



bactakleen[®]

PRODUCT CATALOGUE

ABOUT US

excelsia
technologies

BACTAKLEEN was first introduced in 2008 with the aim of improving the air that we breathe. Everyone talks about dust and pollution in the air but no one talks about bacteria and fungus in the air especially when coming from the air conditioning system.

The simple fact remains that the air conditioning system harbors millions of bacteria and fungus spores that are harmful to humans and regularly is a catalyst to spread illnesses. The traditional way of cleaning air conditioning systems are focused on removed physical dust and dirt but no one has even considered cleaning the air conditioner to remove bacteria and fungus.

In countries that have humid conditions the bacteria and fungus growth are much greater and pose a greater threat to the health of the occupants in the building or the car. Problems such as Legionnaires disease are particularly common in humid environments where the moisture promotes the breeding of bacteria and fungus. All air conditioners have this inherent problem and prior to the introduction of Bactakleen's Ultra Mist there was no proper solution to treat this problem.

Bactakleen's non-toxic proprietary technology is the first in the world to provide an adequate solution to provide cleaner air in an air conditioned environment. Tested by world recognized laboratories such as SGS and TUV, Bactakleen's Ultra Mist solution is proven to kill 99.99999% of bacteria and fungus.

The delivery method works extremely efficiently to get into every nook and cranny of the air conditioner system and kill the bacteria and fungus with the added benefit of killing bacteria and fungus in the room or the car cabin together. This delivery method saves time and money as one application will cover a wide area. Unlike traditional spray and wipe applications which cannot reach many tiny or obscure places, the Ultra Mist will float to the tiniest of crack and is able to penetrate fabric and porous surfaces to kill bacteria and fungus. Bactakleen's Ultra Mist is also tested by Chemlab for durability. It was proven by Chemlab that after 1 treatment using Ultra Mist, the bacteria and fungus will only start to grow back at a much reduced rate after 2 months.

Since the introduction of Bactakleen's Ultra Mist the expansion and recognition of the product and brand has gone from strength to strength.

bactakleen®

 BACTAKLEEN

 www.bactakleen.com

 BACTAKLEEN ANTI-BACTERIAL SYSTEM OFFICIAL



bactakleen®



ANTI-BACTERIAL TREATMENT SYSTEM



BACTAKLEEN ULTRA MIST SOLUTION is developed specifically to be used only with the Ultra Mist Machine. It instantly kills up to 99% of bacteria and mold spores in the air conditioning system.

BENEFITS:

- Kills 99.9% of the bacteria, mould and fungi.
- Reduces the spread of Influenza such as H1N1, SARS and the common cold.
- Improves air quality and reduces bad odour.
- Helps individuals with existing respiratory conditions such as allergies, multiple chemical sensitivity and asthma to breath better.
- Removes build up of bacteria colonies.
- Safe, non-toxic and environmentally safe.
- Improve air-conditioning efficiency, thus reducing your electricity cost.
- Flexible application techniques customized to your needs.
- Provides immediate and long term protection against bacteria and viruses.
- Clinically test proven by Chemlab, TUV, SIRIM and SGS.

APPLICATIONS:

Bactakleen is applicable to all industries below:

- Automotive
- Homes and Offices
- Industrial
- Education
- Medical
- Fitness and Well-being
- Food and Beverage
- Shopping and Retail
- Hospitality
- Entertainment and Recreation
- Tourism and Cultural
- Transit
- Non-profit Organisations



Demo



**ANTI
FUNGAL**



**PLEASANT
SCENT**



**REDUCE
ODOUR**



**LONG
LASTING**



**ANTI
BACTERIAL**



**NON
TOXIC**

BACTAKLEEN TECHNOLOGY:

Combining the best of today's technology from Japan and USA, Bactakleen is a complete anti-bacterial treatment that is customizable, yet affordable. This combination encompasses:

1) Ultra Mist Fumigation:

An innovative fumigation device to atomize our concentrated anti-bacterial solution into an ultra fine mist containing hundreds of millions of microscopic "nano-sized" cleaning particles.



aerosol droplet
40 μm - 100 μm



Nano sized droplet
less than 10 μm

μm = micrometer or micron
(1 millionth of a millimeter)



Nano sized droplet
expands when atomized



Common yeast, Mould and
Bacteria growth found in cars



ELIMINATES BACTERIA AND FUNGUS, LONG LASTING EFFECT



BB **BACTAKLEEN BACTASHIELD BASIC** is a non toxic water based anti bacterial and anti fungal spray that will eliminate up to 99.99% of bacteria and fungus on any surface. Bacteria and fungus spores will die with immediate contact with any treated surface. One spray on the surface will last up to 3 months for long term protection. Bactashield Basic is completely transparent and odourless and is 100% safe on any surface.

