



# DIBROM<sup>®</sup> 8 MISCIBLE

## Naled Insecticide

FOR AGRICULTURAL OR COMMERCIAL USE ONLY.

ACTIVE INGREDIENTS:	BY WT.
Naled (1,2-dibromo-2,2-dichloroethyl dimethyl phosphate) .....	58%
INERT INGREDIENTS:*	42%
TOTAL	100%

Contains 8 pounds technical naled per gallon equivalent to 7.2 pounds naled.

\*This product contains xylene range aromatics.

## KEEP OUT OF REACH OF CHILDREN DANGER—PELIGRO

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

DIBROM<sup>®</sup> —Registered T.M. of Chevron Chemical Co.

EPA REG. NO. 34704-351 EPA EST. NO. \_\_\_\_\_  
NET CONTENTS 1 GALLON

24856

EXP-1Y

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Harmful or fatal if swallowed. Corrosive. Causes eye damage and skin damage. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist. Use rubber gloves and face shield or goggles when handling. Avoid contamination of food.

### FIRST AID

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crab, birds and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. 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. Do not use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur.

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 or store near heat or open flame. Store in a cool, dry place.

### DIRECTIONS FOR USE

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

### REENTRY STATEMENT

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.

Do not enter treated areas without protective clothing until sprays have dried.

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

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. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. 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 warnings must include the following information:

### DANGER

Area treated with NALED on (insert date). Do not enter without appropriate protective clothing until sprays have dried (insert State Department of Agriculture's reentry interval, if more restrictive).

In case of accidental exposure to pesticide spray wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

## STORAGE AND DISPOSAL

**PESTICIDE STORAGE:** Do not use or store near heat, open flame or hot surfaces.

Keep out of reach of children and animals. Store in original container only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: dike surrounding area or absorb with sand, cat litter or commercial clay. Place damaged package in a holding container. Identify contents.

**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 at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Do not cut or weld metal containers.

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

Plastic: 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.

Not for use or storage in or around the home.

Do not spray on Nectarines, ornamental Cherries, Liquidambar or Chrysanthemums as injury may occur. Do not store diluted spray. Make new

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Not Reviewed. Registrant claims to be in accordance with Reregistration of Pesticide Product Guidance for Phase 2 Response, Page 2.12, Active to Inert Change in Status.

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dilution for each use. Corrosion of iron equipment may occur if not cleaned out following use of this product.

Read Entire Label. Use strictly in accordance with cautions, warnings and directions, and with applicable state and federal regulations.

Observe days interval between last application and harvest indicated by number in ( ) following crop. Apply as a conventional diluted spray or as a concentrate spray according to directions for control of both sucking and chewing insects listed. Ground Application (unless otherwise noted)—Field Crops—Use designated amount in 50 to 150 gals. of water per acre as a thorough coverage spray or in 20 to 30 gals. of water per acre from concentrate spray equipment. Begin application at first sign of insects. Repeat as necessary. Do not use with highly alkaline materials such as lime or bordeaux.

MIXING DIRECTIONS: Add to spray tank when 1/4 to 1/2 full with agitator running and maintain agitation until spraying is completed.

BEANS (DRY, LIMA, GREEN) (4), SOYBEANS (4), AND PEAS (for Processing) (4): Alfalfa Loopers Aphids, Spider Mites, Lygus Bugs, Leafminer, Nitidulids, Leafhoppers—1 pt. per acre in water to cover. 100 gals. per acre is preferable. Large Loopers, Stink Bugs—1 1/2 pts. per acre in water to cover.

BROCCOLI (1), CABBAGE (1), CAULIFLOWER (1), BRUSSELS SPROUTS (1), KALE (-), COLLARDS (4): Imported Cabbageworm, Diamondback Moth Larvae, Aphids—Use 1 pt. per acre. Cabbage Looper—2 pts. per acre.

CELERY (4), LETTUCE (1), SPINACH (1), CHARD (1), TURNIP GREENS (1): Aphids, Cabbage Loopers, Armyworms, Saltmarsh Caterpillars, Leafminers—Use ground application only with fine mist spray—1 pt. in 50 to 75 gals. water per acre on plants less than 3/4 grown. On larger plants use 1 1/2 pts. in 100 to 150 gals. water per acre. Concentrate: Use 1 pt. in 20 to 30 gals. of water per acre.

