



HYGIIS PHARMA

VIROKYL TECH:

DISINFECTING solutions for all usable everywhere

PREBIOTICS: NATBIOTICS

NATURASOL: antimicrobial platform for tackling antibiotic resistance

VIROKYL TECH



DISINFECTING solutions for all usable everywhere

VIROKYL TECH Aerosol inactivates **99,99% of virus including SARS-Cov2 in 30 seconds**



Suitable for children
Non-aggressive



Alcohol Free



Food grade
No risk if ingested



More than 98% natural

EU NORMS

EN13727 - EN13697 - EN 1276 - EN13624 EN13697 - EN1650 - EN14476+A2

EU Norms		Type	Contact time
Viricidal	EN 14476 +A2	Human Coronavirus strain 229E	30S
		Hcov-229E	
Bactericidal	EN 1276	<i>Pseudomonas Aeruginosa</i>	60s
		<i>Staphylococcus Aureus</i>	
		<i>Escherichia Coli</i>	
		<i>Enterococcus Hirae</i>	
	EN13697	<i>Pseudomonas Aeruginosa</i>	60s
		<i>Staphylococcus Aureus</i>	
		<i>Escherichia Coli</i>	
		<i>Enterococcus Hirae</i>	
	EN13727	<i>Pseudomonas Aeruginosa</i>	5mn
		<i>Staphylococcus Aureus</i>	
		<i>Escherichia Coli K12</i>	
		<i>Enterococcus Hirae</i>	
	EN 1500	Hands artificial contamination	1mn
Fungicidal	EN 1650	<i>Candida Albicans</i>	15mn
	EN 13697	<i>Candida Albicans</i>	60mn
	EN 13624	<i>Candida Albicans</i>	60mn

VIROKYL AIR SPRAY technologies

A range of disinfectants for all places

- **VIROKYL TECH Aerosol** inactivates **99,99% of virus including SARS-Cov2 in 30 seconds**

- EN CERTIFICATIONS:

Viricidal* EN 14476 +A2

Bactericidal EN 1500 & EN 13727

Fungicidal and yeasticidal EN 13624

* tested by Institut Pasteur

A COMPLETE RANGE OF INNOVATION

Gels

100, 300, 500 ml
New 0,32 ml



Aerosols

250 ml and Spray gun



Wipes

50 per Pack



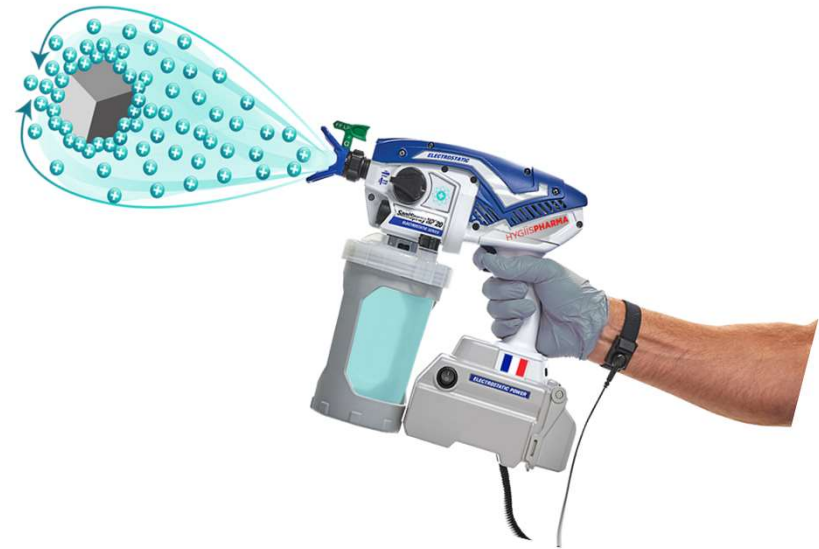
The cream

75 ml tube



VIROKYL AIR SPRAY technologies

A range of disinfectant for all places



For places where ventilation is impossible or complicated, VIROKYL TECH allows to sanitize and neutralize viruses thanks to a Spray Gun that can cover huge spaces. Its Electrostatic Technology, without gas, allows the diffusion of inaccessible surfaces. Its spray "coats" all parts of the objects

