

ARGESIL

**Welcome well-wishers
into your home.
Not microbes.**



We owe our homes.

"Stay home. Stay safe." Our times with COVID-19 made that phrase mean so much. We made our homes our makeshift offices and schools; they have protected our loved ones and us; they have held us together.

We are stepping out of the pandemic with lessons well learnt: We cannot drop our guard. We can never turn a blind eye to infections. And we must make our homes the safest places to be in. Let's ensure that the only surprises that come past the doorstep are the pleasant ones. Let's make the infection control in our homes better and predictably surefooted.



By 2050, antimicrobial resistant infections may become the leading cause of illness.



We are entering a post-antibiotic era where simple and previously treatable bacterial infections can become fatal. Routine medical procedures that rely on antibiotic preventive treatment may become untenable.

Use of chemical-based laundry detergents, toxic chemical floor-cleaners, room-fresheners, chlorine-based toilet cleaners, etc., can lead to chemical contamination at homes, leading to health and wellness issues due to microbial reactions and chemical induced nausea and allergies.

The cures will have to re-invent themselves. Till then, prevention and living in infection-free environments will become important for a disease-free life.

Presenting,

ARGESIL

Nanotechnology based Broad-Spectrum Disinfectant

- 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
- Biodegradable
- Alcohol-Free

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

"Delightfully Predictable!"



Technical Datasheet

Argesil is a highly recommended multipurpose disinfectant for use at Home, Residential Surroundings, & Play Areas. It maintains the highest level of health, hygiene & safety standards for Infants & Pets. It protects from dangerous bacteria, viruses, fungi, and other serious illness causing microorganisms.



Composition:

Hydrogen Peroxide 12.5% w/v,	- Efficacy Tested in NABL accredited lab
Silver Nanoparticles 0.0125% w/v,	- Recommended by WHO, EPA, CDC & ICMR
D M Water q.s.	- Manufactured in GMP certified facility

Applications:

Surface disinfection, Aerial fumigation, Water Storage Tank Disinfection, Disinfecting Air Conditioner Filters, Kitchen Utensils, Wiping Doors, Handles, Table Tops, Various House Hold Appliances & Swimming Pool.

Direction for Use: Dilute Argesil in Clean Water

Aerial Fumigation – 1 part in 10 parts water

Surface & Floor disinfection – 1 part in 20 parts water

Water & Air Filters – 1 part in 24 parts water

Swimming Pool - 1 part in 2500 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.

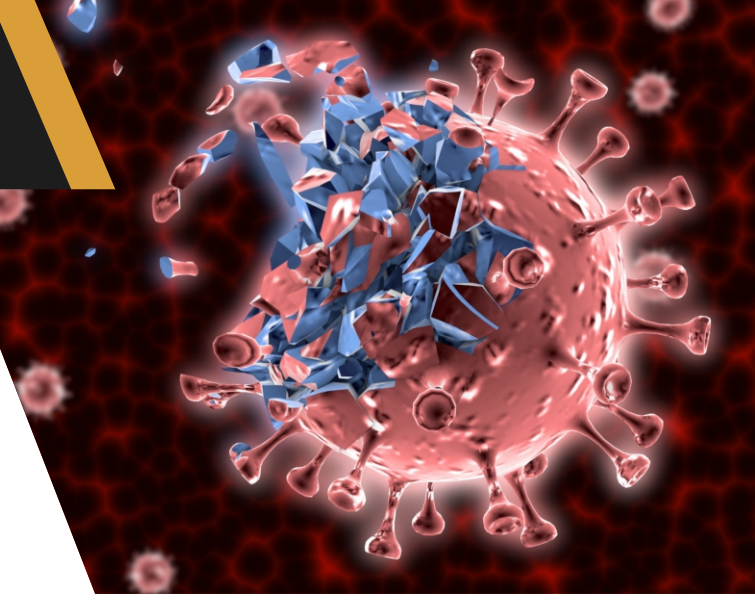
First Aid: Wash the affected part with ample water or take medical assistance in case of severe injury/exposure.

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.

