

Sanosil Biotech introduces Virosil Pharma a swiss eco-friendly fumigant to fight the coronavirus outbreak

About Us

Sanosil biotech is the first company in India to pioneer the novel concept of eco-friendly fumigation. The company has great respect for human health and the environment.

Virosil is a revolutionary, eco-friendly, non-toxic disinfectant and fumigant (aerosol) for use in Pharmaceutical companies. Virosil is a patented formulation manufactured in India in technical collaboration with Sanosil AG of Switzerland.

The Formulation is approved by a number of leading Pharmaceuticals and Hospitals in India, German Society for Hygiene & Microbiology, Food & Drug Administration (MS), Public Health Department of Switzerland and by Healthcare Department of Western Europe, Australia & Middle East.

It is manufactured in India in technical collaboration with **SANOSIL AG of Switzerland**. **SANOSIL AG in Switzerland** is the patent holder and has joint venture agreements in more than 15 countries such as France, Italy, Spain, Holland, Norway, South Africa, Australia, Saudi Arabia, Oman, the UAE, etc. The product is being used in various countries by reputed institutions and has been thoroughly tested under strict regulations imposed by European Health bodies

Virosil when used with a recommended Sanomist fogger machine generates a very fine mist with a droplet size of less than 1 micron, thus helping the disinfectant solution being evenly sprayed. The smaller the droplet size of the spray more effective is the action of the disinfectant solution and broader is the area coverage. An specific area can be completely sterile within 60 minutes of spraying without causing any irritation to the eyes, nose and skin – unlike conventionally used formulation.

PRODUCT DISCRIPTION:

Virosil is a multicomponent fumigant and disinfectant. The oxidizing agent used is hydrogen peroxide, which is bonded with stabilizing agents to form a complex solution. A long-lasting effect is ensured by the addition of silver, which acts as a catalyst in trace amounts. The bactericidal effect of silver is based on the fact that the monovalent silver ion Ag⁺ binds very firmly to bacterial proteins by a covalent or co-ordinate bond, and thus inactivates or precipitates these.

ADVANTAGES:

- # Eco- friendly – It is totally bio-degradable since (H₂O₂) breaks down into water & oxygen
- # Chlorine free
- # Non-toxic (no irritation to skin or eyes)

- # No effect on pH consideration
- # Non carcinogenic & non mutagenic
- # Excellently rinsable with no remains

PROPERTIES:

- # can easily be dosed
- # does not foam
- # decomposes into water and oxygen
- # is excellently rinsable with no no remains
- # treats any other material with

Effective against:

- Tuberculosis
- Chlamydia
- E-coli, Cytomegalovirus, *Staphylococcus aureus*
- Herpes simplex, *Pseudomonas aeruginosa*
- Hepatitis A & B
- Influenza
- HIV (AIDS virus)
- SARS virus
- Salmonella typhi
- Polio virus
- Rotavirus
- Feline Calicivirus
- Infectious Bursal Disease
- Avian Influenza
- Feline Herpes virus
- Newcastle disease
- Canine Parvovirus
- MRSA
- And many more...

Virosil Pharma an eco friendly fumigant against CORONAVIRUS

What is a Coronavirus?

Now Named COVID 19

It is a novel virus named for the crown-like spikes that protrude from its surface. The coronavirus can infect both animals and people, and can cause a range of respiratory illnesses from the common cold to more dangerous conditions like Severe Acute Respiratory Syndrome, or SARS.

The coronavirus has now spread across more than 20 countries across the world and has become a global health emergency. To address the urgent need for increasing disease prevention and safety measures, every country are trying hard to contain its limit in their regions.

Disinfecting actions

Aerial Fogging:

The recommended ULV fogger gives a very fine mist which allows the formulation to be suspended in the atmosphere for a longer period of time guaranteeing 100% kill on all air-borne bacteria and fungi

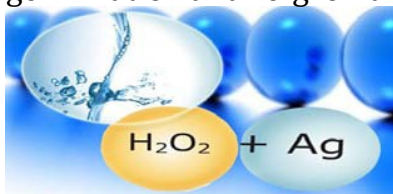


SanoMist Fogger

Virosil Pharma - Effective Mode of Action:

The combined effect of hydrogen peroxide and silver nitrate attacks cell walls of microorganisms upon direct contact. Nascent oxygen denaturizes the cell wall and disrupts cytoplasm stability. This effect is boosted by silver ions that disrupt protein activities associated with reproductive and metabolic systems and deactivates them resulting in rapid cellular degradation and microbial death.

Silver H₂O₂ disrupts the cellular membrane of microorganisms and attacks internal cell structure and processes. H₂O₂ decomposes into water and oxygen ($2\text{H}_2\text{O}_2 \rightarrow 2\text{H}_2\text{O} + \text{O}_2$) and traces of nano silver form residue on the disinfected surface. These silver traces are invisible and non-toxic but actively and effectively counteract re-germination and re-growth.



Virosil Pharma effectively protects critical surfaces that come in contact with it.

It is recommended to wash clothes and skin that have been contaminated with the pathogen (excrements) with soap and water. Objects and surfaces should be cleaned with Virosil Pharma Disinfectant.

What can be an accurate way of releasing disinfectants?

The autonomous precision spraying tool (the ULV fogger machines), can be a highly effective alternative to accurately release disinfectants over open places. foggers can be directed to spray where it is needed and cover a wider area, helping to improve public hygiene and reducing the risk of [virus transmission through aerial & surface contact](#).

Virosil Pharma is presently being used in organizations and institutions such as *Aurobindo, Pfizer, Cipla, Dabur, Ranbaxy, J&J, Abbott, Serum Institute, Dr. Reddy's, Lupin Labs, Cadila Healthcare, Wockhardt, Biocon, Mylan Labs Astrazeneca, Reliance Life Sciences* etc., as a very effective fumigant and disinfectant providing an environment with microbial containment and a completely safe and sterile environment.

Fogging & Sanitisation PROTOCOL **(protection against Coronavirus)**

Fogging and sanitisation is a fast, efficient and cost effective way to get your areas or facility as clean as possible. Use of our eco-friendly disinfectant VIROSIL PHARMA and the recommended SanoMist fogger eradicate almost all germs and potential illness harbouring bacteria & viruses without disturbing your surroundings.

Fogging with Virosil Pharma, a dry mist has been used in sectors including pharmaceuticals, biotech food production, hospitals & healthcare facilities for a number of years to destroy a broad spectrum of microorganisms. Now SANOSIL is promoting its use in the wider world – in business offices, government institutions, schools, retail, IT parks, and public transport (bus, railways, metro, and aircrafts).

Mode of Applications:

Aerial Fogging:

Concentration – 20% to be evenly fumigated over an area of about 2000 cuft with the recommended fogger)

(20% Means = 200 ml of Virosil Pharma diluted in 800 ml of Purified or Sterile Water)

Contact Time: 1 Hour

Surface Treatment:

Concentration – 3% to 5 %

(3% Means = 30ml of Virosil Pharma diluted in 970 ml of Purified or Sterile Water)

All critical areas, surfaces, touch points can be wiped thoroughly with our disinfectant.

The company also offers a customized disinfection audit on its website;

www.sanosilbiotech.com

For further information and samples, please contact:

Mr. Dev Gupta, CEO. Sanosil Biotech Pvt. Ltd. Warden House, 1st Floor, Sir P.M. Road
Fort, Bombay 400 001. Tel No. 022 22872295 / 43112700 / +919820016292 email:
info@sanosilbiotech.com