

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 23 1991

Dr. T. Bill Waggoner, PhD.  
Mobay Corporation  
Animal Health Division  
Box 390  
Shawnee Mission, KS 66201

Dear Dr. Waggoner:

Subject: Coumaphos Reregistration Standard - 2<sup>nd</sup> Round Review  
Revised Labeling and Confidential Statement of Formulas  
Co-Ral<sup>®</sup> Emulsifiable Livestock Insecticide  
EPA Registration No. 11556-23  
Co-Ral<sup>®</sup> Cattle Insecticide Pour On  
EPA Registration No. 11556-25  
Co-Ral<sup>®</sup> K·R·S· with Co-Ral<sup>®</sup> Spray Foam Insecticide  
EPA Registration No. 11556-40✓  
Your Letter Dated September 10, 1990 and  
Your Revised Labels Received April 4, 1991

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable 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. For all above listed products make the following label revisions:

a. Under the "To Physician", revise the statement to read: "Atropine sulfate by injection is antidotal."

3. For EPA Reg. No 11556-23, make the following changes:

a. Add a footnote in the ingredient statement indicating: \*Contains aromatic petroleum distillates."

b. The complete Statement of Practical Treatment must appear on the front panel of the label for all pesticides that fall into Toxicity Category I on the basis of oral, <sup>CONCURRENCES</sup> inhalation and dermal toxicity.

SYMBOL							
SURNAME	WAG						
DATE							

c. Add the following sentence under Use Restrictions:  
 For external insecticidal use only on above-specified animals.

4. For EPA Reg. No. 11556-25, make the following changes:

a. Under the Statement of Practical Treatment, add the sentence, "If possible, vomiting should be induced under medical supervision.", before the "Drink one or two glasses of water...".

b. Add the following sentence under Use Restrictions:  
 For external insecticidal use only on above-specified animals.

5. For EPA Reg. No. 11556-40, make the following changes:

a. Delete the statement, "This product contains the toxic inert ingredient, methylene chloride.", from the ingredient statement since this inert is no longer a part of the formulation.

b. Change 130°C to 130°F under the Storage and Disposal Statement.

c. Also under Storage and Disposal, add the statement, "Do not contaminate water, food or feed by storage and disposal."

d. Add the following statement under Use Restrictions:  
 Do not apply to sick, stress or convalescent livestock or to animals less than 3 months of age.

6. 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.

7. The revised Confidential Statement of Formulas (CSFs) referred to above, submitted in connection with registration under Federal Insecticide, Fungicide, and Rodenticide Act, as amended, are acceptable. A copy of each have been inserted in your file for the subject products.

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 (H7505C)

Enclosure

4 9 6

Reason to Issue: 2nd Revision for Second Round Review/Rereg. Std.

Date: 1/17/91  
Page 1 of 3

(Front Panel)

( Black on white background )

K • R • S  
With Co-Rale

(coumaphos)

SPRAY FOAM INSECTICIDE - 12

For Treatment and Prevention of Screw Worms  
and Fly Maggots on Livestock.  
For Control of Ear Ticks on Beef and Dairy Cattle - 10

Active Ingredients:

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

3.0%

Inert Ingredients:

97.0%  
100.0%

This product contains the toxic inert ingredient, methylene chloride.

*Handwritten:* -6

EPA Est. No. 11715-TN-1

EPA Reg. No. 11556-40

( White on blue background )

KEEP OUT OF REACH OF CHILDREN - 12

DANGER - 14

EYE IRRITANT - 10

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS/PRACTICAL TREATMENTS - 6

NET CONTENTS 1 POUND

Manufactured for  
Cutter Animal Health  
Mobay Corporation, Animal Health Division  
Shawnee, Kansas 66201

23 1991

11556-40

(Blue on white background throughout)

(Side Panel)

PRECAUTIONARY STATEMENTS/PRACTICAL TREATMENT HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Can cause irreversible eye damage. Do not get in eyes. Wear safety glasses or goggles.

Harmful if swallowed, inhaled or absorbed through skin.

Avoid breathing spray mist. Avoid contact with skin and clothing.

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: Prolonged exposure will result in cholinesterase depression. Atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

ENVIRONMENTAL HAZARDS

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

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°C may cause bursting.

STORAGE AND DISPOSAL

STORAGE: Store in a cool place. Do not expose to freezing or heat above 130°F.

Container Disposal: Replace cap and discard containers in trash. Do not incinerate or puncture.

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Date: 1/17/91 Page 3 of 3

(Side Panel)

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USING

SCREWWORMS AND FLY MAGGOTS ON BEEF AND DAIRY CATTLE, SHEEP, GOATS, SWINE AND HORSES: Hold spray nozzle 3 to 10 inches from the wound area to be treated and apply a protective coating on and around the wound.

For the treatment of wounds infested with fly maggots and screw worms on beef and dairy cattle, sheep, goats, swine and horses, spray wounds until complete coverage is obtained. Repeat as necessary.

For prevention, spray a protective coating on new wounds from dehorning, castration, docking, injury, etc. as soon as possible to avoid infestation. Repeat as necessary.

EAR TICKS ON BEEF AND DAIRY CATTLE: For control, spray directly into each ear canal until complete coverage is obtained (approximately 5 seconds). Repeat as necessary.

No interval is required between treatment of beef and dairy cattle and swine and use of meat or milk as food.

Do not treat sheep and goats within 3 days of treatment and slaughtering.

USE RESTRICTIONS

For external insecticidal use only on above-specified animals. Do not contaminate feed, troughs, water or water utensils. Provide thorough ventilation while spraying. Use caution when spraying in area of face to avoid exposure to eyes. *Do not apply to skin, eyes, or mucous membranes. Wash hands after use.*

LIMITED WARRANTY AND LIMITATION OF DAMAGES

Mobay Corporation, Animal Health Division, warrants that this material conforms to the chemical description on the label. MOBAY CORPORATION, ANIMAL HEALTH DIVISION, MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, and no agent of Mobay Corporation, Animal Health Division, 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 Farbenfabriken Bayer GmbH.