

ARGESIL


There's some joy in
seeing that 'Open'
sign on your door,
isn't there?



It's a great day... provided we are closed to infections!

We are grateful to be working again. The staff in our offices are relieved to be back at their desks. Customers are happy to walk into shops, bistros, and restaurants. But 'bio-security' is the new synapse in our collective brain. No flirting with safety anymore. It should positively... and predictably... be just there!





We cannot trust that we will not be caught out again.

Businesses lie beleaguered and battered. Lengthy close downs! People have been let off! Absenteeism and downtimes due to illness have hit us hard! Being prepared for the worst is the 'new normal.'

Moreover, we are into the post antibiotic era. It means, the erstwhile 'easily treatable' illnesses will no longer be so. Bacterial infections can kill again. We need our scientific advancements to come good and provide solutions.

Businesses will have to be proactive in their approach to biosecurity. Environment monitoring, control, & prevention are the watchwords.

Technical Datasheet

Argesil is a highly recommended multipurpose disinfectant for use in areas with High Foot Fall. It maintains the highest level of health, hygiene & safety standards when used on a regular basis. It protects from dangerous bacteria, viruses, fungi, and other serious illness causing microorganisms.



Composition:

Hydrogen Peroxide 25% w/v

Silver Nanoparticles 0.025% w/v

D M Water q.s.

- Efficacy Tested in NABL accredited lab

- Recommended by WHO, EPA, CDC & ICMR

- Manufactured in GMP certified facility

Application

Surface Disinfection, Aerial Fumigation, Water Disinfection & Sterilisation.

Direction for Use: Dilute Argesil in Clean Water

Aerial Fumigation – 1 part in 15 parts water

Surface & Floor disinfection – 1 part in 50 parts water

Water disinfection – 1 part in 5000 parts water

Laundry – 1 part in 50 parts water

Tools & Device Sterilisation – 1 part in 2 parts water

*Recommended contact time- 5 to 20 minutes. Contact us for high bio-load customised solution.

Storage: Store in cool and dark place

Shelf Life: 12 months from date of manufacturing



OXIDIZER



CORROSIVE



IRRITANT

Health: Not for medicinal use. Can cause eye damage in case of direct contact. May cause mild skin irritation. May cause respiratory irritation. Harmful if swallowed. Keep away from children.

Safety: Wear Personal Protective gear like gloves. Nose mask & eye goggle while using the concentrated liquid.

First Aid: Wash the affected part with ample water or take medical assistance in case of severe injury/exposure.

Efficacy

H2O2 Conc.	Duration	Killing*	Micro organisms
~ 0.5 %	20 mins	99.99%	E.coli, Staphylococcus Aureus, Pseudomonas Aeriginosa, Salmonella Typhi, Methicillin-Resistant Saphylococcus Aureus and C. albicans.
~ 1.5 %	10 mins	99.99%	
~ 2.5 %	10 mins	99.999%	
~ 5.0%	10 mins	99.999%	
~ 12.5%	5 mins	99.999%	

(*) Tested as per EN 1276 guidelines.

Presenting,

ARGESIL

Silver Nanotechnology

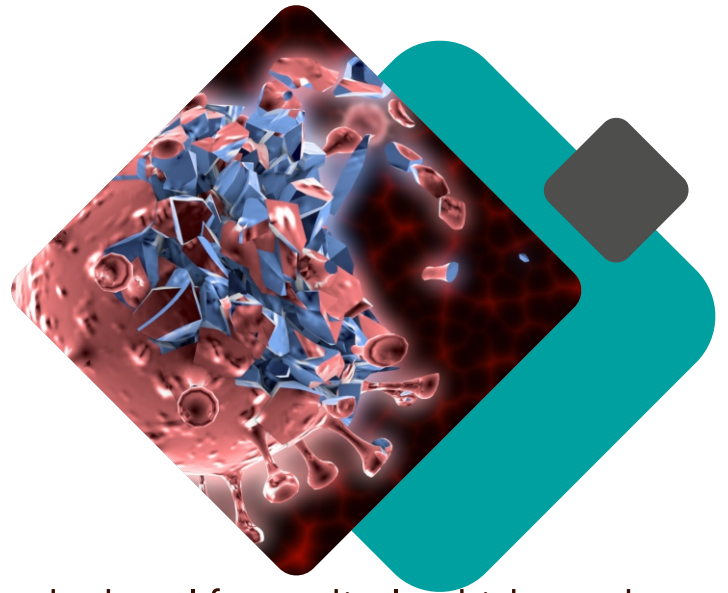
- Broad-Spectrum & kills up to 99.999% Harmful Bacteria (as per EN 1276) Highly effective on Viruses, Fungi, And Multiple Drug Resistant Bacteria & Spores
- Non-Toxic & without Chemical Residue
- Safe for Children, Infants, & the Elderly
- Pet-Friendly
- 100% Eco-Friendly
- 100 % Biodegradable -- it decomposes to Water & Oxygen post use
- Alcohol-Free
- Versatile in use – on Surfaces, as a Fumigant, and inside Hard-to-reach Spaces