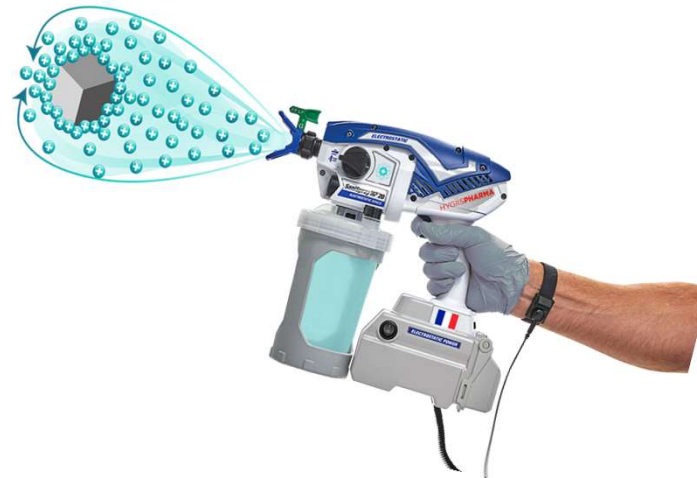
With VIROKYL TECH Air Spray is an innovative disinfecting complex. The aerosol sanitizes the air, disinfects surfaces, textiles and objects. We know that the Coronavirus is aerosolized. Its transmission is essentially by air. The respect of the barrier gestures and the ventilation of the rooms remain essential in order to fight against the propagation of the Viruses.

VIROKYL TECH Air Spray allows a real disinfection of the air, without affecting its quality. Particularly in closed spaces (Theaters, Transport, Administrations, School system, Restaurants, Hotels, Open spaces ...)



VIROKYL AIR SPRAY technologies

A range of disinfectants for all places



welcome on board!

Prebiotics: making food for the gut

Human Gut Microbiota: > 400 species of bacteria

Helping us to digest food and protecting us against diseases and infections

Prebiotic: “a substrate that is selectively utilized by host microorganisms conferring a health benefit.”

NATBIOTICS families: Non-digestible sugars

Health benefits

- GI disorders
- Colon cancer
- Osteoporosis
- Obesity
- Immune system
- Blood ammonia and cholesterol levels

Technological properties

- Improved taste, mouthfeel, texture
- Increase shelf-life
- Enable fibre incorporation in liquid foods

FOS as food ingredient

- Diabetic food
- Dietetic food
- Infant food
- Sweeteners substitutes or in combination with other sweeteners

