

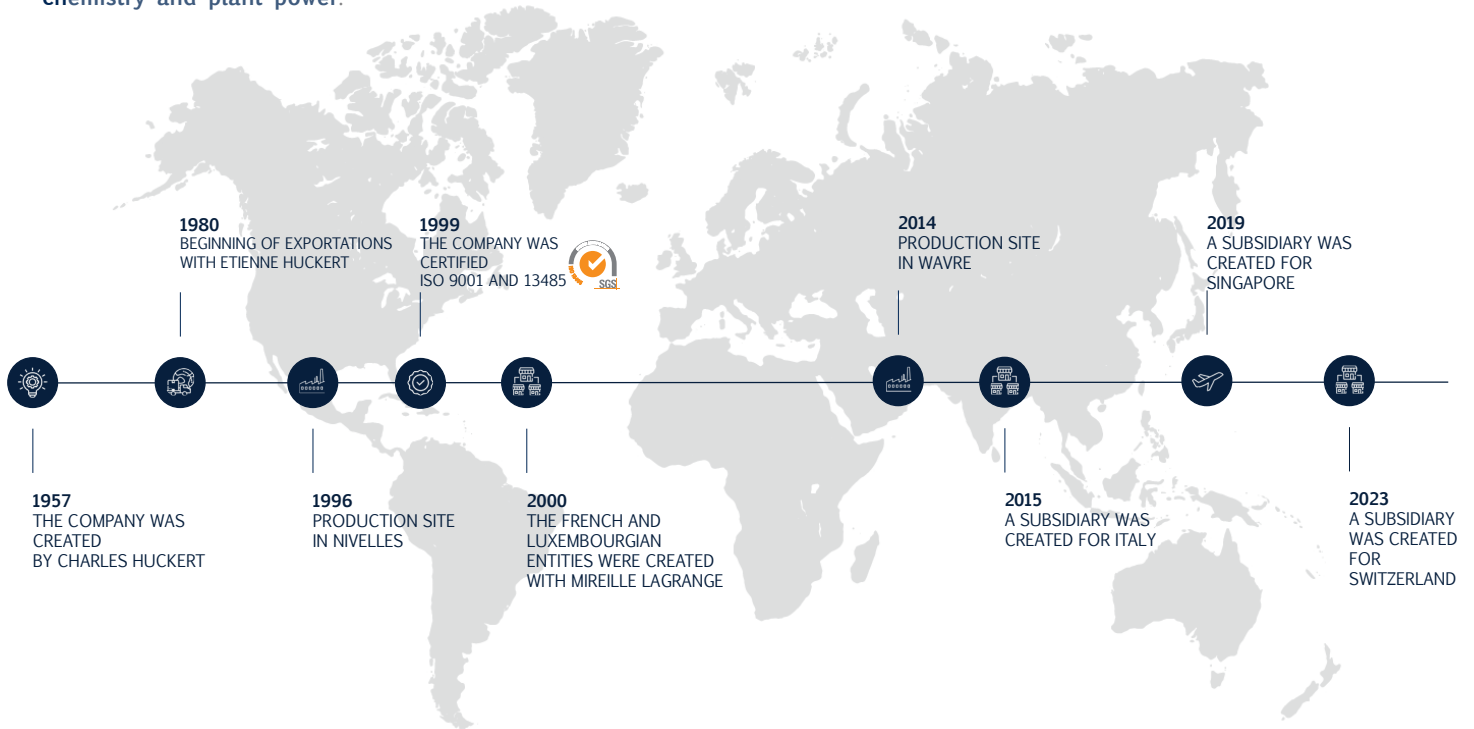
**CONTROLLING THE INFECTIOUS RISK :
OUR EXPERTISE SINCE 1957**



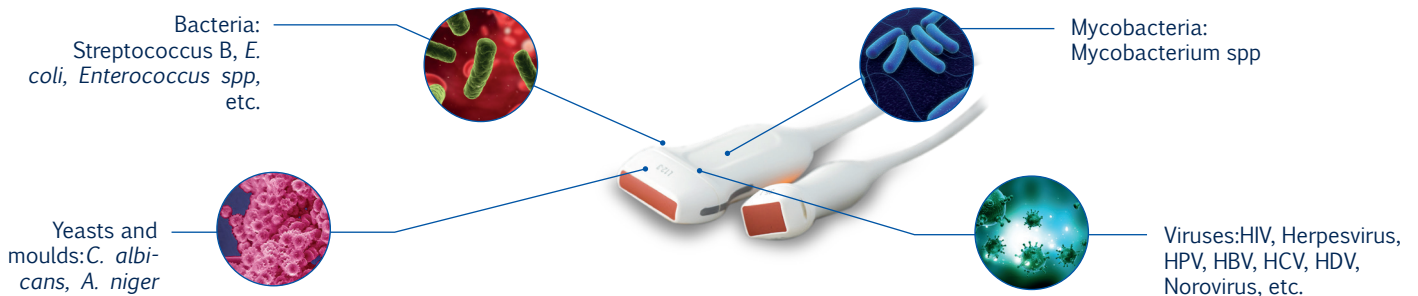
WHO ARE WE?

Laboratoire Huckert's International, a family company, develops, manufactures and markets unique, 100% secure, high-performance disinfectants and cosmetics, for use in all your cleaning and disinfection processes.

The reputation of our laboratory is based on the quality and technicality of its products, its dynamic teams and the subtle balance between **fine chemistry and plant power**.



WHY DISINFECT?



WHY DISINFECT?

In the right temperature and in the presence of nutrients, micro-organisms replicate every 20 minutes. Thus a tiny quantity of pathogenic germs from a contaminated source (hands, nose, mouth, eyes, surface, equipment and devices) may cause fungal, viral or bacterial cross-contamination and may be a source of infection.

It is essential to eliminate any risk of contamination with effective and controlled washing and disinfection procedures throughout the care chain. Only meticulous control can guarantee professional safety.

DID YOU KNOW?

A dangerous product does not mean an efficient product: There are a number of European standards to help you assess product efficiency. Test conditions must be as close as possible to actual conditions of use, and go beyond basic efficacy tests in suspension (in liquid phase).

