

General Information about the MB-ActiveCleaner

What does the MB-ActiveCleaner achieve?

The (*MicroBiological*) **MB-ActiveCleaner** is the perfect accompaniment to URIMAT Waterless Urinals. It not only prevents “bad-odour” from developing, it also contains special biological ingredients which gently treat the bowls surface.

What is the makeup of MB-ActiveCleaner?

The **MB-ActiveCleaner** is supplied in concentrate form which is then diluted with water (at a ratio 1:20).

In concentrate form, the cleaner has billions of spores which start to develop into bacteria once mixed with water.

- **What are Spores?**

Spores are the sleepy state of micro-organisms and are therefore stable for a very long period of time, like a “butterfly” when still in its cocoon.

- **How do they develop to bacteria?**

- When **MB-ActiveCleaner** is in contact with water and with a food source like urine for instance, spores are going to germinate and grow as micro-organisms. They are able to use more and more organics as food and avoid bad odours emanating from these organics. More than just an odour control, Micro-organisms are also able to completely break down uric acid and avoid uric scale build-up.

- **And after that?**

When there is no food source available, micro-organisms revert to a spore form again, or go further along the drain line to find other food sources, or simply are not able to survive and then die.

Every Spore has 5 tribes!

Our **MB-ActiveCleaner** has 5 different tribes in the form of spore/bacteria. These tribes ensure that there will not be any odour.

They cover the organic areas: **urine, protein, fat, cellulose, and hydrates.**

All these tribes have one of these areas fully covered, but also act upon others.

Why is there no odour when I use the MB-ActiveCleaner?

The **URIMAT MB-ActiveCleaner** penetrates deep under the surface.

In our environment we have 4 different kinds of bacteria:

1. **Aerobe bacteria:** They can only exist with O² (air – above the surface)
2. **Anaerobe bacteria:** They only can exist without O² (no air – below the surface)
3. **Facultative bacteria:** They can exist with or without O² (above **or** below the surface)

All the bacteria mentioned above start to smell, when dying - they rot.

The 4th **bacteria** is also a facultative one, but these are raised on special farms, because there not common in nature.

The bacteria have the advantage that they do not rot, when they die.

We only use these special bacteria.

They dominate bad bacteria above and below the surface and eat all organic content before they collapse, without developing any odour.

The difference between disinfection and cleaning with MB-ActiveCleaner:

If you disinfect something with a chemical cleaning agent, this cleaning agent kills everything (good and bad bacteria).

But after “death”, life appears immediately again, so this style of cleaning is not an enduring one.

If you use **MB-ActiveCleaner** you start to grow a biological cover over the area which has been cleaned. This cover ensures that the cleaning is indeed enduring and that the bacteria will return.

What is “Kalkex” ?

The **MB-ActiveCleaner with Kalkex** does not only remove bacteria, it also eliminates small residues of soap, calk (*water*) or shampoo etc. .

This makes the **MB-ActiveCleaner** even more efficient in bathrooms, on walls and floors and in all other areas where you may have a cleaning issue.

Does the MB ActiveCleaner have any other advantages?

- By using a waterless urinal your problem with urine-scale will reduce dramatically and with the **MB-ActiveCleaner** you will also prevent the waste pipes becoming encrusted with organic matter.
- The cleaner contains a small amount of perfume which presents a pleasant and lasting odour in the washroom.

LOGO (English) – MB-ActiveCleaner with Kalkex