It delivers unfailingly,
comprehensively,
and consistently. It's...

"Delightfully Predictable!"



'Mechanism of killing' explained.



Hydrogen Peroxide produces destructive hydroxyl free radicals which attacks the membrane lipids, DNA, and essential cell components. Additionally, the Silver Nanoparticles anchor to the bacterial cell walls and penetrate them, causing structural damage to the cell membrane. Due to its permeability, it causes the death of the cell. The formation of free radicals due to positively charged ions from Silver Nanoparticles and modulation of microbial signal transduction also causes immediate extermination of the cell. Thus, using these two agents in combination, ARGESIL eradicates both Gram negative and Gram positive bacteria even at a relatively lower concentration and in a short treatment time.

ARGESIL kills up to 99.999% harmful and infectious microbes in just one use, in mere 5 minutes.*

*Refer the Efficacy Study Report as per EN 1276 Guidelines.

ARGESIL Sterilizes, Disinfects, Sanitizes, & Deodorizes.

"Delightfully Predictable!"



Removal of Biofilm

Biofilms are responsible for chronic illness and nosocomial infections, industrial pipe fouling, spoilage of foods, contamination of seafood and dairy products, as well as ship hull fouling. Some of the human diseases caused by bacterial biofilms-associated infections are wound infection, osteomyelitis, chronic sinusitis, central nervous system shunt infection, contact lens-associated keratitis, chronic otitis media, cochlear implant infection, burn-related infection, intravascular catheter infection.

ARGESIL is extremely effective in the removal of Biofilm, in just one use.*

*Refer the Efficacy Study Report as per EN 1276 Guidelines.

"Delightfully Predictable!"



The power of Nanotechnology

ARGESIL utilizes the attributes of Silver Nanoparticles. Its unprecedented antimicrobial efficacy, while at the same time functioning without chemical residue and with a minimal toll on the environment, is owed to the application of nanotechnology to a 'noble metal.'



"Delightfully Predictable!"

Science & Sensibility



At **ARGENOBËL**, we believe that the best sciences are those that 'leave' without leaving behind the vestiges of their aftermath.

The choices that Nanotechnology allows us will do good to the planet – it may, one day, eliminate the plastic in a whale's belly. It will perhaps help us flight climate change. It will possibly make the engine-oil changes over the lifetime of your car, count to one! The ARGËSIL range of products have been created with the same aspiration.

"Delightfully Predictable!"



The ARGESIL range



Medical

For disinfection of Operation Theatres, Immerse Medical Devices, Surgical Devices, Laundry Bed & Pillow Linen, Pathological Consumables, Catheters, etc., Hospitals, Clinics, Nursing Homes, Pathology Labs, Imaging Centre, Blood Banks, Veterinary Hospitals, & Clinics.



Pharma

Use for disinfecting, sterilizing and sanitizing Cleanrooms, Process Equipment, Water Storage Tanks, Air Handling Filters, Utilities, Purified Water systems, D M Water Resins, Biofilms in Pipes, Fittings, & Ducts, etc.



Home

Highly recommended for spraying over Fruits, Vegetables, Meat, outer packs of Parcels, Kitchen, Washing Sink, Living Room, Carpets, Floors, Storage Room, Toilet-Washrooms, Water Storage Tank, Under-ground Water Storage Tank, Cupboards, Air Conditioner Filters, Aquaguard Tubes, etc.



Agro

Highly recommended for the disinfection of the entire Watering System – like Drip Line Systems, Irrigation Systems, Spray Systems, Silos, Hydroculture, Gutters, etc.

Our Manifesto

We walk with a science that has discovered its true purpose.

It solves a problem and, for once, desists from creating another.

A world better than we found, it brings forth - *now, and through us.*





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RECOMMENDED

