**V1.3**

Etiqueta en español

# ZeroTol® HC

Escanea el código QR para la etiqueta en español

## SPECIMEN LABEL

**EPA REGISTRATION NO.** 70299-16

**ACTIVE INGREDIENTS**

| | |
|---|---|
| Hydrogen Peroxide | 5.34% |
| Peroxyacetic Acid | 1.36% |
| **OTHER INGREDIENTS** | 93.30% |
| **TOTAL** | 100.00% |

## KEEP OUT OF REACH OF CHILDREN

## DANGER – *PELIGRO*

## FIRST AID

**If in eyes**
- Hold eye 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.
- Call a poison control center or doctor for treatment advice.

**If on skin or clothing**
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**If inhaled**
- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for treatment advice.

**If swallowed**
- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

### PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS - DANGER: Corrosive.** Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Wear goggles, or safety glasses. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS:** 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. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

**PHYSICAL AND CHEMICAL HAZARDS: Corrosive.** Strong oxidizing agent. Do not use in concentrated form. Mix only with water in accordance with label instructions. Never bring concentrate in contact with other pesticides, cleaners or oxidative agents.

### DIRECTIONS FOR USE

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

ZeroTol HC is not to be combined or mixed with any other pesticide concentrates.

### SURFACE TREATMENT

Use ZeroTol HC on all listed hard, non-porous surfaces, to suppress/control odor-causing bacteria, algae, fungi, moss, mold and mildew, and the odors and conditions that these organisms cause.

Hard, non-porous application surfaces or items include: Greenhouses, Floors, Walkways, Walls, Storage Areas, Patios, Decks, Railings, Roofs, Asphalt Shingles, Siding, Stairs, Ramps, Sealed Concrete, Linoleum, Formica, Vinyl, Glazed Porcelain, Plastic, Sealed Fiberglass, Polyethylene, CPVC, PVC, Aluminum, Steel, Stainless Steel, Sealed Wood, and Glass. Brick, Stone, Landscape Pavers, Glazed Tile, Slate, Granite, Statues/Monuments, Outdoor Furniture, Tennis Courts (non-grass), Under Benches.

***(For non hose-end sprayer containers)***

1. Sweep and remove all debris. Use power sprayer to wash all surfaces to remove loose dirt.
2. Use a dilution of 1:150 or 0.85 fl. oz. of ZeroTol HC per gallon of water.
3. Apply solution with mop, sponge, pump or power sprayer or fogger to thoroughly wet all surfaces.
4. Allow to remain wet with solution for one (1) minute. Air dry. Do not rinse.
5. Scrub off heavy growths of algae and fungi following application. Use a solution of ZeroTol HC to wash away dead growth.

Reapply as often as needed for control.

**TREATMENT OF GREENHOUSE SURFACES AND EQUIPMENT** (glazing, plastic, pots, flats, trays, cutting tools, benches, work areas, walkways, floors, walls, fan blades, watering systems, coolers, storage rooms, structures and equipment) – Use ZeroTol HC to control algal, fungal and slime forming bacterial growth. Clean surfaces before treatment. Sweep and remove all plant debris, and use power sprayer to wash all surfaces to remove loose dirt. Use a dilution of 1:150 or 0.85 fl. oz. of ZeroTol HC per gallon of water for all non-porous surfaces that have been pre-cleaned with water. Apply solution with mop, sponge, power sprayer or fogger to thoroughly wet all surfaces. Cutting tools may be soaked to ensure complete coverage. Allow to remain wet with solution for one (1) minute. Allow items and/or surfaces to air dry. Do not rinse. Heavy growths of algae and fungi may have to be scrubbed off following application. Repeat treatment as required to maintain control.

### APPLICATION METHODS

**SPOT TREATMENT:**

1. Refer to Surface Treatment instructions (above) when mixing, preparing treatment area and applying.
2. Apply ZeroTol HC solution directly over the infested area, thoroughly wetting treated surface spot, item or area.
3. Allow contact time of 1 minute and let air dry.
4. Re-treatment is required when heavy growth occurs.

**LIQUID TREATMENT:**
1. Refer to Surface Treatment instructions (above) when mixing, preparing treatment area and applying.
2. Apply ZeroTol HC solution directly over the infested area, thoroughly wetting treated items and surface areas.
3. Allow contact time of 1 minute and let air dry.
4. Re-treatment is required when heavy growth occurs.

**FOAM: *(Not Approved For Use in California)***
1. Refer to Surface Treatment instructions (above) when mixing, preparing treatment area and applying.
2. Mix Foaming Agent solution to manufacturer-specified rate.
3. Use a Foaming Device, such as the BioSafe BioFoamer®, to apply.
4. Apply ZeroTol HC foam directly over the infested area, thoroughly covering treated items and surface areas with the foam treatment.
5. Allow contact time of 1 minute and let air dry.
6. Re-treatment is required when heavy growth occurs.

**FOLIAR TREATMENT**

Use ZeroTol HC as a fungicide/bactericide to prevent/treat/control plant diseases on all flowering plants, ornamentals, house plants, vegetable, berry and fruit plants, trees, shrubs and lawns.

