



Product overview

Horeca eco-hygiene
Cleaning products

The ProBiotec® company

Probiotec® is a Dutch company that produces purely natural, next-generation cleaning products and solutions of highest standards. By using top-notch biotechnology know-how and years-long research and development, our mission is to minimize the pollution footprint by providing cleaning solutions without added chemistry. The quality of all our products is also in line with the changing national and European legislation and the increasingly demanding norms and regulations – to clean with products that are no longer based on chemicals as they have negative impact on people and the environment. Our company has a very strict policy for sustainable manufacturing and implementation of the principles of circular economy and industrial ecology: maximum recycling, minimum waste creation, clean manufacturing inputs and positive effect on people and the environment.



100% ecological cleaning products - 100 + benefits

Our probiotic® cleaners are 100% environmentally friendly. Some products do contain fragrance and colours but these are also of natural origin. All Probiotec® liquid products are based on Cat.1 EU positive probiotic® bacteria and as such are completely safe for the people and the environment – they are completely bio-degradable, non-pollutant, non-abrasive, non-flammable, non-biocidal and safe for use in food-contact environments.



Environment protection

The traditional way of production of cleaning products includes use of chlorine, sodium, various acids and other hazardous components that have long-lasting negative effect on the environment. With our products you can now safely clean on a daily basis in an environmentally-friendly way. Our products are not only harmless to the environment, but also supportive in its regeneration-once they end up in the drains, they have environmentally-healing effect (e.g rise of oxygen level in waste waters).



Family protection

Now you can stop using chemical cleaners or disinfectants made of chemical substances that have adverse effects on people. Chemical cleaning agents that we use everyday contain variety of ingredients with heavy-duty chemical, physical and possibly toxicological properties and can lead to irritation of the skin and inhalation tract, hypersensitivity or even sickness in people.

On the other hand, our organic cleaning products do not have these adverse effects- they are natural, biological, vegan, completely bio-degradable, anti-allergenic and non-irritant to skin.

EU Ecolabel

The European ecolabel is a quality mark that is awarded to products or services that are less harmful to the environments than qualitatively comparable ones. Although we have also applied to get the ecolabel, our internal standards are higher.

So we go two steps further. Our products do not disturb the environment at all-they render it hygienically stable and contribute to its quicker recovery. This has been conclusively proven by us through commissioning third-party testing, university laboratory reports and by the Flemish environmental society. These reports are available to professional users and distributors upon request.

The power of nature

The power of nature, where we find our micro-organisms cannot be neglected. For years nobody was interested to actually invest in this and explore the power and benefits of micro-organisms as they were the very first forms of life on the planet. By investing in research and development we were able to identify and isolate those nature-given micro-organisms that have specific properties to render the environment clean and replace the bad bacteria.

Operation:

For millions of years people have been living alongside bacteria that actually, also keeps them healthy. Only the bad/pathogenic bacteria make people sick. What is then the best way to combat bad bacteria and what are the best solutions for this?

How ordinary chemical cleaners with anti-bacterial properties work: These products kill (as indicated on the product labels) 98% of ALL bacteria that are present in the environment. That means they imbalance the environment. But within 30 minutes after cleaning, more bad bacteria can be found then before the cleaning! This is because bad bacteria become easily resistant to the chemical content and they re-populate the surface.

How Probiotec® cleaning products work:

When using Probiotec® products, no bacteria (bad or good) are killed. Just the bad/pathogenic bacteria (such as Salmonella, Escherichia coli, Pseudomonas aeruginosa, Candida albicans, Staphylococcus aureus, Aspergillus niger, MRSA, etc.) are neutralized and removed by means of competitive exclusion and large number of good bacteria reducing and replacing the bad ones. We have received conclusive evidence from research done at universities that up to 95% of bad bacteria has disappeared after just 1 week of use of the products. The tested surfaces were not re-populated by bad bacteria due to the protective layer formed by our cleaning products.

