



## TECHNICAL DATA SHEET

### WHAT IS GARDENER'S TOUCH PLANT DEFENSE?

A solution called HOCl, or Hypochlorous Acid. It is a non-toxic and non-hazardous product. HOCl is generated using a combination of water, salt, and electricity. This highly-effective solution has a near neutral pH level and is safe for people, plants and pets. When applied, organisms are killed on contact. The water based solution has excellent microbial effects against a broad spectrum of fungi, mold, mildew and pests.

### GREAT FOR USE IN:

This HOCl formula is designed to combat indoor and outdoor pests, mildew, mold and fungus to support optimum nutrient mobility and support in plants. For agricultural crop production and horticulture.

### DIRECTIONS FOR USE:

Initial Application: Spray at full strength once per day for 3 days to control pests, fungus, and mildew.

#### Maintenance:

- Spray every 3-4 days at a ratio of 1:3 to control soft bodied insects, powdery mildew, mold and fungus
- If some powdery mildew or soft bodied insects are present, apply at a 1:1 ratio as needed once a day for 3 days
- If heavy infestation is present, apply at a full strength as needed once a day for 3 days
- At the end of 3 days, if infestation is still present, reevaluate and adjust maintenance schedule accordingly

Available Packages
55 Gallon Plastic Drum
30 Gallon Plastic Drum
5 Gallon Plastic Bottle
1 Gallon Plastic Bottle
4x1 Gallon Case
12x32oz Quart Case

### Tech Specs:

Physical State.....Liquid  
Appearance.....Homogeneous clear, liquid  
Color.....Colorless  
Odor.....Mild chlorine/ ozone odor  
Solubility.....Complete in water  
Boiling Point.....100\* C  
Chemical pH.....6.5 +/- 0.5  
ORP.....800 +/- 150mV  
(Oxidation Reduction Potential)

### NON-HAZARDOUS SOLUTION

### DISCLAIMER:

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use.