ZeroTol HC works immediately on contact with any plant surfaces for the control/suppression of fungi and bacteria: Downy Mildew, Powdery Mildew, Leaf Blight, *Anthracnose*, *Botrytis*, *Xanthomonas*, *Rhizoctonia*, Leaf Spot, and *Pseudomonas*. (Not Approved For Use in California against *Botrytis*, *Xanthomonas*, *Rhizoctonia*, Leaf Spot, and *Pseudomonas*.) Apply ZeroTol HC to ornamentals, bedding plants, vegetable plants, flowering plants, shrubs, and trees. To ensure that this contact fungicide is effective, thorough coverage and wetting of the foliage, including the undersides of leaves is necessary. Reapply as often as needed for control.

Care should be taken when using ZeroTol HC for curative control of obligate organisms living on the plant tissue (such as Downy Mildew and Powdery Mildew). These treatments may result in lesions on plant tissue. ZeroTol HC will oxidize parasitic organisms living in plant tissue that are not always visible to the naked eye. Resulting oxidative effects may include spotting, or drying of the plant tissue where organisms inhabited tissue.

**Non Hose-End Sprayer Application:**

Initial Application:
1. Use a dilution of 1:150 or 0.85 fl. oz. of ZeroTol HC to one gallon of water. Do not reuse already mixed solution, make fresh daily.
2. Spray, mist or fog plants in early morning or late evening.
3. Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks to ensure full contact with plant and flower tissue.
4. Apply consecutive applications until control is achieved and then follow directions for preventative treatment.

Weekly Preventative Treatment:
1. Use a dilution of 1:200 or 0.64 fl. oz. of ZeroTol HC per gallon of clean water.
2. Spray, mist or fog plants.
3. Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks.
4. Spray every 5-7 days as a preventive treatment.

At the first sign of disease spray daily with a 0.85 fl. oz. per gallon of water for 3 consecutive days and then resume weekly preventative treatment.

**HYDROPONIC AND AQUAPONICS TREATMENT**
**(*Not Approved For Use in California*)**

Use ZeroTol HC in hydroponic and aquaponic systems to prevent/control algae. Use this product to prevent/control plant root rot diseases caused by water borne and water transmitted plant pathogens: *Pythium* & *Phytophthora*.
1. Add 1-2 teaspoons of ZeroTol HC per 50 gallons of water/nutrient solution.
2. For established algae, or root diseases use higher rates every three days until control is maintained.
3. Allow water/nutrient solution to continuously flow during treatment for uniform distribution across the entire hydroponic/aquaponic system.
4. Check the pH of the water each time product is added and before applying to the system. If pH is low, immediately buffer to a pH that is ideal for plants and/or fish.
5. Apply ZeroTol HC every time fresh nutrient solution or make up water is added to the system. Use lower application rates on a weekly basis to prevent algae and/or root diseases.

Note: ZeroTol HC has not been tested on all plant species; it is always advisable to test ZeroTol HC on a small number of plants before treating large numbers. Do not apply to wilted plants.

**TURF TREATMENT**

**TURF AND LAWNS:** Use on well-established lawns, to control/suppress algae, bacterial and fungal diseases, and the odors and conditions that these organisms may cause.
- Broad-spectrum treatment for control of algae, fungi and bacteria on turf, as well as synthetic and artificial turf.
- Use ZeroTol HC to treat/prevent the bacterial/fungal diseases including but not limited to: *Anthracnose*, Brown Spot, Dollar Spot, Summer patch, Copper Spot, Strip Smut, Take-All Patch, Leaf Spot, *Fusarium*, Fairy Ring, Pink Snow Mold, *Pythium*, *Phytophthora*, *Rhizoctonia*. *(Not Approved for Use in California against: Copper Spot, Strip Smut, Take-All Patch, Leaf Spot, Fusarium, Fairy Ring, Pink Snow Mold, Pythium, Phytophthora, Rhizoctonia).* Use ZeroTol HC to treat algae, slime molds, and scum.
- For use on all turf types such as commercial turf, lawns, athletic fields and golf course fairways, greens and tees.
- ZeroTol HC controls on contact.

**For Spray Application:** Dilute 1.3 fl. oz. of ZeroTol HC per gallon of clean water. Spray this solution on the desired area of the lawn. Three to ten gallons of diluted solution treats approximately 1,000 square feet of lawn area.

**Note:** For best results, apply immediately after grass has been cut. Optimum treatment time is early morning or late afternoon.

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Store in original container in a cool, dry well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. If empty: 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.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

This product is reasonably fit for the purposes described on the label when used in strict accordance with label instructions. The manufacturer is not responsible for any use of this product that is contrary to the label instructions on the container, or under abnormal conditions that are not reasonably foreseeable by the manufacturer and or seller. The buyer assumes all risk associated with use beyond label instructions or under abnormal conditions.

BioSafe Systems

For additional information on ZeroTol® HC, call us toll-free at 1-888-273-3088 or visit BioSafeSystems.com.

©2025 BioSafe Systems, LLC. ZeroTol®HC is a registered trademark of BioSafe Systems, LLC. Always read and follow label directions.

**V1.3-102518** 11.25