

JUN 20 1988

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Chevron Chemical Company  
15049 San Pablo Avenue  
P.O. Box 4010  
Richmond, CA 94804-0010

Gentlemen:

Subject: Dibrom 14 Concentrate  
EPA Registration No. 239-1721  
Your Amended Applications Dated October 2 and November 6, 1987,  
and May 13, 1988

We acknowledge receipt of your Certification for Child-Resistant Packaging.

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. Include the text entitled Copy A, B, C, and D in your label.
2. Delete "Do not spray . . . or spices."

Submit five (5) 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.

54419:I:Peacock:LPC:CBI-01:KENCQ:6/9/88:7/20/88:Am:vo:ek:de:VO:CB

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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 constitutes acceptance of these conditions.

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

Sincerely yours,

John T. Tice  
Acting Product Manager (16)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosures

DIBROM 14 Concentrate  
EPA Reg. No. 239-1721  
Submitted: Nov. 6, 1987

COPY A

**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.

COPY B

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 (or milk) and induce vomiting by touching the back of the throat with finger. If possible contact a physician, Poison Control 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 Physicians:** Emergency Information - call (415) 233-3737. Naled 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.

COPY C

This pesticide is toxic to fish, aquatic invertebrates, and wildlife. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.  
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.

COPY D

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.

STAMPED LABEL  
FOR JACKET

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DIBROM 14 Concentrate  
Reg. No. 239-1721  
Submitted : May 13, 1988



**ORTHO**

**DIBROM<sup>®</sup>**  
**14 Concentrate**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 20 1988

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

239-1721

**(INSECTICIDE)**

Active Ingredient	85%
Inert Ingredients	15%
*1,1-dibromo-2,2-bis(chloroethyl) methyl phosphate	
Contains 14 pounds technical material per gallon equivalent to 12.6 pounds a.i.	

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**  
DO NOT TAKE INTERNALLY. DO NOT GET IN EYES. DO NOT GET ON SKIN.  
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

**NET CONTENTS 1 GALLON (3.785 LITRES)**

lication of DIBROM 14 Concentrate, is available for

s. Tidal Marshes, Swamps, Woodlands, Livestock  
cessary to avoid farm buildings, dairy barns, feed  
tables, Fruiting Vegetables, Cucurbit Vegetables,  
bbery and vegetation where mosquitoes may rest.  
swamps, residential areas, municipalities, wood-

s. of undiluted product per acre. Use the 1 oz. rate  
be equipped with a corrosion resistant spray sys-  
fan nozzles should be positioned 45° forward and  
eeds should be equipped with atomizing nozzles.  
Spray during periods when wind is 10 mph or less

14 Concentrate in 100 gals. No. 2 Fuel Oil or diesel  
valent to 0.05 to .1 lb. actual DIBROM per acre or  
Naphthal to make 16 fl. oz. Apply at the rate of  
al DIBROM per acre.

No. 2 Fuel Oil or diesel oil or 10 oz. per 10 gals. oil,  
10 gals./hour (10 mph), or 120 gals./hour (15 mph),

te 2 qts. (64 fl. oz.) of DIBROM 14 Concentrate in  
ate of 3 to 6 fl. oz. per minute at a vehicle speed  
oz. per minute and at 15 mph deliver 3 to 16 fl. oz.  
acre. Use the high rate and slower speed to pen-  
1-20 microns in size. Mass median diameter of  
should be larger than 50 microns. Excessive pres-  
sure droplet size, treat glass microscope slides  
product). This is accomplished by waving slides  
es in a spray deposit area far enough away from  
gnification, measure a reasonable sample (about  
factor to determine original droplet size. Proceed

entrate undiluted at the rate of 0.6 fl. oz. per min-  
at 15 mph, applying a 300 ft. swath. These flow

only under the following conditions: 1. Appli-  
nnel with public agencies or private contractors  
t agencies. 2. Application in calm air conditions  
icity of pedestrians. 4. Vehicles used to apply  
flow device.

**SECTS — SMALL FLYING MOTHS, CRANE FLIES,**  
unicipalities, Woodlands, Livestock Pastures,  
avoid farm buildings, dairy barns, feed or forage  
uel Oil or diesel oil or 13 oz. per 10 gals. oil. Apply  
1 mph, applying swath 300 to 400 feet wide. AIR-  
BROM 14 Concentrate in 100 gals. No. 2 Fuel Oil or  
lies, Flying Moths: 1 to 1-3/4 gals. Apply 1 gal.  
BROM per acre. Suppression of Blackflies: Dilute

1.5 fl. oz. DIBROM 14 Concentrate with 14.5 fl. oz. HAN. Apply at the rate of 16 fl. oz. diluted mix per acre. This is equivalent to 0.16 lb. actual DIBROM per acre.

**HORN FLIES (Range Cattle): AIRPLANE APPLICATION:** Apply 2 to 4 fl. oz. DIBROM 14 Concentrate undiluted per acre. Use higher rate for heavier fly populations. This is equivalent to 0.2-0.4 lb. actual DIBROM per acre.

**SUPPRESSION OF DEER FLIES: AIRPLANE APPLICATION:** Apply 1 to 2 fl. oz. DIBROM 14 Concentrate undiluted per acre. Use higher rate in denser vegetation. This is equivalent to 0.1-0.2 lb. actual DIBROM per acre.

**Note:** Concentrate may corrode metal spray or mixing equipment. Flush all equipment thoroughly with aromatic solvent after use.

## STORAGE AND DISPOSAL

### PROHIBITIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.  
Open dumping is prohibited.

### STORAGE

Keep pesticide in original container.  
Do not put concentrate or dilute into food or drink containers.  
For help with any spill, leak, fire or exposure involving this material, call day or night (415) 233-3737.

### PESTICIDE DISPOSAL

This product is 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 at the nearest EPA Regional Office for guidance.

### CONTAINER DISPOSAL

Triple rinse (or equivalent). Do not reuse container. Dispose of in a sanitary landfill or by other procedures allowed by State and local authorities.

**CONDITIONS OF SALE:** 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

## Chevron Chemical Company © 1988

Ortho Agricultural Chemicals Division  
San Francisco CA 94120-7144  
R Form 6517-T2 Product 3290 Made in U.S.A.  
EPA Reg. No. 239-1721-AA EPA Est. 235-CA-1

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