

## ALSTASAN SILVOX 150

Silver Hydrogen Peroxide based Air and Surface Disinfectant

### General Description

ALSTASAN SILVOX 150 is a hydrogen peroxide based product is used as air and surface disinfectant, stabilized with silver nitrate and other ingredients for use in various applications for air and surface disinfection through fogging, spraying, surface wiping, etc. It is FDA approved product by NTC and has been tested for direct human consumption in drinking water treatment at up to 25 ppm.

Critical areas deal with infectious patients and risk infection spread to doctors, staff or other personnel. Everybody included is presented to a greater risk of infection, requiring more convenient and productive cleaning procedures. Nosocomial infections or HAI (Hospital Acquired Infections) are a secondary route of transmission for people on the frontline, and these critical/ high traffic areas need to be sanitized properly to prevent spread of infections.

### Key Features & Benefits

- Cold sterilant; requires no heat for disinfection
- Eco friendly; degrades only into water and oxygen
- Broad Spectrum antimicrobial activity ensuring a wide range of efficacy over microorganisms
- Non-tainting, non-staining; appropriate for equipment sterilization
- Does not emit toxic harmful fumes like conventional air fumigants such as formalin, bromine and other aldehydes
- Requires no neutralization or water rinsing post application
- Rapid antimicrobial action on a short contact period
- Easy handling and can be dosed automatically/ manually.
- Does not introduce any smell and taste

### Physicochemical Data

| Attributes                    | UOM   | Typical Value    |
|-------------------------------|-------|------------------|
| Form                          | -     | Clear liquid     |
| Appearance                    | -     | Colourless       |
| Odour                         | -     | Odourless        |
| pH                            | -     | < 2.0            |
| Specific Gravity              | -     | 1.05 – 1.10      |
| Assay as Hydrogen Peroxide IP | % wt. | 11 min.          |
| Assay as Silver Nitrate       | ppm   | 150              |
| Inert Ingredients             | -     | Balance          |
| Solubility                    | -     | Soluble in water |

### Storage

ALSTASAN SILVOX 150 should be stored in original containers in cool dry place, away from heat, direct sunlight and alkalis. Store in cool and dry place. Shelf life 2 Years when stored properly.

Please refer label and SDS for details.

### Packaging

ALSTASAN SILVOX 150 is available in 1L/10L/20L HDPE Jars.



## Handling Measures

Proper safety products such as splash goggles, gloves, lab coat should be worn while handling and applying chemicals. Splashes on skin to be washed off with water immediately. In case of splashing into the eyes, flush them with fresh water and seek medical attention. **Should not be injected.**

## Application Area

- Infection control in OT, ICU, ICCU and other critical areas
- Kidney dialysis unit sterilization
- Toilet facilities sanitation
- Bed Pans, Catheters, and other surface equipment sanitation
- Sanitation of water supplies and storage tanks
- Bio-medical and semi-solid waste sanitation

## Dosage & Application

- Fogging and Fumigation of Operation Theatres, Research Centres and other Critical areas: 200 ml of ALSTASAN SILVOX 150 diluted in 800 ml of water via fogging machine to disinfect an area of 1000 Cubic ft.
- Medical Instruments and Equipment: 1. Dip Method: 5% Solution for 60 minutes and 10% solution for 45 minutes. 2. Spray Method: 10% v/v solution sprayed and left for a contact time of 45 minutes.
- Surface Disinfection: 10% Solution applied on critical surfaces and left for a contact time of 45 minutes
- Disposal Instruments, Blood bags, Syringes: 20% solution for 30 minutes before disposal.

For more details on use concentration, kindly contact your nearest CSL Representatives.

## Contact Information

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ISO 9001: 2015, ISO 14001: 2007 (EMS),  
OHSAS 18001: 2015, WHO-GMP Certified,  
and CRISIL SE-2B rated company

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