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## **AOPL Shield 5**

### Silver activated Hydrogen Peroxide

#### **Product Description**

Chemical Name : Silver activated Hydrogen Peroxide  
Chemical Composition : 5% H<sub>2</sub>O<sub>2</sub> Solution  
Silver Ions (30 PPM)  
Stabilizer

#### **Introduction**

**AOPL Shield 5** is a technically formulated ecological sanitizing agent. It is a 5% Hydrogen Peroxide activated with **Micro Silver Ions** which activity against Bacteria, Fungi, Viruses, Spores & Algae.

AOPL Shield 5 has efficacy as a:-

Sanitization of Closed Rooms :- Office Spaces, Class rooms, Banquet Halls etc.

Soil Sanitizer :- In Green Houses & Open Farms.

#### **Activity**

The activity of **AOPL Shield 5** can be described as a **3 Step** sanitization process integrated in a single compound which can be described as follows: -

1. Post Drenching, the cell walls of Bacteria, Fungi, Virus and Spores get Oxidised by Hydrogen Peroxide.
2. The infused **Silver** enters the nucleus of the cell thus disrupting the DNA.
3. This eliminates the risk of multiplication of the cell mass.

#### **Dosage and Application**

- a. Closed Room Disinfection - AOPL Shield 5 = 10 ml / Litre
- b. Medical Rooms - AOPL Shield 5 = 10 ml / Litre
- c. Body Sanitization - AOPL Shield 5 = 10 ml / Litre
- d. Soil Drenching - AOPL Shield 5 = 100 ml / Litre
- e. Foilar Spray - AOPL Shield 5 = 10 ml / Litre
- f. Cleaning Drip System - AOPL Shield 5 = 25 ml / Litre. Allow to flow 10 min, before stopping the flow.

#### **Other Application**

#### **ISO: 9001:2015 Certified**

The above information is to the best of our knowledge true and accurate. Since the conditions that the products are used in cannot be handled or controlled by us we cannot guarantee the results and assume liability to damages incurred by using this product

Refer to M.S.D.S. for handling procedures.



**AMBANI ORGANICS LTD.**

Your Chemistry is Our World.

Introducing **Anti-microbial SILVER Ion** Technology

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Disinfection of Office Rooms, Class Rooms, Banquet Halls, Buildings, Staircases, Canteen, etc..

Disinfection of surface such as All Floorings, Table Tops, Windows and other surfaces.

Disinfection of Medical Application such as Operation Theatres, Hospital Lobbies, Hospital beds etc.

Disinfection of Irrigation Water

Disinfection of Soil

Disinfection of Equipment in Agricultural and Horticultural Industry.

A. Greenhouses & Nethouses

B. Dairy

C. Poultry

D. Hydroponics etc.

Misting / Fogging in Greenhouses through automizing the product.

### **Advantages**

Can be sprayed on Wooden Surfaces. Does not lead to discolouration

Can be sprayed on plants, causing no damage.

Does not release fumes.

No toxic Smell

Helps to disinfect soil from microbial contamination (Bacteria, Fungus, Virus)

Active in wide range of pH soils & temperatures.

Fast action due to unique oxidizing formula.

Does not accumulate in plants, has no odor or colour Non-toxic and residual free product.

Bio-degradable.

### **Compatibility:**

It is only compatible with LeafWet (to be used just before application).

### **Caution:**

It is not compatible with any pesticides & foliar nutrients and should be never used in sunlight.

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