directly to any body of water.

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

- d. Add "Causes moderate eye irritation." before the statement beginning "Avoid contact with skin..." in the precautionary hazards statement.
- e. Following the IF ON SKIN statement add,, "Get medical attention if irritation appears."

3. Submit five copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

4. The Confidential Statement of Formula dated March 8, 1994 will not meet the label claim for the nominal concentration for the active ingredients. The upper and lower certified limits should be calculated as follows $N \pm 5\%N$ where N is the nominal concentration of the active ingredient. Refer the PR Notice 91-2 and 40 CFR 158.175 for guidance and revised the CSF to reflect the nominal concentration of the pure active ingredient.

5. The acute oral toxicity studies (MRIDs 428498-01 and 431025-01) were acceptable and assigned Toxicity Category II Guideline. A copy of the review is enclosed for your reference.

Please let us know your intentions with respect to Co-Ral ELI product under EPA Reg. No. 11556-23. Will this product replace Co-Ral ELI product?

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (7505C)

cc: Dennis McNeilly, SRRD

(Front Panel)

ACCEPTED
with COMMENTS
in EPA Letter Dated

Co-Ral®

JUL 21 1994

(coumaphos)

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
11532-115

LIVESTOCK INSECTICIDE SPRAY

For Control of Horn Flies, Face Flies, Lice and Ticks

Active Ingredient:

0,0-Diethyl 0-(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl)
phosphorothioate

5.8%

Inert Ingredients*:

94.2%

100.0%

*Contains aromatic petroleum distillates.

This product contains 0.25 lb 0,0-Diethyl 0-(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl) phosphorothioate per half gallon.

EPA Reg No. 11556-XXX

EPA Est. No. 11556-KS-1

KEEP OUT OF REACH OF CHILDREN

WARNING

BEST AVAILABLE COPY

SEE BACK AND SIDE PANELS FOR STATEMENTS OF PRACTICAL
TREATMENT AND OTHER PRECAUTIONARY STATEMENTS

NET CONTENTS ½ GALLON

Miles Inc., Agriculture Division, Animal Health Products
Shawnee Mission, Kansas 66201 U.S.A.

(Side Panel)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING

May be fatal if swallowed or inhaled. Do not breathe vapors or spray mist. Avoid contact with skin, clothing or eyes. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before use.

STATEMENTS OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention if victim displays signs of poisoning.

If on skin: Remove contaminated clothing and wash affected areas with soap and water.

If in eyes: Flush eyes with plenty of water. Call a physician immediately.

To Physician: Atropine sulfate by injection is antidotal. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine.

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ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish and aquatic invertebrates. Do not contaminate water when disposing of equipment washwater or rinsate.

(Side Panel Continued)

**LIMITED WARRANTY AND
LIMITATION OF DAMAGES**

Miles Inc., Agriculture Division, warrants that this material conforms to the chemical description on the label. MILES INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY, and no agent of Miles Inc. 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 Miles Inc.

(Side Panel)

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Co-Ral Livestock Insecticide Spray mixes easily with water to form an emulsion which is easily applied with ordinary spray equipment. One spray treatment is highly effective for control of flies, lice and ticks and provides residual control.

Spray Treatment for Specified Ectoparasites: Operate spray equipment so as to thoroughly penetrate the hair coat. Re-treatment will be necessary only when insects reappear and constitute a problem.

Backrubber Application for Horn Flies and Face Flies: Co-Ral Livestock Insecticide Spray is ideal for backrubber application. When properly mixed and applied, effective control of horn flies and face flies will be achieved. Best control is obtained when backrubbers are strategically located and properly treated. No. 2 furnace oil (fuel oil) or No. 2 diesel fuel oil is recommended for mixing with Co-Ral Livestock Insecticide Spray for use in backrubbers. Use of other oils may result in sludge formation that will prevent proper distribution in the reservoir-type backrubber.

PROTECTIVE CLOTHING STATEMENT

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR AND CLEANING OF MIXING, LOADING AND APPLICATION EQUIPMENT, DISPOSAL OF THE PESTICIDE; long-sleeved shirt and long-legged pants; chemical resistant gloves; chemical resistant shoes (or chemical resistant shoe covers or chemical resistant boots). In addition, mixers/loaders must wear a chemical resistant apron and face shield or goggles and a NIOSH/MSHA approved respiratory protection device.

