

# Environment & Surface disinfection.

# EARTH WATER AIR

Earth Water Air

Which is everywhere

Essential they are for us to survive

Where pathogens make merry & thrive

Difficult to eliminate due to resistance

But, BioShields fights on with persistence

Presenting...

# Silvicide™

Aerial fumigant, surface and water disinfectant solution

**SILVICIDE** is a clear solution with characteristic peroxide odour. It is a universal disinfectant based on a complex of silver ions and hydrogen peroxide as an oxidizing agent that can be used for aerial fumigation and for surface and water disinfection. It does not alter the taste, colour or smell of food/water and leaves no residue.



## Applications

### Medical

In hospitals and laboratories for aerial fumigation in critical areas such as OT, maternity units, other clean areas  
To kill resistant strains like MRSA & VRE  
To reduce pathogen load & ensure reduction of nosocomial infections  
Water disinfectant in critical areas  
Surface disinfection  
Regular disinfection in sensitive research and quality control areas

### Industrial

Pharmaceutical, food and dairy industry as a surface disinfectant  
For aerial fumigation in manufacturing, R & D and QA/QC areas  
Surface disinfection

## Benefits

- Eco-friendly & safe
- Residue-free
- Broad-spectrum – kills all pathogens including spores
- Just takes one hour to sterilize OT
- Can be used to mop OT surfaces as well
- Excellent surface & material compatibility
- High quality fogging machine also available
- Hazard-free packing

*“Eco friendly peroxide - silver complex...”<sup>1</sup>*

*“H<sub>2</sub>O<sub>2</sub> effective against Mycobacterium tuberculosis, VRE, MRSA...”<sup>2</sup>*

*“Silver and hydrogen peroxide have synergistic effect...”<sup>3</sup>*

*“Use of peracetic acid is mutagenic & may cause cancer...”<sup>4</sup>*

#### REFERENCES :

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4. Golalipour, M. J. 2008. Int. J. Zool. Res. 4(3):176-180



Applying Science In Disinfection

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## The Silver Lining In Disinfection