

**BIOSECURITY**





# Who we are

**WE IMPORT AND PRODUCE  
SPECIALIZED PRODUCTS,  
MEDICAL DEVICES AND  
BIOCIDES CHARACTERIZED BY  
THE HIGH LEVEL OF  
TECHNOLOGICAL INNOVATION**

Research and innovation, ethics and marketing are an integral part of our way of operating in all sectors related to the prevention of environmental infections.

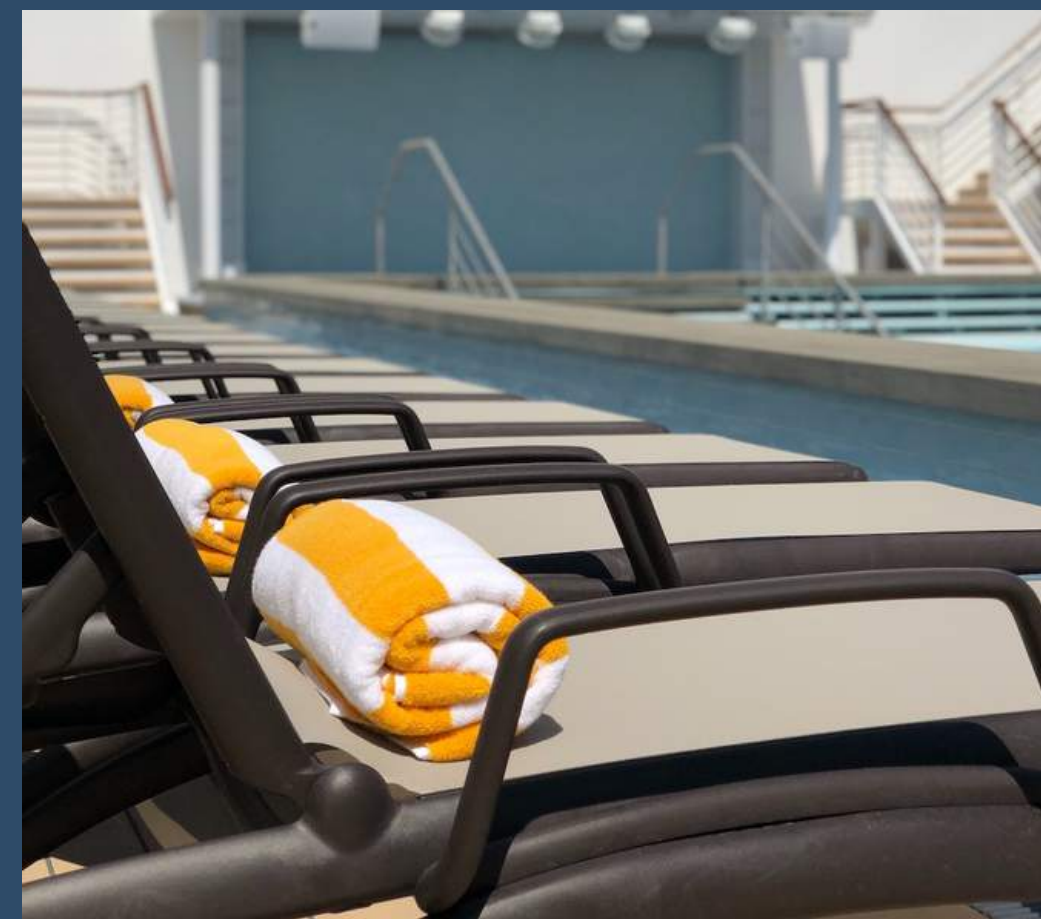
Vioxten operates in the hotel sector and it is a division of Medicaline, former Italian partner of Dupont.

Vioxten is able to provide with its products a high safety profile in the prevention of biological risk in the human, animal and environmental fields.

In order to maximize the effectiveness of its security protocol, the company guarantees a precise and punctual assistance and delivery service.



