

Peroxide Silver

CO165

An eco friendly broad spectrum disinfectant (Oxidizing agent) useful for aerial fumigation, all kinds of surfaces, food farms, poultry, beverage industry and water disinfection

Composition :

Silver nitrate IP	0.01%
Hydrogen peroxide	10.0 %

Mode of action:

The combined effect of H₂O₂ with silver nitrate results in multiple oxidation power to kill all germs viz. bacteria, fungi, spores, virus, algae and amoebae. The formation of highly reactive free oxygen ions and hydroxyl radicals help to achieve superior disinfection. The silver attacks the defense system (enzymes) of the micro organisms and the hydrogen-peroxide attacks its membrane and internal organs (DNA and RNA) resulting in cellular dysfunction.

Properties :

It is a clear colourless, odourless and tasteless liquid. It is miscible in water and air completely without foaming and coat formation.

Directions :

1. Aerial fumigation : A 20% concentration (20ml in 80ml of DW) can be used to fumigate a 1000 cu ft area for 30 min.
2. Surface disinfection: To disinfect surfaces of processing areas, food farms, walls and tables, a 5% solution of peroxide silver is recommended to be used after the first cleaning and rinsing with water. A contact time of 10 min gives the desired result. For soiled surfaces/ surfaces with higher microbial load, a 10% solution is recommended with a contact time of atleast 20 min. Allow it to dry and do not rinse.
3. Instrument Disinfection : After cleaning and rinsing with water the instruments should be submerged in a 10% solution for atleast 20 minutes. Allow them to dry and do not rinse.

Salient features

- Eco-friendly as the breakdown products are water and oxygen
- Remains active and stable for longer periods
- Non carcinogenic
- Removes and destroys the adhesive Biofilms of microbes.
- Causes no irritation to skin or eyes
- Non pollutant and biodegradable

Peroxide Silver**CO165****Storage**

Store at room temperature. Do not store together with alkalis, salt, reducing agents and combustible substances.

Shelf life : 2 years

Disclaimer :

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