'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 biofilms, in just one use.*

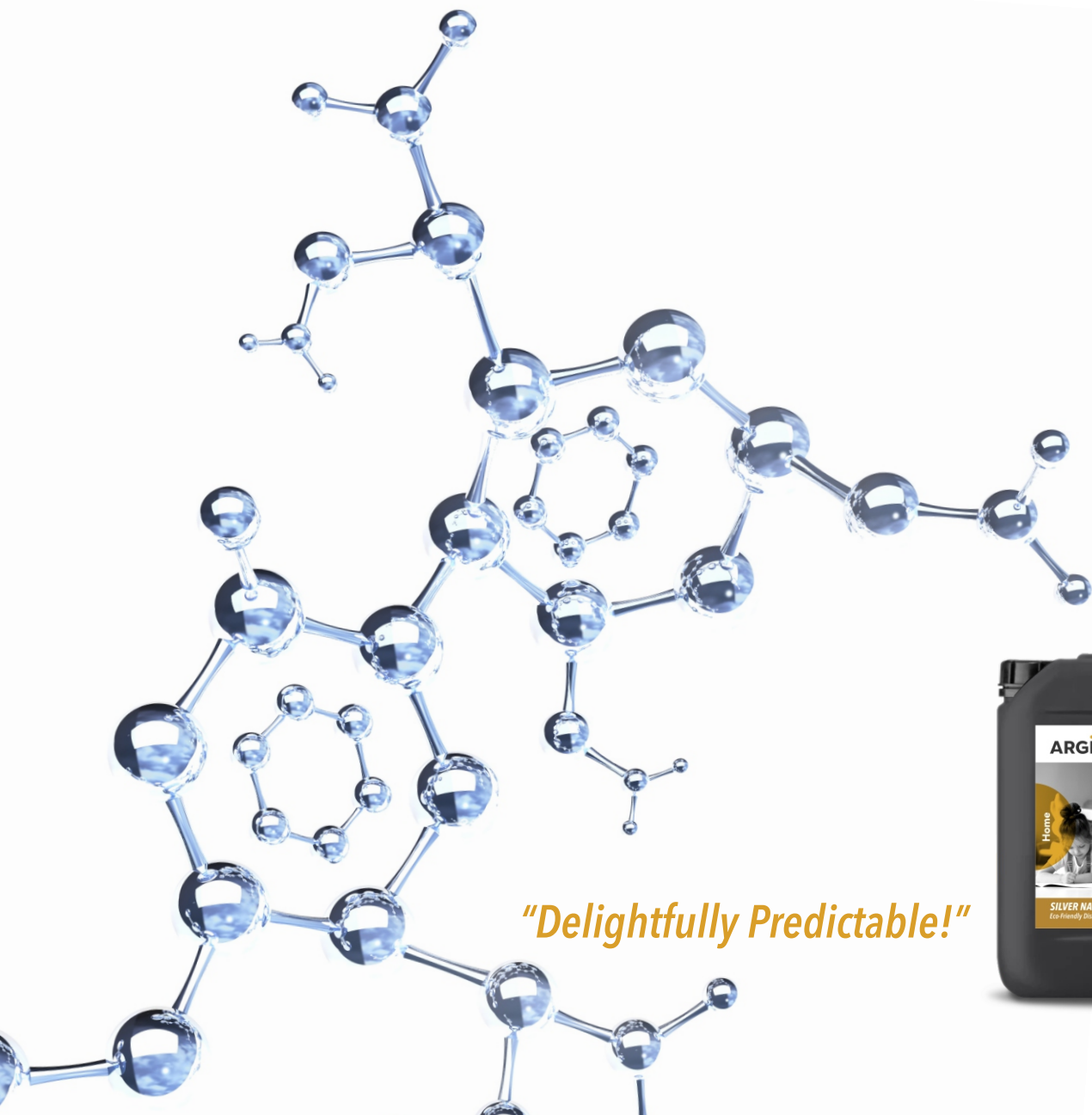
*Refer the Efficacy Study Report as per EN 1276 Guidelines.

"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 fight climate change. It will possibly make the engine-oil changes over the lifetime of your car, count to one! The ARGËSIL range of our 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, Bio-films in Pipes, Fittings, & Ducts, etc.



Professional

ARGESIL is a highly recommended multipurpose disinfectant for use in areas with high footfall. It maintains the highest level of hygiene & safety standards while protecting from dangerous bacteria, viruses, fungi, and other serious illness causing microorganisms.



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.*



ARGENOBËL
science & sensibility



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RECOMMENDED