Usage of our bacteria:

- Odor control, Fats, Oils, Lime, Rust
- Organic substances, Proteins
- Urine, Ammonia



Environment

Probiotec® has the objective to protect and restore nature.

In this way we want to build a world in which people live with respect and in harmony with nature.

We strive to produce 100% organic and CO2 neutral.



Hand hygiene

With daily use of the hand soap, bad bacteria have no chance!

Packages

All our packaging is recycable, such as stickers, bottles, everything. However, we go even further and promote our cardboard refill packs. Even for carwash-pro lines, we only deliver in cardboard packaging.



Eco-hygiene and bio-protection at all times

Let us introduce the new, cutting-edge, biological hygiene products for the Horeca industry that causes no adverse health effects on people and makes no additional pollution to the environment. By using only natural resources, we design products that reduce waste, cut energy use and make positive contribution in reduction of the carbon footprint.

All our Horeca cleaning products are free of chemical additions, completely biological, organic, vegan, food-contact compliant, safe, non-allergen, non-toxic, non-abrasive and provide anti-bacterial protection after their application. It is not necessary to use gloves or protective equipment during their application. The products contain active substances (microorganisms cat.1 EU) and can not be overused.

Added value to microbial food safety

The quality and safety of food-processed products are among the most important factors influencing consumer choices in modern times. A huge role in food safety is played by a good anti-microbial hygiene and protection. Therefore the food and hospitality industry are in need to seek out more effective methods to reduce undesirable changes in foods associated with food processing and storage, such as loss of color, flavour, texture and aroma. To this end, we have focused our research towards natural methods of inactivation of most common pathogens found in and around the food industry (kitchens, food storage facilities, restaurants, toiletries etc.).

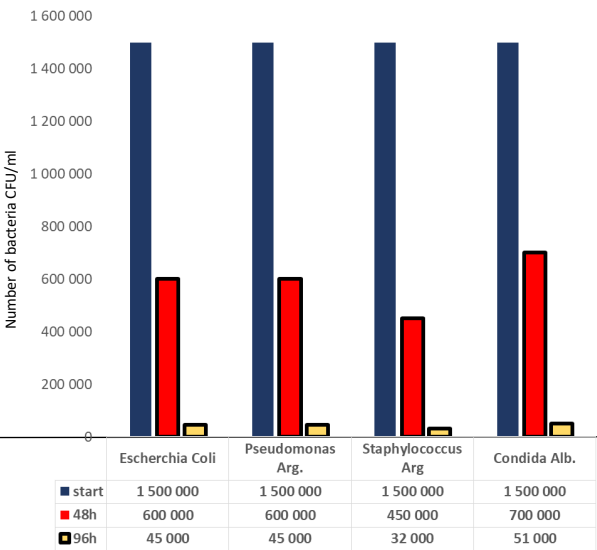
Effective cleaning and protection

By eliminating the biofilm produced by the bad pathogenic bacteria on hard and soft surfaces, our Horeca cleaners are able to neutralize all of the common pathogens (bacteria, viruses and fungi) on a micro-level and provide long lasting protection up to 30 days after the treatment. *Important:* Surfaces should not be treated with other chemical cleaners as they may hinder the potency of the biocleaning and lower their after-protection!