“Disinfection is only effective after a surface has been cleaned”: alcohol, chlorinated compounds, peracetic acid, hydrogen peroxide, caustic soda and many disinfectants have no detergent properties. Their disinfection properties are affected by the presence of protein contamination or other interfering agents and by their temperature of use.

OUR MISSION

Expert in high-performance bio-decontamination and disinfection. Our mission is to provide faultless disinfection for the entire pathogenic flora, including in conditions of interferences (**bacteria, yeasts, fungi, mycobacteria, spores, naked and enveloped viruses**), with no adverse effects.

“Do not replace a biological hazard with a chemical risk”



OPERATOR FRIENDLY



PATIENT FRIENDLY



EQUIPMENT FRIENDLY



ENVIRONMENTALLY FRIENDLY

Our products are free from CMR substances and endocrine disrupters and present no risk of corrosion, burning or toxic vapour.

pH neutral

✓ FORMULA FREE FROM
→ CMR COMPONENTS
→ ENDOCRINE DISRUPTERS

We have always been committed to manufacturing and controlling our Biocides with the same level of requirement as for our Medical Devices. All of our biocides comply with European Biocide regulation No 528/2012.

OUR ENVIRONMENTAL COMMITMENT

Sustainable development is an integral part of our laboratory's quality management system.

Above all, we encourage our employees to adhere to our **Family Company Values. Quality, health and ethics are at the heart of all our efforts.**

From ensuring our products are non-toxic for the OPEE (Operator, Personnel, Equipment, Environment) to reducing our environmental impact as required by our business.

