

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION: Avoid contact with eyes, skin or clothing. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Use adequate ventilation and avoid breathing dust.

ENVIRONMENTAL HAZARDS: This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Do not make applications outdoors during rain. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

Do not contaminate water by disposing of equipment wash waters or rinsates. Apply this product only as specified on this label.

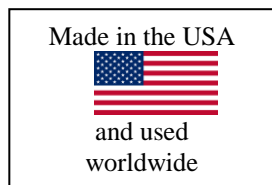
This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Discard clothing and other absorbent material that has been drenched or heavily contaminated with the product concentrate. Do not reuse them.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage and disposal. **Storage:** Store in a cool dry place, out of sunlight. Keep container closed. **Disposal:** many local governments collect these products. **If empty;** Do NOT reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local Solid Waste Agency for disposal instructions. Never place unused product down ANY indoor or outdoor drain.

4/07/2014

NET WT: 30 lbs/13.60 kgs



Lot Number:

**PERMA GUARD™
GARDEN AND PLANT
PROTECTION INSECTICIDE**

D-21

**USE WET OR DRY
MULTI-PURPOSE**

This is an effective material for insect control on FIELD CROPS, COMMERCIAL OR HOME GREENHOUSES, YARDS, and GARDENS.

ACTIVE INGREDIENTS:

Pyrethrins	0.5%
Piperonyl Butoxide *	1.0%
Silicon Dioxide (from Diatomaceous Earth)	88.5%
OTHER INGREDIENTS	10.0%
Total	100.0%

* (butylcarbityl) (6-propylpiperonyl) ether and related compounds.

KEEP OUT OF THE REACH OF CHILDREN.

CAUTION

FIRST AID

Call a Poison Control Center or doctor immediately for treatment advice.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.

IF IN EYES:

- Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye.

Have the product container label with you when calling a Poison Control Center or doctor, or going for treatment.

**SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS**



EPA Registration No. 67197-3
EPA Establishment. No. 67197-AZ-1

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 interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Personal Protective Equipment: Loaders, applicators and other handlers must wear long sleeved shirt and long pants, shoes plus socks, waterproof gloves. Follow manufacturer's instructions for cleaning & maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

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

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water are: **Coveralls, Shoes plus socks, Chemical-resistant gloves made of any waterproof material.**

SPRAY DRIFT MANAGEMENT FOR AGRICULTURE CROPS

Avoiding spray drift at the application site is the responsibility of the applicator and the grower. The interactions of many equipment and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

DO NOT apply at wind speeds greater than 10 mph at the application site.

DO NOT make any type of application into temperature inversions.

APPLY as a medium or coarser spray (ASABE Standard 572).

Additional requirements for ground applications:

DO NOT release spray at a height greater than 4 feet above the ground or crop canopy.

TURN OFF outward nozzles at row ends and when spraying outer rows.

ENTRY RESTRICTIONS for products applied as a spray, except for sprays applied directly to domestic animals:

DO NOT allow adults, children or pets to enter the treated area until sprays have dried or dusts have settled.

PERMA GUARD GARDEN AND PLANT PROTECTION INSECTICIDE CAN BE USED ON FIELD CROPS, COMMERCIAL AND HOME GREENHOUSES, YARDS AND GARDENS EVEN ON THE DAY OF HARVEST FOR THE INSECTS LISTED.

INSECTS (including but not limited to): 12 Spotted Cucumber Beetle, Ants, Aphids, Army Worm, Asparagus Beetle, Blister Beetle, Boll Weevil, Bollworm, Budworm, Cabbage Looper, Chinch Bug, Colorado Potato Beetle, Corn Earworm, Cross Striped Cabbage Worm, Cut Worms, Diamondback Caterpillar, Diamondback Moth Larvae, Fire worm, Fleas, Flea Beetle, Green Peach Aphid, Harlequin Bug, Horn Worm, Imported Cabbage Worm, Leaf Tier, Leafhoppers, Mexican Bean Beetle, Midges, Mites, Mole Cricket, Mormon Cricket, Other Caterpillars, Peach Curculio, Peach Borer, Pecan Weevil, Range Caterpillar, Stink Bug, Webworm, Whitefly.