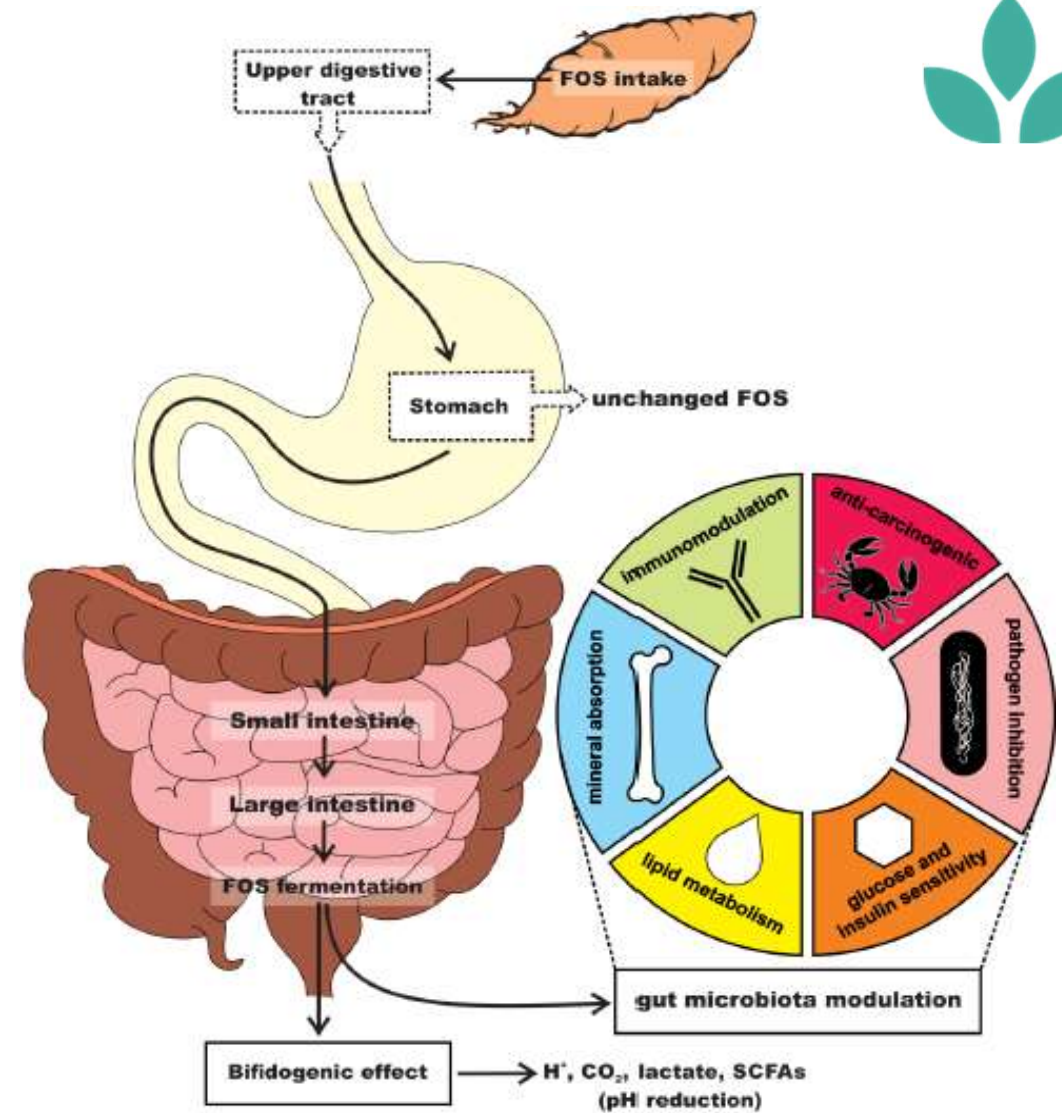


New prebiotics:

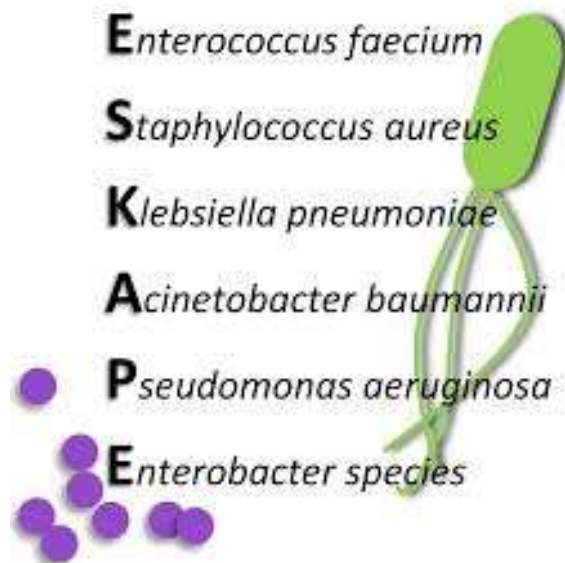
selected FOS & GOS

Other families in testing phase

Alleviating Crohn's disease
symptoms and other gut related
diseases



Tackling ESKAPE pathogens with a nano-poly-pharmacology platform



ESKAPE Pathogens of Highest Concern



- ☞ The most serious, life-threatening infections are caused by a group of drug-resistant bacteria that the
- ☞ Infectious Diseases Society of America (IDSA) has labeled the "ESKAPE" pathogens, because they effectively escape the effects of antibacterial drugs

NATURASOL **ANTIMICROBIAL platform**

Tackling antibiotic resistance & nosocomial pathogens



Nosocomial multi-/pan- resistant pathogens:

Acinetobacter Baumannii
Staphylococcus aureus
Pseudomonas aeruginosa

IV and IP routes validated under murine sepsis models during preclinical tests

NATURASOL antimicrobial platform for killing viruses, fungi & bacteria

Broad antimicrobial activity on > 250 pathogen species

NATURASOL: natural identical antimicrobial solutions

Food quality

Nanodrops

NIOSOME based nano-sized formulations (**nanodrops or nanovesicles**) of essentials oils (EOs) or EOs extracts or purified single molecules:

biocidal on a broad set of pathogens (bacteria & fungi)

no perturbation of the intestinal microflora (*in vitro* test on gut mice microflora)