# Areas of use







# Rely+On<sup>TM</sup> Virkon<sup>TM</sup>

## BROAD SPECTRUM VIRUCIDAL DISINFECTANT

Multiple applications in all sectors

# Why use Virkon?



## The product has been tested on:

- 1) More than 400 bacterial strains belonging to 80 species
- 2) More than 60 fungal strains belonging to 20 species
- 3) More than 10 sporogenic strains belonging to 5 species
- 4) On 4 strains belonging to the Mycobacterium species
- 5) More than 60 viral strains belonging to 40 viral species

It also has the certifications EN 1276, EN 13697, EN 1650, EN 14476 e AFNOR NF 72-151 e AFNOR NF 72-171 against bacteria, fungi, spore viruses and mers of the **Coronavirus family**.

**One of the most important characteristics of the product is given by its non-toxicity and biodegradability, as the main component, potassium peroxymonosulphate, at normal concentrations of use (1%) develops an amount of Cl of 1050 ppm.**

# Chemical risk

It is identified by the risk symbol shown on the label and on the safety sheet.

LD50 (lethal dose 50): represents the quantity of a substance, per unit of body weight, expressed in mg / kg capable of causing the death of 50% of the experimental population in question.

The higher the numerical parameter is and the lower the chemical risk is, for example 4123 mg / kg is less than 2000mg / kg.

The handling of a low-risk substance facilitates the use in all sectors by operators (room - kitchen - wellness center).

# Biological risk





# Tests carried out in the food sector

- *Staphylococcus aureus* (Pathogen)
- *Salmonella* spp. (Pathogen)
- *Penicillium nalgiovense* (Alterant/useful)
- *Escherichia coli* (Pathogen/alterant)
- *Bacillus cereus* (Pathogen)
- *Listeria monocytogenes* (Pathogen)
- *Pseudomonas* spp. (Alterant)
- *Lactobacillus casei* (Alterant/useful)

# Compatibility

MATERIAL	SAMPLE WEIGHT (gr)		
	Before	After	Change %
Aluminum	11.028	11.031	0.00
Metals of cone	6.570	6.570	0.00
Polypropylene	12.572	12.577	0.00
Acetal resins	37.160	37.120	- 0.10
Nylon MNF 12115	4.411	4.415	0.10
PTFE	0.999	1.001	0.20
Polyethylene high density	0.680	0.684	0.60
Polyethylene low density	1.924	1.931	0.40
EVA	7.656	7.661	0.10
UPVC	13.072	13.042	- 0.20
PVC	13.072	13.042	- 0.20
EPDM	1.824	1.817	- 0.40
ABS	4.361	4.3636	0.00
GRP	6.159	6.161	0.00
Polycarbonates	4.859	4.859	0.10
Polyurethanes	10.057	10.079	0.20
«Viton»	3.468	3.468	0.00
«Hytrel»	2.604	2.605	0.00
NBR Nitrile	1.899	1.899	0.00
CR Neoprene	4.077	4.063	- 0.30
«Buna N»	4.777	4.777	0.00
Silicone	7.926	7.936	0.00
Red Fibre	3.070	3.116	1.50



# Areas of application







# **ENVIRONMENTAL PROFILE**



# Rely+On™ Virkon™ is concerned with the environment and health

Rely+On™ Virkon™ is not classified as R53 \* and is not persistent in the environment, according to European standard criteria for the classification and labeling of chemical preparations.

Independent studies have shown that diluted Rely+On™ Virkon™ should present no risk to wastewater treatment installations, when used according to instructions.





# **It does not impart abnormal odors, flavors or coloring to food**

The oxidizing capacity of the compound allows to eliminate bad smells with two different mechanisms. First, Rely+On™ Virkon™ neutralizes odoriferous molecules through their direct oxidation, second., destroys all the main microorganisms responsible for bad smells.

## **It is biodegradable**

## **leaves no residue**







# Contacts

**Office:**

+39 040 360470

**Mob:**

+39 346 5064535

Giovanni Cella

**E-mail:**

info@vioxten.com

**www.vioxten.com**