

**Ecovio Multipurpose Spray safely cleans all surfaces around the Home & Office as well as general areas that need to be cleaned.**

- Organic multi enzyme formula
- Breaks down the fats, oils and grease that bacteria feed on.
- Safe on any surface that can take water.
- Eliminates Foul Odours at the source.
- Gentle for Allergies, Asthma & skin irritations
- Suitable for all surfaces - Floors, walls, Glass, Stainless steel, Tiles, range hoods, BBQ's, Bench tops.

### Features / Benefits

- pH Neutral – No Palm Oil
- Soap Free Formula – Septic safe
- Contains no caustic ingredients – No Ammonia, No Chlorine
- General wiping down of surface is only required.
- Product does not contain soap and will not streak on any surface. No residue left behind.
- Can be disposed of down drains, enzyme will carry on breaking down organic matter in all sinks.
- Cleans: grease, dirt, wine, coffee, soda & juice stains, leaving no residue.
- Deodorises by destroying the organic matter causing odours, rather than just masking them.
- Assists the natural bacteria in septic tanks to break down material.
- Eliminates biofilm (see overleaf for details).

### MULTIPURPOSE SPRAY

*Safely clean all surfaces including:*  
countertops, wooden benches, cooking areas, range hoods.

The enzymes in our Multipurpose Spray break down oily film and grime buildup into their basic elements. Carbon, hydrogen and other elements readily integrate with the environment instead of polluting it. Even fingerprints, cigarette smoke buildups, bug juice, road tar and coastal salt simply fall apart when our enzymes break down the organic bonds that holds them in place. No VOC's because there is no alcohol or ammonia.

**Use:** Spray, wipe with clean cotton or microfibre cloth.

**MATERIAL DATA SHEET:** Available on website. [www.ecovio.com.au](http://www.ecovio.com.au)



Australian Made



Eco Friendly



Plant Based



Not Tested on Animals



Vegan Friendly

### AVAILABLE IN



750 mL



5 L



10 L



20 L



# ECOVIO

## NATURALLY CLEANS

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# MULTIPURPOSE SPRAY

## How to use

Shake well. Simply spray affected area with Ecovio Surface Spray. Wipe down with clean cloth. For heavily soiled areas, spray surface. Wait 2-5 minutes for enzymes to break down fats, oils and greases. Wipe down with clean cloth.

## Concentrate

General Cleaning: Dilute 1 part Enzyme to 10 parts water (ratio 1:10) into refillable trigger spray bottle.

Heavy Duty Cleaning: Dilute 1 part Enzyme to 5 parts water (ratio 1:5) into refillable trigger spray bottle.

Multiple applications may be necessary for old or heavy deposits.

## Important Information

For new surfaces use the dilution rates outlined on the packaging and follow general cleaning instructions.

For surfaces or areas that are badly soiled, mix a 1:1 solution and then scrub the surface with a soft brush, not a hard brush as the bristles won't get into the grouting because it is lower than the surface of the tile.

In hard to reach areas of a surface or anywhere in a general area, spray the surface cleaner onto the area and wipe down. The enzyme solution should soften and all that is needed should be to wash the area down with water.

Do not mix the Surface spray with any bleach or oxidisers as this will de-activate the enzymes.

It is also recommended that when starting to use the Surface Spray for general cleaning, use new micro fiber cloths and any other brushes or equipment you use, as there may be residual soap and or scum on the cloths or on the brushes.

In hard to reach areas ( under counters or equipment one can just spray the Surface spray into the area for a couple of days. When the organic matter softens wipe down with mop or cloth.

## Bacteria are smarter than you think

All bacteria have automatic mechanisms by which they adhere to surfaces and to each other.

They form communities and secrete a protective layer of biofilm around them as a defensive measure.

Hidden behind this protective layer, they are able to feed and multiply.

## Biofilm - What you need to Know

Biofilm is a collection of bacteria encased in extracellular polymeric substance (EPS), more commonly known as slime.

This slime forms on surfaces and builds up over time, allowing pathogens to flourish and leading to contamination.

Many industrial companies struggle with biofilm. Build-up and subsequent contamination can occur on any type of surface, often including food production machinery, membrane filters, and pipes, to give just a few examples. The slime is a problematic and unpredictable source of contamination that is very hard, if not impossible, to remove with traditional cleaning chemicals.

Although various methods are used to attempt to control biofilm, they are not without limitations. Aggressive chemicals such as caustic soda and bleach are often used, but they do not provide very good performance and, at the same time, corrode materials and machinery, endanger users, and negatively impact the environment.

Fortunately, a more efficient, safe, and environmentally friendly option is available – enzymes.

## A two-step, Multi-enzyme method

Using an easy two-step cleaning procedure comprising a Multienzyme mix based on enzymes followed by a biocide step is an efficient way to rid surfaces of biofilm.

The enzymes act specifically on the EPS that forms the structure of the biofilm, degrading it and allowing the detergent to remove the biofilm. This enables the subsequent disinfectant step to reach all the way down to the exposed bacteria and kill them.

## A complementary solution

Some companies are afraid that switching to this enzymatic solution will mean that they need to completely change their cleaning regimen, but this is absolutely not the case. Actually, the solution is complementary to a company's current cleaning procedure; it only needs to be used periodically to keep the biofilm under control.

Biofilm is notoriously difficult to deal with – Enzymes are the Solution



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