

MAR 10 1983

Mr. J. T. Gregory
Rigo Company
P.O. Box 89
Buckner, KY 40010

Dear Mr. Gregory:

Subject: Response to Notice of Intent
to Cancel Toxaphene Registrations
Rigo Toxaphene 6 Emulsifiable Insecticide
EPA Registration No. 70-246
Application Dated February 14, 1983

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

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

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

a. Revise your Restricted Use Pesticide statement to read as follows:

For retail sale to and application only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

b. Revise your "Environmental Hazards" paragraph to read as follows:

This product is toxic to fish, birds and other wildlife. Use of this product may be fatal to birds and other wildlife in treated areas. Do not spray over lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas

CONCURRENCES

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treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Overspray of this product into water may be fatal to shrimp and crab; do not apply where these are important resources. Apply this product only as specified on this label.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

RD:ELLENBERGER:DCR-28886:WANG-2950C:pjb:Raven:479-2013:3/9/83

RESTRICTED USE PESTICIDE (18 pt.)

For retail sale to and application only by Certified Applicators or persons under their direct supervision.

R I G O

TOXAPHENE 6

for Scabies Control

ACTIVE INGREDIENTS:

Toxaphene*..... 58.61%
Xylene Range Aromatic Solvent..... 38.39%

INERT INGREDIENTS:..... 3.00%
TOTAL 100.00%

*Technical Chlorinated Camphene containing 67% to 69% Chlorine
Contains 6 lbs. Toxaphene per gallon

KEEP OUT OF REACH OF CHILDREN (12 pt.)

WARNING (18 pt.)

See Side Panel for Additional Precautionary Statements

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Do not induce vomiting. See "Physician's Note". Never give anything by mouth to an unconscious person.

IF IN EYES: Wash eyes with plenty of water while holding eyelids open. Call a physician.

IF ON SKIN: Remove contaminated clothing and immediately wash the skin with soap and water. CALL A PHYSICIAN OR POISON CONTROL CENTER.

PHYSICIAN'S NOTE: If swallowed, use gastric lavage. Avoid aspiration. Toxaphene produces central nervous system excitation that responds to barbituric acid derivatives. Prevent or control convulsions with barbiturates, preferably administered intravenously.

If the barbiturate can be given before convulsions start, sodium pentobarbital is the drug of choice. Since toxaphene has a fairly long duration of action, a long-acting barbiturate such as phenobarbital may be used after initial control of convulsions. Refer to "Clinical Handbook of Economic Poisons", which was prepared by the U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, PUBLIC HEALTH SERVICE COMMUNICABLE DISEASE CENTER, Atlanta, Georgia.

EPA Reg. No. 70-246
EPA Est. No. 70-KY-1

NET CONTENTS
ONE GALLON

Manufactured by

RIGO COMPANY
BUCKNER, KENTUCKY 40010

ACCEPTED
with COMMENTS
in EPA Letter # 10-10-68

MAR 10 1969

Under the Pesticide Control Act of 1948
EPA REGISTRATION NO. 70-246
AN AGRICULTURAL
INSECTICIDE
NOT FOR STORAGE
IN OR AROUND
THE HOME

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70-246

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed! Poisonous by skin contact and inhalation. Do not get on skin, in eyes, or on clothing. Do not breathe spray mist. Wash thoroughly after using. Wash all contaminated clothing with soap and hot water before reuse. During application, keep unprotected persons away from areas being treated or where there may be drift. Do not contaminate feed or foodstuffs. Applicators must wear boots, extended impermeable gloves, head covering, aprons, long pants, long-sleeved shirts, and respirators.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds and other wildlife. Do not apply directly to lakes, streams and ponds. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. 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.

This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARDS

Do Not Use, Pour, or Store Near Heat or Open Flame.

In case of spillage, use absorbent clay, hydrated lime, or other solids to soak up any liquid. Wash area with strong detergent and hot water.

DIRECTIONS FOR USE

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

This product may be used only to treat scabies on beef cattle or sheep. Application may be made only by dipping exposed or infected beef cattle or sheep in vat solutions or by using a spray-dip machine.

MIXING INSTRUCTIONS: Add Rigo Toxaphene 6 to required amount of water in accordance with the following dilutions:

- 3 1/3 quart in 100 gallons of water
- 1 quarts in 33 gallons of water

To replenish dipping vats, add Rigo Toxaphene 6 , according to above dilution, for all fresh water added to vat.

Agitate or stir mixture thoroughly before each use.

See Precautionary Statements above for applicators' required protective clothing.

Dip or Spray: When dipping make sure the animal is held in vat at least two minutes and submerge each animal twice during dipping. When spraying use about 3 quarts solution for each beef animal and proportionately less for smaller animals, including sheep. If reinfestations occur repeat application in 3 weeks for control.