CROPS (including but not limited to): Alfalfa, Asparagus, Beans, Broccoli, Brussel Sprouts, Cabbage, Cauliflower, Celery, Collards, Corn, Cotton, Cranberries, Eggplant, Grains (Wheat, Barley, Oats, Sorghum), Grasses, Lettuce, Mustard Greens, Kale, Peaches, Peanuts, Peas, Pecans, Peppers, Potatoes, Radishes, Soy Beans, Spinach, Tobacco, Tomatoes, Turnips.

ORNAMENTALS (including but not limited to): Acacia, African Violets, Agave, Alyssum, Asters, Azaleas, Beech, Begonias, Birch, Boxwood, Camellias, Carnations, Coreopsis, Cosmos, Chrysanthemums, Daffodils, Dahlias, Daisies, Dogwood, Elm, Eucalyptus, Euonymus, Ferns, Ficus, Foxglove, Geraniums, Gladioli, Hibiscus, Holly, Iris, Juniper, Larkspur, Lilies, Lupine, Marigold, Mesquite, Morning Glory, Nasturtium, Oak, Oleander, Palo Verde, Pansy, Peony, Petunia, Phlox, Pine, Pittisporum, Poinsettias, Poppy, Pyracantha, Roses, Sage, Snapdragon, Sunflowers, Sweet Pea, Tulips, Turfgrass, Yarrow, Yew, Yucca, Zinnias.

DIRECTIONS FOR USE

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

Do not apply this product through any type of irrigation system. Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

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. All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- (1) Treatment to soil or vegetation around structures;**
 - (2) Applications to lawns, turf and other vegetation;**
 - (3) Applications to building foundations up to a maximum height of 3 feet.**
- Aerial applications are prohibited.**

Applications with power duster equipment are prohibited.

Only apply as a spot treatment to areas no greater than 3 feet by 3 feet.

Do not water the treated area to the point of runoff.

Do not wet plants to point of runoff or drip.

DRY APPLICATION RATES: The goal is to get coverage over the entire plant, especially under the leaves. For young plants, as little as two pounds per acre may be sufficient. For larger plants, five lbs/acre may be necessary. With denser growth, it may be necessary to increase amount. An examination of the leaves will tell if the leaf bottom is covered. For yards and gardens, apply to get light, thorough coverage.

APPLICATION EQUIPMENT: A good dust applicator is essential, and should be equipped with electronic nozzles, which put a negative charge on the dust. The plant being positive attracts the dust resulting in better coverage even on leaf bottom. A hand-held duster or a plastic squeeze bottle container with a fine nozzle works well for yards and gardens.

WET APPLICATION RATES: The same rates apply when using **PERMA GUARD GARDEN AND PLANT PROTECTION INSECTICIDE AS A WETTABLE POWDER.** Adding water is merely a means of using existing spray equipment.

MIXING INSTRUCTIONS:

MINIMUM: 1 lb to 2 gals water.

MAXIMUM: 1 lb to 25 gals water.

The purpose is to get a solution that will flow easily through the nozzle, and still put the recommended amount of product. It is essential to get coverage on the underside of the leaf. Do not wet plants to point of runoff or drip.

GREENHOUSE, YARD AND GARDEN PLANTS: The same application instructions apply. Get coverage on top and bottom of leaf. Apply either wet or dry.

APPLICATION EQUIPMENT: A variety of equipment is available, from small hand units, backpacks, and tractor equipment, some capable of applying either wet or dry.

WARRANTY STATEMENT: Seller warrants that this product conforms to the ingredient statement on the label. Since conditions of use, such as weather, compatibility with other chemicals, and conditions of application equipment, will vary, seller makes no claims other than those stated on the label.



**EPA Registration No. 67197-3
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