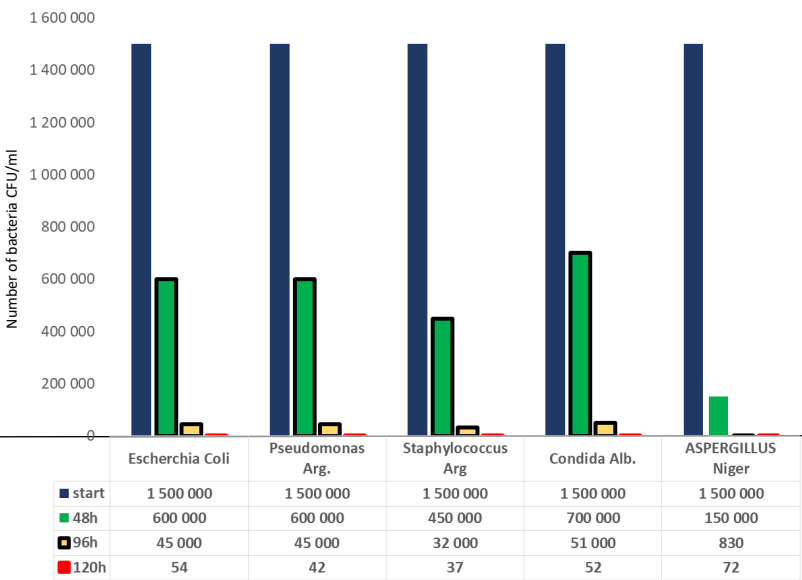
Immediate efficiency

By utilizing high-level scientific testing, we are able to follow the action of our products therefore providing the best possible quality to our customers. Bellow is our example of a test of our multicleaner and its action against the most common pathogens:

0-20 min cleaning protection test efficiency of Probiotec Multicleaner



5-days 1 time/day cleaning protection test efficiency of Probiotec Multicleaner





Become a Probiotec® partner and make the world green



Global outreach

Local business opportunities

Because of the ever-increasing demand for green cleaning solutions, Probiotec® is operating globally with deliveries made to certain national or regional markets using partnerships or distributors.

In some countries we do not have a partner/distributor yet and would therefore welcome interested parties to contact us at corporate@probiotec-world.com for further details about the distribution / sales possibilities.

C O R P O R A T E G R E E N

Green cleaning – latest market trends

The “greenification” of cleaning does not concern only home cleaning. In fact, the estimated volume of professional cleaning products used in the EU28, Norway and Switzerland is estimated at 590 000 tonnes of product per year, with an estimated value of €886 million. Office cleaning dominates, representing 50% of the turnover.

Main-streaming green cleaning

People are getting more aware about the problem - they first spend eight hours in their offices and then the rest at home. If both the office and home are cleaned with chemicals, that means the human body needs to fight chemicals 24/7. Instead, people are deciding more towards green alternatives and are therefore putting their interest into green cleaning, both for home and official use.

Therefore, EU is suggesting (Commission's Communication "COM (2008) 400) the implementation of it's Green Public Procurement policy whereby they advocate the use of less harmful, green cleaners that satisfy current ecological criteria for both indoor and outdoor cleaning of public spaces.

All products of Probiotec® satisfy the most strict requirements for green cleaning and can be used by corporate clients to organize or provide the green cleaning services in the most environment-friendly way, with less waste, chemicals and water.

Green under private label

The aim of Probiotec® is that more and more people and companies use green cleaning products. Therefore, we can organize production of green cleaning products under a private label depending on the business model of our customers.



Our products



Textile and Interior cleaner

For all interior surfaces such as furniture, upholstery and chairs. No stains just gains. Ready-to-use product
Available in 250 ml, 500 ml, 5 Liters
100% biological effect



Kitchen cleaner

Green kitchen means healthy food and loyal customers. For all hard and soft kitchen surfaces: worktop, stove, sink etc.
Ready-to-use product
Available in 500 ml, 1liter & 5 liters



Multicleaner

Multipurposed efficient but gentle on all surfaces. Play safe and clean.
Ready-to-use product.
Available in 500 ml, 1 & 5 liters



Sanitary cleaner

Say goodbye to all invisible bacteria in the next two weeks. Shine & bright in the bathroom.
Ready-to-use product
Available in 500 ml, 1 & 5 liters



Window cleaner

Makes the windows transparent again. Neighbours will be jealous.
Ready-to-use product.
Available in 500 ml & 5 liters



Hand soap

Nature in your hands. Nothing more. Soft touch makes more friends.
Ready-to-use product
Available in 500 ml & 5 liters