In order to control environmental risks, we follow the **path of continuous improvement** because nothing can ever be taken for granted. We **analyse, assess, calculate and improve our impact on the environment.**



- ✓ No toxic or hazardous reject for the environment during the manufacturing process of our products.
- ✓ No risk for the environment.
- ✓ Formulations enriched in **essential oils** and concentrated extracts from **medicinal plants**.
- ✓ "Cold disinfection" for **quick and easy action**.
- ✓ Ready-to-use sprays **free of propellant gas**.
- ✓ A **wide range** of concentrated products.
- ✓ Fully recyclable, **carbon negative** packagings made from **green PE***.
- ✓ A contribution towards **recycled waste processing**.
- ✓ Economical **automatic** mixing and dosage **systems** called "ECONOMATIC".
- ✓ Constant, traceable quality.

100%
RECYCLABLE
PLANT-BASED
PACKAGINGS*



RECYCLABLE
CARTONS,
PACKAGING AND WIPES.
REMEMBER TO SEPARATE
YOUR WASTE!

* Subject to availability of the raw material.

COLD DISINFECTION INNOVATION



UMONIUM³⁸
master in disinfection



**NO RESIDUE
AFTER RINSING**



* Subject to availability of the raw material.



Non toxic



**Flame
resistant**



**Free from
harmful vapours**

**WE OFFER THE ALTERNATIVE
TO HAZARDOUS, CORROSIVE
CHEMICAL PRODUCTS**

**pH
neutral**

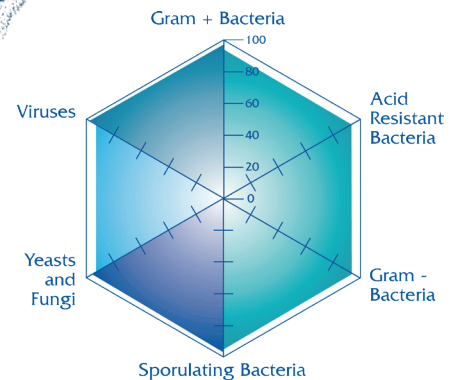
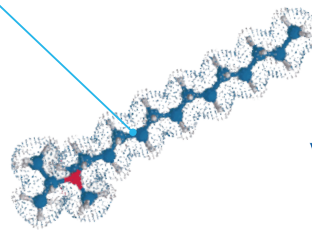
✓ FORMULA FREE FROM
→ CMR COMPONENTS
→ ENDOCRINE DISRUPTERS

A DISINFECTANT TO SUIT EVERY NEED

It took 38 attempts to obtain the formula that combines **performance, speed, stability, no chemical risk and neutral pH.**

The formulation of UMONIUM³⁸ demonstrates a considerably broader spectrum of activity. **Contact times are short and realistic. Use concentrations are low.** The surfactant nature of the formula provides both **a powerful action** of cleaning, high-level disinfection and the elimination of fatty film, protein and biofilm, by soaking, flow circulation, wet wiping, spraying, foam projection... Cold or hot.

Isopropyl-Tridecyl-Dimethyl Ammonium







A NEW CERTIFICATION FOR OUR MEDICAL DEVICES

Laboratoire Huckert's International is in the process of obtaining **MDR regulation (EU) 2017/745 certification** relating to medical devices. It covers a wider scope of products compared to Directive 93/42/EEC and includes new classification rules. Major improvements required by the new regulation include:

- ✓ Enhanced compliance assessment (clinical assessment)
- ✓ Increased post-marketing follow-up
- ✓ Better traceability of products following the implementation of "UDI" (unique device identifier) codes
- ✓ Enhanced risk management
- ✓ Increased transparency with the introduction of European platform "EUDAMED"

Compliance with this **new regulation** of the quality system for Laboratoire Huckert's International is the guarantee of excellence for all our products for the treatment of your medical devices.

