

## FOR THE DETECTION OF BIOFILMS AND CONTAMINATION ON SURFACES

### DESCRIPTION

BioFinder is a specialized product for the detection of biofilms and contamination on surfaces in the food, pharmaceutical and restaurant industries and acts as an aid to hygiene control; it is especially recommended for open surfaces

### CHARACTERISTICS AND ADVANTAGES

- Reacts to detect the group of microorganisms attached to surfaces, so-called Biofilms
- Immediately reveals contaminated areas by simple visual inspection
- Is not considered hazardous to the environment, according to current legislation
- Formula is registered with the Spanish Patent and Trademark Office
- BioFinder has been tested on stainless steel, polypropylene and epoxy-coated surfaces.
- BioFinder has been tested on microorganisms that are most relevant in the food industry:
  - From a microbiological standpoint of food safety: those capable of generating foodborne disease outbreaks such as *Listeria monocytogenes*, *Salmonella* spp., *Escherichia coli*, *Staphylococcus aureus* and *Cronobacter sakazakii*
  - From a technological standpoint: spoilage flora that can affect food product shelf life, mainly *Pseudomonas* spp.
- BioFinder has been effective in detecting monospecies and multispecies biofilms, i.e. biofilms formed only of one type of microorganism and formed of mixtures of two or more of those species mentioned above

### PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE AND APPEARANCE	pH (100%)	DENSITY (20°C)	COMPOSITION
Orange transparent liquid	5. ± 0.5	1.05	Alcohol C12-C18 ethoxylated(3), hydrogen peroxide 5%, sodium lauryl ethersulphate ethoxylated(2), anionic surfactants < 5 %, non-ionic surfactants 5-15 %, oxygen-based bleaching agents  5-15 %, optical brighteners < 5 %, HYDROGEN PEROXIDE.

To the best of our knowledge the technical data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. Itram Higiene is not responsible for improper use of product.

## DIRECTIONS FOR USE

- Spray BioFinder gently on the surfaces at a distance of 10 to 15 cm
- Visually inspect the surface immediately following application
- A positive outcome of contamination results in the immediate production of microbubbles which produce a foaming reaction which should last at least 10 minutes, due to its viscous nature
- A negative outcome of contamination results in the absence of production of microbubbles after a time lapse of one minute at room temperature
- Finally, rinse the surfaces with abundant water

## HANDLING AND STORING

Keep container closed when not in use. Avoid exposure to direct sunlight and high temperatures (> 55 °C) to prevent thermal decomposition. Store below 20 °C, preferably at 5°C.

## RECOMMENDATIONS

Do not dilute product. Apply on surfaces after cleansing and disinfection. In case of a positive reaction, repeat sanitation procedure on the affected areas. Use it before the expiry date (2 years from the shipping date).

## WARNINGS

- Causes serious eye damage.
- Wear protective gloves, clothing and eye protection.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a POISON CENTER or doctor.
- Do not swallow.

For more information about our product, please, consult the **security file**.

## PACKAGING

500 ml in a poly bottle (a cardboard box contains 3 bottles)

Rev.: 4

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