CANTALOUPE (1), HONEYDEW (1), MUSKMELONS (1), WATERMELONS (1), PUMPKINS (1), WINTER SQUASH (1): Loopers (including Cabbage Loopers), Armyworms, Leafhoppers, Spider Mites, Leafminers—1 to 2 pts. per acre (200 gals. diluted spray per acre). Concentrate: By ground use 1 pt. in 20 to 30 gals. of water per acre. By air use 1 to 2 pts. in a minimum of 5 gals. of water per acre. Do not apply when temperature is over 90°F. On Honeydew and smooth skin melons, use Dibrom 4 Dust to prevent injury from spray application.

COTTON (4): Lygus Bugs, Cotton Leafperforator, Fleahoppers, Armyworms, Bollworms, Cabbage Loopers, and for suppression of Mites—1 pt. per acre by air or ground. Apply at 7 to 10 day intervals while pests persist. For heavy insect or egg population of any listed pest—Use 1/2 pt. per acre by air or ground plus residual materials for best results. Air Application—Use 1 to 5 gals. water per acre.

CUCUMBERS (0), SUMMER SQUASH (0): Cucumber Beetles, Aphids, Spider Mites, Cabbage Loopers, Thrips, Armyworms—1 pt. per acre in water to cover. Pickleworm, Leafminers—1 1/2 pts. per acre in water to cover. Aerial Applications—Use minimum of 10 gals. of water per acre.

EGGPLANT (1), PEPPERS (1): Aphids, Spider Mites, Blister Beetles, Flea Beetles, Leafminers, Whitefly—1 pt. per acre.

GRAPES (4): Drosophila, Leafhoppers—1/2 to 2/3 pt. per 100 gals. water. (100 to 130 gals. diluted spray per acre depending on size of vines). Use only 1/2 pt. per 100 gals. water on Muscat varieties. Do not use on Italia varieties as fruit injury may occur.

HOPS (4): Aphids, Spider Mites, Corn Earworm, Hop Looper, Cutworm—1 pt. per acre.

ORANGES (7)\*, LEMONS (7)\*, GRAPEFRUIT (7)\*, TANGERINES (7)\*: Aphids, Brown Soft Scale, Crawlers, Mites, Citrus Cutworms, Leafroller (Tortrix)—Ground application—1 pt. to 100 gals. of water. Thrips (Bloom)—Use 1/2 pt. per 100 gals. of water. Air application—Use 1 pt. per acre in 15 to 20 gals. of water. \*California and Arizona—Do not apply within 1 day of harvest.

PEACHES (Western States Only): Lygus Bugs, Suppression of Mites, Peach Twig Borer, Oriental Fruit Moth (California Only)—3/4 pt. in 100 gals. water. To avoid fruit spotting, do not use within 30 days of harvest. Do not apply where temperature is over 90°F.

RICE (2): Grasshoppers—1/2 to 3/4 pt. per acre by air or ground application. Air Application—Use in 1 to 5 gals. water per acre. Apply at first signs of insects. Do not make more than 3 applications.

ROSES (Field Grown): Aphids, Mites, Tent Caterpillar, Thrips, Leafhoppers—1 pt. to 100 gals. water.

STRAWBERRIES (1): Leafroller, Spider Mites, Aphids, Omnivorous Leafhopper—Use 1 pt. per acre. Dormant: Twospotted Spider Mite and Aphids—1 gal. of Supreme Oil may be added per 100 gals. of spray mix.

SUGAR BEETS (5): Spider Mites, Leafhoppers—1 pt. per acre by air or ground application. Air Application—Use in 1 to 5 gals. water per acre.

TOBACCO: Hornworm—1 pt. to 100 gals. water, using up to 200 gals. diluted spray per acre. Flea Beetles—1 pt. per acre in water to cover. Apply at first sign of insects. Repeat as necessary.