PROVEN EFFECTIVENESS

SITUATIONS & LABORATORY CONDITIONS		REDUCED BACTERIA	REDUCED FUNGI	REDUCED VIRUSES	REDUCED MYCOBACTERIA	REDUCED SPORES	DISINFECTION PERFORMANCE
PHASE 1	SCREENING TEST 	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	LOW PERFORMANCE ★ Artificial assessment
PHASE 2 step 1	SUSPENSION TEST 	99.9999% 5 log EN 1276 EN 13727 <i>P. aeruginosa</i> <i>S. aureus</i> <i>E. hirae</i> <i>E. coli</i>	99.990% 4 log EN 1650 EN 13624 <i>C. albicans</i> <i>A. brasiliensis</i>	99.990% 4 log EN 14476 EN 14476 <i>Poliovirus 1</i> <i>Adenovirus 5</i> <i>Norovirus murin</i> <i>Vaccinia virus</i>	99.990% 4 log EN 14348 EN 14348 <i>M. avium</i> <i>M. terrae</i>	3 log EN 13704 <i>Bacillus subtilis</i> 99.990% 4 log EN 17126 <i>Bacillus subtilis</i> & <i>Bacillus cereus</i> <i>Clostridioideus difficile</i>	MEDIUM PERFORMANCE ★★ Limited validation
PHASE 2 step 2	TEST IN DRY CONDITIONS 	99.990% 4 log EN 13697 <i>P. aeruginosa</i> <i>S. aureus</i> , <i>E. hirae</i> , <i>E.coli</i> 99.9999% 5 log EN 17387 EN 14561 EN 16615 <i>P. aeruginosa</i> , <i>S. aureus</i> , <i>E. hirae</i>	99.990% 4 log EN 13697 EN 17387 EN 14562 <i>C. albicans</i> <i>A. brasiliensis</i> EN 16615 <i>C. albicans</i>	99.990% 4 log N/A EN 16777 <i>Adenovirus 5</i> <i>Norovirus</i> <i>Vaccinia virus</i> EN 17111 <i>Adenovirus 5</i> <i>Norovirus</i> <i>Vaccinia virus</i> (<i>Parvovirus</i> > 40° C)	99.990% 4 log N/A EN 14563 <i>M. avium</i> <i>M. terrae</i>	99.990% 4 log EN 17846 <i>Clostridioideus difficile</i>	HIGH PERFORMANCE ★★★ Validation close to practical conditions
PHASE 3	TEST IN PRACTICAL CONDITIONS 	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	VERY HIGH PERFORMANCE ★★★★ Validation in practical conditions

STANDARD EN 14885: 2022

EN = European Standard
 EN XXX = MD/Instruments
 EN XXX = Biocides
 EN XXX = Mechanical action
 N/A = Not Applicable

WHY USE OUR PRODUCTS?



