



### **WHY ARGESIL?**

**ARGESIL is 100% Bio-degradable sterilant cum disinfectant and decomposes in to Oxygen & Water. On the other hand, daily use of commonly available chemical based products have caused a severe consequences to not only human health but also Environment. Chemical traces are found every where be it Air, water, soil or surfaces. Most of the water bodies are found to be severely polluted including Antarctica. If not stopped, it will result in to Severe Anti-microbial Drug resistance & chronic illnesses.**

### **How to use ARGESIL Pharma?**

ARGESIL is a Concentrated solution. One must dilute in clean water as per its intended end-use.

**Air Fumigation in Clean Room Areas & Microbiology sections** – Add in a proportion of 10 ml in 40 ml water, fumigate until the area is filled with fumes. Close the rooms for 45 to 60 mins before it can be used. (Recommended when the exposure reaches the alert/actionable limit)

**Sterilizing production instruments / devices** – Add in a proportion of 1L in 1L water allow for 30mins before reusing.

**Daily floor or surface cleaning** – Add 1/2 cup in 1 bucket water.

**Periodic Water & Air Filter disinfection** – 100ml in 1Lt water spray or immerse for 30 mins.

**Periodic Disinfection of water distribution Loop** – Add 1L in 8-10L water and circulate for 6-8 hrs

**Periodic Disinfecting Purified water storage tank** – Add 1L in 50L water, allow for 6-8h and drain.

### **Is Argesil an ordinary floor cleaner?**

NO. ARGESIL is a high-end sterilant and disinfectant. It can be used for Surface, Air, Water and Soil disinfection. It is much beyond ordinary cleaning product which only removes floor stains, fine dust, and mostly only deodorizes. Surface Cleaning products mostly contains color, fragrance and toxic chemicals like Phenol, Benzalkonium Chloride, Aldehydes, Sodium Hypochlorite, Quaternary ammonium salts, etc.

### **Is ARGESIL a Broad Spectrum disinfectant?**

YES. ARGESIL is a broad spectrum disinfectant, meaning it kills gram positive & gram negative bacteria, including spores and multiple drug resistant bacteria.

### **What is Silver Nanotechnology in ARGESIL?**

ARGESIL contains uniformly synthesized Silver nanoparticles ranging 10 to 20nm. (1nm is 1 millionth size of 1mm). Silver is Anti-microbial and is in use for more than 5,000 years. Silver also has a synergistic effect on killing microorganism when used along with dilute hydrogen peroxide.

**Does ARGESIL contain any Toxic Chemicals?**

NO. ARGESIL is free from all types of toxic chemicals be it Chlorine, Nitrates, Aldehydes, Ammonia, Phenol, Hexedines, etc. ARGESIL contains Hydrogen Peroxide which is a Miracle chemical of the millennium due to its unique decomposition characteristic.

**Is ARGESIL compatible with metals, glass, stone, wood, paper etc?**

ARGESIL is NOT compatible with exposed IRON parts and paper products containing cellulose.

ARGESIL is compatible with Aluminum, Copper, Brass, Stainless steel, Glass, Marble, Granite, Artificial vitrified tiles, Ceramic, and Real Wood.

**Does ARGESIL contain any Color, Odor, taste?**

No. ARGESIL is colorless, odorless & tasteless.

Be aware, color or fragrance does not kill bacteria nor takes part in any stain removing activity. It is just a MYTH that your disinfectant should smell.

**Does the solution turn milky when ARGESIL diluted in water like how commonly used anti-septic/disinfectant turns?**

NO. since ARGESIL does not contain toxic chemicals thus does not turn the liquid Milky like Dettol or Phenoyl or any other. It may appear slightly turbid which could be due to chlorine content in Tap water but that is not to worry.

It contains Hydrogen Peroxide which decomposes into water and oxygen, solution thus remains CLEAR & COLORLESS. Milky solution means nothing, except that it contains some chemicals.

**What happens to ARGESIL after it is used on surface or water or Air?**

ARGESIL decomposes into Pure AIR & WATER & leaves behind NO harmful chemical residues which are harmful for Infants Adult, Senior citizens and Domestic pets, etc.

**Can ARGESIL remove Biofilm i.e. sticky yellow/reddish brown substance found on surface of water filter or air filter?**

YES. ARGESIL removes BIOFILM from filters.

**Is ARGESIL a long-lasting disinfectant?**

YES. ARGESIL contains Pure Silver Nano particles which remains on the surfaces to continue killing of bacteria, viruses, fungus and Spores due to its unique Killing Mechanism.

**Is ARGESIL effective on Multiple drug resistant bacteria?**

YES. ARGESIL has been tested on MRSA and it kills 99.999% drug resistant bacteria at defined concentration of 2.5% and contact time of 15mins.

**What is the unique Killing Mechanism?**

Hydrogen Peroxide instantly kills Microorganisms as it is a strong oxidizer.

Silver Nano particles due to its nano size (10nm) i.e. 1,00,000th times smaller than a millimeter permeates into the cell membrane rupturing the outer shell & destroys the DNA cell.

**Does Silver Nano particles cause toxicity when ingested?**

NO. WHO guidelines for Silver in drinking water, 2021 recommends up to 0.1mg Silver/L.

ARGESIL contains 125ppm (0.0125%) which is further diluted to 1000L water for using on fruits and vegetables which would contain Silver 0.000125mg/L in it.

**Is ARGESIL tested for Kill-time Efficacy study:**

ARGESIL has been extensively studied for its efficacy as per European Norms 1276. It complies with the requirements of achieving 99.999% (5 Log) Reduction in 5 mins on Pathogenic bacteria. It also kills Drug Resistant bacteria <MRSA> and Spores.

**Does ARGESIL require any special precaution for handling and storage?**

YES. Keep the bottle always **↑UPRIGHT** and USE Gloves while handling.

ARGESIL contains Hydrogen Peroxide which is strong oxidizer, corrosive to skin and liberates oxygen continuously.

**Can ARGESIL empty container be discarded without any cleaning?**

NO. Please wash the empty bottle with water before discarding.

**Is ARGESIL recommended by any authorities?**

YES. Silver Hydrogen Peroxide is widely used disinfectant across the globe, especially in USA, Europe and other developed nations. It is recommended by WHO, CDC USA, EPA, ICMR, FDA.

**Does ARGESIL come in Ready to Use?**

YES. ARGESIL is launching soon Ready to Use variant of different concentrations.

Please contact us on [info@argenobel.com](mailto:info@argenobel.com) or call on +91-8169178767

**What is the meaning of Science & Sensibility?**

At Argenobel, we believe in solving problem without creating another. This is what we call Science & Sensible.

**Which all PHARMA units can use ARGESIL?**

ARGESIL can be used in Formulation plants, Active Pharma Ingredients plant, Sterile API facility, Granulation company, Pellets manufacturers, Cosmetics manufacturer, Nutraceuticals, Ayurvedic, Dietary supplement manufacturer, Food processing, Water bottling and Beverages companies.