

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

28 JUL 1989

3/16/89
236 P7

Gowan Company
P.O. Box 5696
Yuma, AZ 85364

Gentlemen:

Subject: Dibrom 3 Emulsive
EPA Registration No. 10163-46
Your Application Dated August 16, 1988

Your revised Confidential Statement of Formula is acceptable.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable subject to the comments listed below.

1. Revise the declaration of the active ingredient in the ingredient statement as follows:

Naled (1,2-Dibromo-2,2-dichloroethyl dimethylphosphate)

2. Revise the "Statement of Practical Treatment" as follows:

STATEMENT OF PRACTICAL TREATMENT

If In Eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention immediately.

If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration and get medical attention immediately.

If Swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. If possible contact a physician, Poison Control

57550:T:Peacock:LPC:CBI-11:KENC0:7/19/89:8/30/89:ct:gj:vo:de:dg

CONCURRENCES

BEST AVAILABLE COPY

SYMBOL							
SURNAME							
DATE							

Center or emergency center before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to the nearest medical emergency treatment center.

If On Skin: Wash with plenty of soap and water. Get medical attention immediately.

Note To Physician: Haled is a cholinesterase inhibitor. Measurement of blood cholinesterase activity may be useful in monitoring exposure. If signs of cholinesterase inhibition appear, atropine sulfate is antidotal. 2-PAM (Protopam) is also antidotal and may be used in conjunction with atropine, but should not be used alone.

- 3. Revise the "DANGER" statement as follows:

CORROSIVE. Causes irreversible eye and skin damage. May be fatal if swallowed, inhaled or absorbed through the skin. May cause allergic skin reaction. Do not get in eyes, on skin, or on clothing. When handling this material wear impervious protective clothing including gloves, apron, overshoes, chemical goggles and face shield. Do not breathe vapor or spray mist. Wear a MSHA/NIOSH approved pesticide respirator. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

- 4. Replace the first sentence of your bee caution with:

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

- 5. Add the following drift statement at the beginning of your application directions:

Note: Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use, or consumption.

6. Modify the first sentence of the "Reentry" statement to read:

Do not enter treated areas prior to 24 hours after application without protective clothing.

7. Submit five (5) copies of your printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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

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

Sincerely yours,

William H. Miller
Product Manager (16)
Insecticide-Rodenticide Branch
Registration Division (475050)

Enclosures

ACCEPTED
with COMMENTS
in EPA Letter D-108-84

JUL 28 1989

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

10163-46

PROKIL NALED INSECTICIDE

Active Ingredients	By Wt
1,2-dibromo-2,2-dichloroethyl dimethyl phosphate	58%
Xylene	30%
Inert Ingredients	12%
TOTAL	100%

Contains 8 pounds technical naled per gallon equivalent to 72 pounds naled
Contains petroleum distillates.
KEEP OUT OF REACH OF CHILDREN

DANGER — PELIGRO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately remove contaminated clothing and flush skin or eyes with plenty of water, for eyes, see medical attention.

NOTE TO PHYSICIAN: ATROPINE IS ANTIDOTAL. 2-PAM IS ALSO ANTIDOTAL AND MAY BE ADMINISTERED IN CONJUNCTION WITH ATROPINE.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Concentrate causes skin and eye damage. Do not get on skin, eyes or clothing. Use waterproof gloves and face shield or goggles when handling concentrate. May be fatal if swallowed or absorbed through the skin. Do not breathe spray mist. Avoid contamination of feed, foodstuffs and drinking water.

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

Net Contents 1 Gal.

Gowan Company

AGRICULTURAL CHEMICALS

EPA Reg. No. 10163-46 AA
EPA Est. No. 10163-AZ-1

P.O. Box 5696
Yuma, AZ 85364

Chemigation statement: Do not apply this product through any type of irrigation system

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of 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 treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply this product only as specified on this label.

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

PHYSICAL OR CHEMICAL HAZARDS

DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENTS

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written and oral warnings must include the following information:

DANGER—Area treated with Naled on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, follow instructions under Statement of Practical Treatment section.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE water, food or feed by storage or disposal.

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 instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative in the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL—Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.

RECOMMENDATIONS

Read entire label. Use strictly in accordance with cautions, warnings and directions and with applicable state and federal regulations. Timing may vary as a consequence of local weather or conditions; we recommend reference to Agricultural Experiment Stations on specific timing.

Do not use on Nectarines, ornamental Cherries, Liquidambar or Chionanthemums as injury may occur.

PROKIL NALED is a liquid insecticide for the control of both sucking and chewing insects. It may be applied as a conventional diluted spray or as a concentrate spray according to directions. The normal requirements for the following application methods are as follows: Vegetable and Field Crops: Air 5-15 gals. per acre. Ground 20-200 gals. per acre. Small Fruits: Air 7-15 gals. per acre. Ground 20-200 gals. per acre. Tree Crops (mature): Air 10-20 gals. per acre. Ground 40-200 gals. per acre. Citrus (mature): Air 10-20 gals. per acre. Ground 100-1500 gals. per acre.

May be applied up to 4 days before harvest, grazing or other use of insects. Repeat as necessary. Do not use.

MIXING DIRECTIONS—Add to spray tank when 1/2 of spraying is completed.

USE DESIGNATED RATE BY GROUND EQUIPMENT
Lycias, Mite Suppression (1 application) - 1 gal. per acre
Mites, Lycias, Leaf Miner, GREEN BEANS: Aphids, Spider Mites, Leafhoppers - 1/2 pt. per acre. Combine with recommended water to cover 100 gals. per acre is preferable.

BEANS (Dry or Field), SOYBEANS, LIMA BEANS AND MINTS, Lycias, Leaf Miner, GREEN BEANS: Aphids, Spider Mites, Leafhoppers - 1/2 pt. per acre plus residual.

BROCCOLI, CABBAGE, CAULIFLOWER, BRUSSELS SPOURHEAD, Diamond Back Caterpillars, Aphids - 1 gal. per acre in water to cover 100 gals. per acre is preferable.

COTTON Lycias, Leaf Miner, Fleahoppers, Armyworms - 1 pt. per acre. Apply at 7 to 10 day intervals.

GGPLANT, PEPPERS Aphids, Spider Mites, Blister Beetles - 1/2 pt. per acre plus residual.

WALNUTS Aphids - 1/2 to 1 pt. to 100 gals. water. Do not use within 10 days of harvest.

CELERY Aphids, Spider Mites, Fleahoppers - 1/2 to 1 pt. per acre. Use ground application only with fine mist of water to spray. On large plants use 1/2 gal. in 100 gals. water. Spray Celery and Pump Greens.

ORANGES, LEMONS, GRAPEFRUIT, TANGERINES Leaf Roller (Tangerine) - 1 pt. to 100 gals. water. Thrips - 1/2 pt. per acre. May be applied up to 1 day of harvest.

PEACHES (Western States Only) Lycias, Suppression of Mites - 1/2 to 100 gals. water per acre. Do not use within 30 days of harvest. Do not apply where temperature is below 50 degrees F.

RICE Grasshoppers - 1/2 to 1 pt. per acre. Apply at 7 to 10 day intervals.

POSES (Field Green) Aphids, Mites, Tort Caterpillars
STRAWBERRIES Leaf Miner, Spider Mites, Aphids, Oenothera - May be applied up to 1 day of harvest.
SUGAR BEETS Spider Mites, Leafhoppers - 1 pt. per acre.
TOBACCO Mites - 1 pt. to 100 gals. water, spray per acre in water to cover. Apply at first sign of infestation. Do not use within 10 days of harvest. Do not use within 10 days of harvest.

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