Floor cleaner

Get shiny hard floors free from bacteria and microbial contaminants. Pets and guests friendly.
Available in 500 ml, 1 & 5 liters
100% biological effect



Degreaser

Degreases all stubborn dirt with ease. Spray over abundantly, wait and mop off. Easy but strong for the stove, oven, bbq, etc.
Ready-to-use product
Available in 500 ml, 1 & 5 liters



Unblocker

Runs where others stop. Get the extra mile. Works in plastic and metal drain pipes, anti-abrassive.
Ready-to-use product
Available in 1 & 5 liters



Inox cleaner

Adds more natural shine, non-abbrasive to skin and surfaces. Removes all organic contamination on metal & stainless steel surfaces.
Ready-to-use product
Available in 500 ml, 1 & 5 liters



Toilet gel

Organic gel-cleaner for maintenance of the toilet and sanitary areas. No gloves needed.
Ready-to-use product.
Available in 750 ml & 5 liters.



Natural stone cleaner

Deep-cleans all natural stone floors and marble surfaces. Leaves no stains or discoloration.
Ready-to-use product.
Available in 1 liter & 5 liters



All of our products are generally non-irritant, anti-allergenic, Ph neutral, fully bio-degradable, non-biocidal.
100% natural, organic, vegan product that is food-contact compliant. (EU cat.1).



Odor remover

Fights all odors in their roots.
Ready-to-use product
Available in 500 ml, 5 Liters



Air conditioner cleaner

For maintenance of air conditioning and air ducts.

Ready-to-use product

Available in 500 ml & 5 liters



Anti tobacco

Don't be afraid from smokers anymore.

Ready-to-use product

Available in 500 ml, 1 & 5 liters



Hand spray

Your new invisible gloves. Be yourself everywhere.

Preserves skin moisture.

Ready-to-use product

Available in 250 ml, 1 & 5 liters



We also have a zero% line.

This means that no fragrance and colorants have been added to the product. These products have a completely natural origin. You can buy these products on request

Biological FAT treatment system for kitchens



Bio-Tank

100% organic fat remover efficient for all types of grease tanks.

Available in 5, 20 & 200 liters

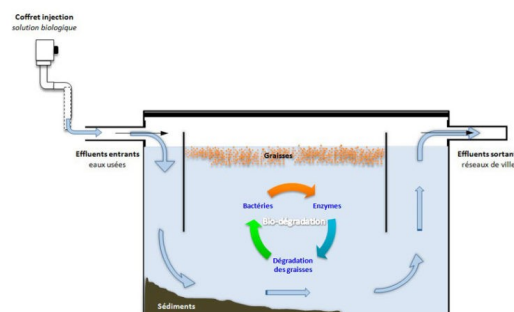
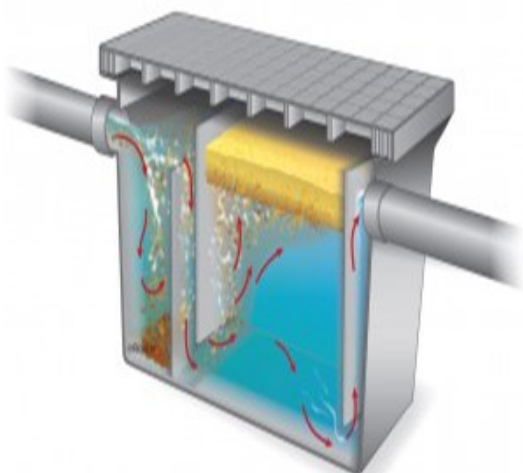
Biological treatment system

BIO-Tank is the last generation of biological treatment systems of grease traps. This system consists of a broadcast system allowing discontinuous oxygation and coupled to the programmable automatic seeding grease traps



Dosing pump

This pump regulates the correct amount of probiotec product in the grease tank



This technology allows the complete disappearance of grease deposits and odors present in all types of tanks or septic tanks



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www.probiotec-global.com

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