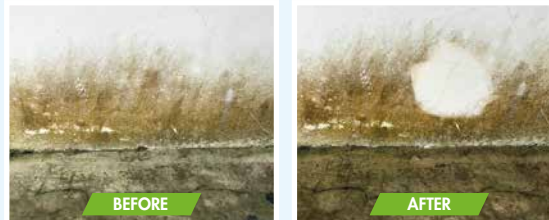
AREA OF APPLICATIONS:

- Toilets.
- Bedrooms.
- Kitchen.
- Air-cond Vents.
- Vehicles.
- Switches.
- Equipment.

BACTASHIELD USED ON SCHOOL DESK



BACTASHIELD USED ON THE WALL



Demo



ANTI FUNGAL



LONG LASTING



ANTI-BACTERIAL



NON-TOXIC



PROTECTION AGAINST BACTERIA AND FUNGAL GROWTH, LONG LASTING EFFECT

BU

BACTAKLEEN BACTASHIELD ULTIMATE is a semi permanent anti bacterial and anti fungal coating that adheres to the surface for up to 1 year to protect it against bacteria and fungal growth to reduce cross contamination and destroys odours caused by bacteria and fungus. Bactashield Ultimate when applied forms a transparent protective layer coating that will kill bacteria, fungus and viruses with the presence of light.

AREA OF APPLICATIONS:

- Toilets, toilet floors, urinals, sinks, taps, door handle, hand rail, supermarket trolley, kitchen counter tops, children's toys in public play areas and many more.

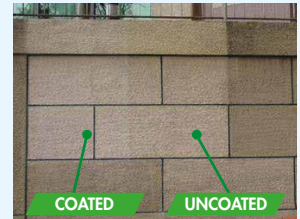
BENEFITS:

- Sterilizing Effect.
- Deodorizing Effect.
- Air Purifying Effect.
- Self-cleaning.

SWAB TEST ON TOILET BOWL



SELF-CLEANING EFFECT ON WALL



ANTI FUNGAL



ANTI BACTERIAL



REDUCE ODOUR



LONG LASTING

WORKS TO KILL BACTERIA, FUNGUS, VOC AND FORMALDEHYDE



BACTAKLEEN ANTI VOC is an active sterilizing solution that works to kill bacteria, fungus, VOC and formaldehyde. Anti VOC works on solid and porous surfaces to provide a long term sanitizing and deodorizing effect. It is ideal for painted walls, new furniture, table tops, car interior and many other surfaces that produce VOC or bacteria colonies or fungal/mildew growth.

AREA OF APPLICATIONS:

- Anti VOC is particularly useful for newly made furniture, newly renovated homes or newly formed plastic components which often release VOC.
- Despite the usage of low VOC paints in homes, there are still a small amount of VOC that can potentially harm the occupants.
- For car, plastic components on dash board, adhesives use in parts assembly also release harmful VOCs into the vehicle cabin.
- Casino, KTV, bars or pubs where tobacco smoke is a problem. Anti VOC will reduce the effects of tobacco odours.



ANTI-BACTERIAL



DURABLE



LONG LASTING



NON-TOXIC



SAFE TO USE



ECO FRIENDLY

ANTI VOC



HERBAL HAND SANITIZER



PROVIDE SAFE ANTI BACTERIAL AND ANTI VIRAL EFFECT

HS

BACTAKLEEN HERBAL HAND SANITISER is specially formulated for children and pregnant ladies in mind using only proven herbal extracts to provide powerful but safe anti bacterial and anti viral effect.

BENEFITS:

- Moisturizes Hands.
- Herbal Formula.
- Chemical And Alcohol Free.
- Suitable For Children And Pregnant Ladies.

FLAME TEST



ANTI BACTERIAL



NATURAL



NO ALCOHOL



NON TOXIC



NO PERFUME



NO CHEMICAL

WORKS AGAINST BACTERIAL, FUNGAL AND CHEMICAL ODOURS

OK

BACTAKLEEN ODOUR KILLER is a non toxic water based deodorising spray that eliminates foul odours associated with bacteria. Manufactured using nano technology Bactakleen Odour Killer is formulated using green tea and citrus extracts. It works effectively against bacterial odours such as urine, fecal matter, rotting food, vomit odours, cigarette smoke as well as chemical odours such as adhesive or paint odours. Odour Killer can be sprayed into shoes and can be used on hard surfaces such as furniture, walls, door handles, faucets, toilet seats, etc.

AREA OF APPLICATIONS:

- Home, Hotels, Cars, Airplanes, Bus, Ships, Shoes, Helmets, Race suits, Gloves, etc.



**INSTANT
RESULT**



ANTI STAIN



**REDUCE
ODOUR**



FLEXIBLE USE



**GERM
BUSTER**



WORKS EFFECTIVELY AGAINST GERMS

GB

BACTAKLEEN GERM BUSTER is tested to be effective against Escherichia Coli, Pseudomonas Aeruginosa, Staphylococcus Aureus, Salmonella Choleraesius, Enterobacter Aerogenes and Legionella Pneumophila.

AREA OF APPLICATIONS:

- Toilets, Bedrooms, Kitchen, Air-cond Vents, Sports Equipment, Vehicles, Switches, Equipment, Faucets

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