



## PERAGREEN 15%

Peracetic acid for agriculture or horticultural uses (EPA #63838-2)

### Properties

Peragreen® 15% is an EPA-registered microbiocide developed for agricultural systems. It contains 15% active peracetic acid, and has a high oxidation potential and is very reactive. It demonstrates excellent bactericidal and fungicidal activity against a wide range of microorganisms. Peragreen® 15% is stable for a minimum of 1 year under normal conditions.

### Applications

Peragreen® 15% is an excellent choice for agricultural or horticultural applications such as irrigation or drip water systems and greenhouses to control slime and algae. This product can be used to treat sand filters, humidifiers, storage tanks, ponds, reservoirs, canals, and greenhouses. It can be used in soil and foliar applications to prevent/control bacterial and fungal diseases present in soil or on growing agricultural crops.

### Chemical Composition

Peragreen® 15% is an equilibrium mixture of peracetic acid, hydrogen peroxide, acetic acid, proprietary ingredients, and water. It eventually degrades into non-hazardous byproducts such as oxygen, water, and acetic acid.

Peracetic acid (% wt.) 14.8-15.7

H<sub>2</sub>O<sub>2</sub> (% wt.) 21.5-22.5

Acetic acid (% wt.) 15.8-16.6

### Physical Properties

Density 20°C (68°F), (g/ml) 1.14

Vapor Pressure (mbar), 20°C (68°F) 27

pH (10% solution), 20°C (68 °F) <1

Flash Point (DIN 51584) > 98° C (207° F)

Freezing Point < -12° C (10° F)

### Appearance

Clear, colorless liquid (pungent vinegar-like odor)

### Storage

**The Peragreen® 15% container must be stored in an upright position.** The storage area should be well ventilated and **shaded from sunlight** as well as protected from sources of radiant heat. Contamination of the product, especially heavy metal ions and alkali, must be avoided.

### Shelf Life

At least 1 year without notable losses of active oxygen if stored properly.

### Packaging

5 gal (45 lb), 53 gal (500 lb), 300 gal (2840 lb)

Available in HDPE plastic pails, drums and totes.

### Transport (DOT)

UN3109, Organic Peroxide Type F, Liquid (Peroxyacetic Acid), 5.2 (8) , PG II

### Product #63

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