TOMATOES (1): Field Fruit Flies (Drosophila)—1 pt. in 20 to 40 gals. water per acre with ground sprayer, 7 to 10 gals. by air. Make first application 5 to 7 days before first picking and continue at 5 to 7 day

intervals. Field and Greenhouse: Tomato Fruitworm, Hornworms, Leafminers, Flea Beetles, Mites—1 pt. in 100 gals. of water. Spray plants thoroughly. For Field—Use up to 200 gals. diluted spray per acre. Do not apply when temperature is over 90°F.

WALNUTS (10): Aphids—1/2 to 1 pt. per 100 gals. water.

GREENHOUSE, VAPOR TREATMENT OF ROSES; OTHER ORNAMENTAL PLANTS, TOMATOES, CUCUMBERS: Spider Mites, Adult Whiteflies, Aphids, Leafrollers, Mealybugs—1 fl. oz. per 10,000 cu. ft. when plants are dry. Apply undiluted on heat pipes (or in open pans on hot plates). Apply continuously or to intermittent sections of pipe on each side and on 1 or more of the pipes through center of each range depending upon width. Application to cold pipes should be followed by immediately heating pipes to 160°F. In steam heated houses, close vents for at least 1 hour after pipes are hot. With hot water systems, close house for at least 3 hours. Houses may remain closed overnight following treatment. When application is made to hot pipes, wear goggles and approved respirator. Ventilate house before workers reenter. Wear respirator when entering treated houses to ventilate. Protect hives of bees in cucumber and other houses by covering with plastic or rubber sheet during treatment and until house is ventilated. Do not apply to tomatoes or cucumbers closer than 1 day before harvest. Spider Mites (Resistant and Non-resistant)—Make 3 or 4 treatments at 3 or 4 day intervals. Repeat as necessary. Adult Whiteflies—Make 2 applications at 7 day intervals. Repeat as necessary. Aphids—Apply when Aphids appear. Repeat as necessary. Warning—Avoid overtreatment and direct application to plants as injury may result. White Butterfly and Golden Rapture Roses, Pink Champagne Chrysanthemums, Green Wandering Jew, Poinsettias and Dutchman's Pipe may be injured by DIBROM vapor treatment.

FRUIT FLIES (Drosophila sp.): In and around Food Processing Plants, Loading Docks, Cull Piles and Refuse Areas, Cider Mills—Use 2 ozs. in 2 1/2 gals. water (5 pts. to 100 gals.) Apply as coarse spray to walls, floors, doorways, windows, refuse and cull piles where insects congregate. Apply every 5 to 7 days as long as necessary to maintain control. Do not apply to cull fruit or refuse piles to be fed to livestock. Avoid contamination of feeds, foodstuffs and food processing machinery. Do not apply when plants are in operation or when foods are present or exposed. Do not spray surfaces which will come into contact with foods. Cover food containers during spraying periods. Do not use in edible products areas of food processing plants.

RESIDENTIAL AREAS, TIDAL MARSHES, SWAMPS, WOODLAND FEED LOTS: Mosquito Adults, Gnat, Stable Fly and Housefly—Make applications during peak of infestation and repeat as necessary to maintain control. This rate of application will kill shrimp. Do not apply to tidal or marsh waters which are important shrimp producing areas. It is not necessary to avoid farm buildings and dairy barns.

Aircraft: East—Apply 0.8 to 4 fl. ozs. in 2 to 8 qts. of water per acre.

West—Apply 1.6 to 4 fl. ozs. in 2 to 8 qts. of water per acre.

Mist Blower: Use 3 to 5 qts. per 100 gals. of water. Calibrate equipment (rate of travel and output) to apply 0.1 to 0.25 pound of technical grade per acre.

CORRALS, HOLDING PENS (Dairy and Beef Cattle, Hogs, Sheep, Horses): Houseflies, Mosquitoes—Airplane Application—Use 1.6 to 4 fl. ozs. per acre. Dilute 1 to 2 1/2 pts. in 10 gals. water. Apply 1 gal. diluted spray per acre. Apply over areas with animals present. Repeat as necessary.

## DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: Platte makes no warranty, express or implied, concerning this use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

Use of Product: Platte's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, express or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practices.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

FORMULATED FOR  
PLATTE CHEMICAL CO.

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