NOTICE TO VETERINARIANS: If the proper dosage of Co-Ral Livestock Insecticide Spray has been applied and adverse reactions, such as bloat, excessive salivation and posterior paralysis occur, it is highly probable that a host parasite reaction exists. Administer symptomatic treatment. Anti-inflammatory agents may be helpful. If necessary, relieve bloat by trocarization, as a stomach tube may traumatize a severely swollen esophagus. Do not administer atropine, as it is contraindicated in host parasite reactions. If toxicity should occur as a result of gross overdosage, atropine by injection is antidotal.

(Side Panel Continued)

USE RESTRICTIONS

For external insecticidal use only on specified animals.

Do not apply as a spray at rates above 1 quart of Co-Ral Livestock Insecticide Spray per 50 gallons of water to lactating dairy cattle or non-lactating dairy cattle within 14 days of freshening. If freshening should occur within the interval after spraying, do not use milk for human food for balance of 14 day interval.

Do not apply to sick, convalescent or stressed livestock or to animals less than 3 months old.

Do not spray animals for 10 days before or after shipping or weaning or after exposure to contagious and infecting diseases.

Do not spray in a confined, non-ventilated area.

Co-Ral is a cholinesterase inhibitor. Do not use this product on animals simultaneously or within a few days before or after treatment or exposure to cholinesterase-inhibiting drugs or pesticides. Atropine by injection is antidotal. Consult veterinarian at the first sign of adverse reaction.

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RECOMMENDED APPLICATIONS

DO NOT APPLY MORE THAN 8 QUARTS OF CO-RAL LIVESTOCK
INSECTICIDE SPRAY PER 50 GALLONS OF WATER. FOR LACTATING DAIRY
CATTLE DO NOT APPLY MORE THAN 1 QUART OF CO-RAL LIVESTOCK
INSECTICIDE SPRAY PER 50 GALLONS OF WATER.

ANIMAL	PARASITE	QUARTS PER 50 GALLONS OF WATER	OUNCES PER 4 GALLONS OF WATER	REMARKS
Beef and Non- Lactating Dairy Cattle	Horn Flies Lice	2	5	SPRAY TREATMENTS: Apply specified dosage for a complete wetting to run-off. Repeat as necessary.
	Ticks	4	10	
	Screwworms	8	20	SPRAY TREATMENT(S): Apply specified dosage as high pressure spray so as to wet the skin, not just the hair, of the animal. Repeat as necessary.
Lactating Dairy Cattle	Lice	1	2½	SPRAY TREATMENT(S): Apply specified dosage for a complete wetting to run-off. Repeat as necessary. No interval is required between treatment and slaughter or use of milk.

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ANIMAL	PARASITE	REMARKS
Backrubber for Beef and Lactating Dairy Cattle	Horn Flies Face Flies	Mix 4 quarts Co-Ral in 13 gallons of No. 2 fuel oil or No. 2 diesel fuel (or 9 ¾ oz Co-Ral per gallon) . Saturate the fiber portion of the backrubber with this mixture. Place the backrubber where animals congregate or travel regularly. For dairy cattle suspend at a height that will prevent straddling. Resaturate backrubber as needed. NOTE: For most effective face fly control the rubber should be constructed so as to permit the animal to rub its face. No interval is required between treatment and slaughter or use of milk.

ANIMAL	PARASITE	QUARTS PER 50 GALLONS OF WATER	OUNCES PER 4 GALLONS OF WATER	REMARKS
Horses	Horn Flies Lice	2	5	SPRAY TREATMENT(S): Apply specified dosage for complete wetting.
(Not intended for slaughter)	Ticks	4	10	Treat thoroughly all wounds and injuries. Repeat as necessary.
	Screwworms	8	20	

(Continued)

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ANIMAL	PARASITE	QUARTS PER 50 GALLONS OF WATER	OUNCES PER 4 GALLONS OF WATER	REMARKS
Swine	Lice	2	5	SPRAY TREATMENT(S): Apply specified dosage for a complete wetting to run- off. Repeat as necessary.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Do not allow to freeze. Keep from extreme heat.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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