



DIBROM 8 MISCIBLE

ACCEPTED

DEC 18 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 34704-351

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

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

DIBROM® - Registered T.M. of Chevron Chemical Co.

See Below For Additional Precautionary Statements.
EPA REG. NO. 34704-351 EPA EST. NO. 45063-CA-1
NET CONTENTS 1 GAL. (3.78 L)

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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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: coveralls over long-sleeved shirt and long pants; chemical-resistant gloves, such as barrier laminate, butyl rubber > 14 mils, nitrile rubber > 14 mils and viton > 14 mils; chemical-resistant footwear plus socks; protective eyewear; chemical-resistant headgear for overhead exposure; chemical-resistant apron when cleaning equipment, mixing, or loading; and a respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approved number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approved number prefix TC-14G).

Exception: When applying to hot pipes in greenhouses, ventilation vapor-treated greenhouses during application or before ventilation is complete, the protective eyewear must be goggles, unless a full-face respirator is worn.

Do not wear clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:
Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, and wildlife. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

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.

For any requirements specific to your State or tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Early Restrictions:

Outdoors and Non-Vapor Treatments in Greenhouses: Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

Vapor Treatment in Greenhouses: Entry by any person — other than a correctly trained and equipped handler who is performing a WPS-defined handling task — is PROHIBITED in the entire enclosed area from the start of application until one of the WPS ventilation criteria has been met. After ventilation is completed, do not enter or allow worker entry into the entire enclosed area during the restricted-entry interval (REI) of 24 hours, except as allowed by the WPS.

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PPE for Entry During the Restricted Period:
PPE for early entry to treated areas includes protective gear and vapor treated greenhouses, or other structures, and proper use after ventilation is complete. This is permitted under the Worker Protection Standard and that involves contact with any of the following: treated plants, soil or water, or covers or clothing that has been treated, such as pants, chemical-resistant gloves, boots, rubber apron, butyl rubber > 14 mils, nitrile rubber > 14 mils, neoprene > 14 mils, chemical-resistant footwear plus socks, protective eyewear, and chemical-resistant headgear for full body coverage.
PPE for entry by hand (e.g., gloves, eye and eye protection) before WPS ventilation criteria have been met is listed in the "Hazardous to Humans and Domestic Animals" section of this labeling.

NON-AGRICULTURAL USE REQUIREMENTS
The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.
Keep unprotected persons out of the operating areas or vicinity where there may be danger of drift. Do not enter treated areas prior to 24 hours after application without protective clothing (Does not apply to uses for adult mosquito control, or fly control, or range and pest control).

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 Chrysanthemum as injury may occur. Do not store diluted spray. Make new 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 (4), 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. of 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 days 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): Cucurbit 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, Outworm—1 pt. per acre.

ORANGES (7)*, LEMONS (7)*, GRAPEFRUIT (7)*, TANGERINES (7)*: Aphids, Brown Soft Scale, Crawlers, Mites, Citrus Outworms, 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 gal. of Supreme Dormant: Twospotted Spider Mites 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.

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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 rated 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

PLEASE READ THE FOLLOWING INFORMATION CAREFULLY. THE TECHNICAL DESCRIPTION ON THE LABEL THEREOF AND IS BEING APPLIED FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE. CONDITIONS IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. DEATH OR INJURY, INEFFECTIVENESS OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF APPLICATION. ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE CHEMICAL CO. IN ANY CASE, PLATTE CHEMICAL CO. SHALL BE RESPONSIBLE FOR DIRECT OR INDIRECT DAMAGES RESULTING FROM THE USE OF THIS PRODUCT AND SUCH RISKS SHALL BE ASSUMED BY THE USER. EXCEPT AS EXPRESSLY PROVIDED HEREIN PLATTE MAKES NO WARRANTIES, GUARANTEES OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED OR BY USAGE OF TRADE, STATUTE OR OTHERWISE WITH REGARD TO THE PRODUCTS SOLD HEREON. OUR LIABILITY IS NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, USE OR EFFECTIVENESS OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE, BUSINESS, OR USER'S EXCLUSIVE REMEDY AND PLATTE'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

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