NOTE: Do not apply to dairy animals or small animals under 6 months of age. Do not treat meat animals within 28 days of slaughter.

STORAGE AND DISPOSAL (12 pt.)

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

Insecticide Disposal: Used cattle and sheep dip solutions that are intended for disposal must be treated in the manner described below. Treatment in any other manner may result in a violation of Federal and/or State Law.

NOTE:

Spent cattle dips may NOT be:

- Applied to range land or any other area where cattle may graze within one (1) year of application unless the dip is plowed or disked into the soil.
- Added to other chemical wastes and disposed of according to the following provisions.
- Applied to any given area at a rate that exceeds 3 pounds actual toxaphene per acre every six (6) months. This quantity is equivalent to 60 gallons of a 0.6% solution.

The spent cattle dip solution must be applied only to land areas set aside and dedicated to disposal of cattle dip solutions, or to crop lands where corn, small grains, cotton, sorghum, and/or soybeans are grown. If these crop areas are not available, the dips may be disposed of on rangeland provided livestock do not graze the area at any time during the period of time the material is being applied and for a period of one (1) year following the last application unless the dip is plowed or disked into the soil immediately after application. The dip solutions may be applied directly or mixed with manure and then applied at a consistent rate so that the material is spread evenly over the designated disposal area. In either case, the 3 pounds of active ingredient toxaphene per acre rate over a 6 month period must not be exceeded.

70-246

MIXING RATES OF TOXAPHENE AND MANURE TO
CONFORM TO NORMAL MANURE APPLICATION RATES

Toxaphene Application Rate	Manure Application Rate	Toxaphene/Manure Ratio
Lbs/acre	tons/acre	Gallons/Acre
3	2.5	24
3	5	12
3	10	6
3	20	3
3	30	2

Plowing or disking the material into the ground is desirable. Plowing would minimize the possibility of run-off water or wind carrying soil particles that may contain toxaphene into creeks or ponds.

Since toxaphene is extremely toxic to fish, a major danger in land-spreading the spent toxaphene dips is surface run-off water carrying toxaphene bearing particulate matter into surface water. Therefore, it is necessary that the following criteria for selection of the disposal site be observed.

1. Flow of water onto the site should be controlled. If this is a potential problem, a system should be designed, constructed and operated that is capable of preventing flow onto the disposal area during peak discharge from at least a 25 year storm.
2. The site should be selected so that surface run-off will be held to a minimum. Soil loss to surface erosion should not exceed 5 tons per year estimated by using the "Universal Soil Loss Equation" (USLE) or should not exceed the soil loss tolerance factor ("T" factor) which ever is less. Technical assistance in making this determination may be obtained from the USDA/SCS. In addition, the soil textures above the water table should be finer than loamy sand.
3. The owner or operator should design, construct, operate, and maintain a containment system that will prevent or minimize loss of surface materials from the site. (Unless the site is selected to meet criteria for minimum run-off or soil erosion.) The system should be maintained during the period that the site is used for disposal of toxaphene dips and for a period of at least 1 year following the last application.

4. If the disposal area is subject to wind dispersal of particulate matter, sound land management procedures should be instituted to control such erosion.
5. During the first year of use, each disposal site must be inspected monthly and after storms to be sure that surface erosion is not taking place.
6. The entire disposal area, except for plowed or disked rangeland, must be fenced or otherwise secured to prevent entry and grazing by cattle during the time the area is being used as a disposal site for spent cattle dips and for a period of one (1) year after the last application of spent dip.
7. Food crops, other than corn, small grains, cotton, sorghum, and soybeans may not be grown on the disposal area. Cattle may not feed on or be fed corn ensilage or stover, forage or vines from these crops.
8. Should a disposal site be sold, or otherwise undergo a transfer of ownership during disposal operations, or within one (1) year of the last application of spent cattle dip, the new owner must be notified of the potential presence of toxaphene and the responsibilities attached.

Container Disposal: Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved State or local procedures.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on this label. Buyer assumes all risk of use and/or handling when such use and/or handling is contrary to label instructions.

ACTIVE INGREDIENTS:	
• Toxaphene*.....	58.61%
Xylene Range Aromatic Solvent.....	38.39%
INERT INGREDIENTS:.....	<u>3.00%</u>
TOTAL	100.00%

AN AGRICULTURAL
INSECTICIDE
NOT FOR STORAGE
IN OR AROUND
THE HOME

*Technical Chlorinated Camphene containing 67% to 69% Chlorine
Contains 6 lbs. Toxaphene per gallon

KEEP OUT OF REACH OF CHILDREN (12 pt.)

WARNING (18 pt.)

FOR USE ONLY ON SCABIES CONTROL

TRADE MARK OF MANUFACTURER

IF IN EYES: Flush eyes with water for 15 minutes. Seek medical attention from a physician.

IF ON SKIN: Wash exposed areas with soap and water immediately. Wash the skin and water. Do not use on children.

PHYSICIAN'S NOTE: If swallowed, do not induce vomiting. Avoid aspiration. It produces central nervous system excitation that is similar to barbituric acid derivatives. Avoid use in patients with convulsions, preferably administered with caution.

Prepared by the U.S. Department of Health, Education and Welfare, Public Health Service, Center for Disease Control, Atlanta, Georgia.

U.S. GOVERNMENT PRINTING OFFICE

1967 O-350-001

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed! Poisonous by skin contact and inhalation. Do not get on skin, in eyes, or on clothing. Do not breathe spray mist. Wash thoroughly after using. Wash all contaminated clothing with soap and hot water before reuse. During application, keep unprotected persons away from areas being treated or where there may be drift. Do not contaminate feed or foodstuffs. Applicators must wear boots, extended impermeable gloves, head covering, aprons, long pants, long-sleeved shirts, and respirators.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds and other wildlife. Do not apply directly to lakes, streams and ponds. Snipe and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. 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

... on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARDS

Do Not Use, Store, or Store Near Heat or Open Flame.

In case of spillage, use appropriate dry, hydrated lime, or other solids to absorb the liquid. Do not use water to clean up.

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

This product may be used only to treat scabies on beef cattle or sheep. Application may be made only by dipping exposed or infected beef cattle or sheep in vat solutions or by using a spray dip machine.

... of ...

... 1.0 gallon of water

... 1.0 gallons of water

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To replenish dipping vats, add Rigo Toxaphene 6 according to above dilution, for all fresh water added to vat.

Agitate or stir mixture thoroughly before each use.

See Precautionary Statements above for applicators' required protective clothing.

Dip or Spray: When dipping make sure the animal is held in vat at least two minutes and submerge each animal twice during dipping. When spraying use about 3 quarts solution for each beef animal and proportionately less for smaller animals, including sheep. If reinfestations occur repeat application in 3 weeks for control.

NOTE: Do not apply to dairy animals or small animals under 6 months of age. Do not treat meat animals within 28 days of slaughter!

STORAGE AND DISPOSAL (12 pt.)

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

Insecticide Disposal: Used cattle and sheep dip solutions that are intended for disposal must be treated in the manner described below. Treatment in any other manner may result in a violation of Federal and/or State Law.

NOTE:

- Applied to any land or any other area where cattle may graze within one (1) year of application unless the dip is plowed or disked into the soil.
- Added to other chemical wastes and disposed of according to the following provisions.
- Applied to any given area at a rate that exceeds 3 pounds actual toxaphene per acre every six (6) months. This quantity is equivalent to 60 gallons of a 0.5% solution.

... and ...
... or to crop lands where corn, alfalfa, clover, sorghum, and/or soybeans are grown. If these crop areas are not available, the dip may be disposed of on rangeland provided livestock do not graze the area at any time during the period of time the material is applied and for a period of one (1) year following the last application unless the dip is plowed or disked into the soil immediately after application. The dip solutions may be applied directly or mixed with manure and then applied at a rate that is so that the material is spread evenly over the area. In either case, the 3 pound per acre limit shall not be exceeded at any time over a 6 month period.

4. If the disposal area is subject to wind dispersal of particulate matter, sound land management procedures should be instituted to control such erosion.
5. During the first year of use, each disposal site must be inspected monthly and after storms to be sure that surface erosion is not taking place.
6. The entire disposal area, except for plowed or disked rangeland, must be fenced or otherwise secured to prevent entry and grazing by cattle during the time the area is being used as a disposal site for spent cattle dips and for a period of one (1) year after the last application of spent dip.
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8. Should a disposal site be sold, or otherwise undergo a transfer of ownership during disposal operations, or within one (1) year of the last application of spent cattle dip, the new owner must be notified of the potential presence of toxaphene and the responsibilities attached.

State and local ordinances.

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MAR 10 1983

Mr. J. T. Gregory
Rigo Company
P.O. Box 89
Buckner, KY 40010

Dear Mr. Gregory:

Subject: Response to Notice of Intent
to Cancel Toxaphene Registrations
Rigo Toxaphene 6 Emulsifiable Insecticide
EPA Registration No. 70-246
Application Dated February 14, 1983

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

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Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

RD:ELLENBERGER:DCR-28886;WANG-2950C:pjb:Paven:479-2013:3/9/83

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