UMONIUM³⁸
master in disinfection

OUR DISINFECTING SOLUTIONS DERIVED FROM FINE CHEMISTRY



WIDE BACTERICIDAL,
LEVURICIDAL, MYCO-
BACTERICIDAL, VIRUCIDAL
& SPORICIDAL SPECTRUM



SAFE
FREE FROM CMR
SUBSTANCES AND
ENDOCRINE DISRUPTERS



NO RESIDUE
AFTER RINSING



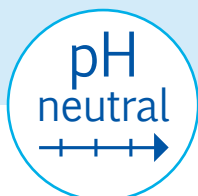
REALISTIC
CONTACT
TIMES



STABLE



FLAME RESISTANT



NON-CORROSIVE



FREE FROM
HARMFUL VAPOURS



NON-POLLUTING



SURFACTANTS

OUR DERMATOLOGICAL SOLUTIONS DERIVED FROM MEDICINAL PLANTS



NON-POLLUTING



NON-STICKY
TEXTURE



HYDROALCOHOLIC GELS
EFFECTIVE AGAINST MRSA
AND CORONAVIRUS



SAFE
INGREDIENTS SELECTED
AMONG THE SAFEST
INGREDIENTS



FREQUENT
USES



SUITABLE FOR THE
ENTIRE FAMILY



DERMATOLOGICALLY
TESTED



100% NATURAL
FRAGRANCE



FRAGILE SKINS



FORMULAS WITH
ESSENTIAL OILS

SUPPORTING YOUR BUSINESS SECTOR



Whether it is gynaecological or obstetric monitoring, an in-office procedure or intervention in a healthcare facility, the challenge of infectious risk management must not cause us to forget the chemical risk.

Endocrine disrupters are thought to be largely responsible for hormonal dysfunctions, ovulation and fertility disorders; Therefore, it seems quite unthinkable and inappropriate to use products with the slightest chemical risk during gynaecological monitoring.

Disinfection of all medical devices involved in obstetrics should also be performed only with safe products that do not pose a risk to the foetus and the patient.

ULTRASOUND



Ready-to-use, odourless and pH neutral, **UMONIUM³⁸ PROBES** wipes high-performance, safe disinfection between patients in accordance with **recommendations and the new Medical Devices Regulation (EU) 2017/745**.

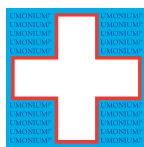
Their **safety, verified** even in embryonic environments, and their lack of reproductive toxicity make them completely safe to use during **gynaecological and obstetric examinations or IVF/MAP** procedures involving ultrasound guidance or monitoring.

The very simple protocol and exceptional quality of the wipes offer unrivalled working comfort without any chemical risk or discomfort for the operator or patient.

CLINICAL UNIT

Control of the infectious risk is imperative, but it is also inconceivable to use standard products and not take into account the risks of reproductive toxicity or toxicity to the foetus resulting from the products used.

UMONIUM³⁸ NEUTRALIS is a specially adapted high-level detergent-disinfectant. It can be used on all surfaces, equipment, and the most sensitive medical devices and instrumentation. It does not contain **CMR substances or endocrine disrupters** and its safety is verified up to the embryonic environment.



UMONIUM³⁸
NEUTRALIS



OUR SOLUTIONS TO SUIT YOUR LINE OF BUSINESS

1L = 40L
of disinfecting
solution



UMONIUM³⁸
NEUTRALIS



Class IIb Medical Device

500
sprays
= 100 sqm



UMONIUM³⁸
NEUTRALIS SPRAY



Class IIb Medical Device

1 Wipe
= 3 sqm



UMONIUM³⁸
NEUTRALIS TISSUES



Class IIb Medical Device



UMONIUM³⁸
PROBES



Class IIb Medical Device

FLOORS, SURFACES AND EQUIPMENT

Particularly recommended for **high-risk environments**, the **UMONIUM³⁸ NEUTRALIS** range offers fragrance-free medical device products that are extremely safe (specific biotoxicity tests, safety **validated even in embryonic environments**).

Meeting **the dual challenge of performance and safety**, it validates the **highest standards of performance while meeting the criteria for reproductive toxicity and embryo toxicity tests**. It is used for the pre-disinfection and disinfection phases of the most sensitive invasive and non-invasive surfaces, equipment and medical devices.



PROBES

Specially developed for disinfecting endocavitary probes (all ultrasound probes and ultrasound scanners) and semi-critical endoscopes without channels, **UMONIUM³⁸ PROBES** wipes are free from toxic fumes and kill germs after 5 seconds.

FORMAT AND CAPACITY

- ✓ Concentrated solution for dilution at 0.5% or 2.5% for application by soaking or wet wiping.
- ✓ 1L of concentrate gives 200L of diluted solution (0.5%).
- ✓ 1 L = 40 L of disinfecting solution

PACKAGINGS

25mL, 1 L and 5 L

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ Instruments
- ✓ Invasive and non-invasive medical devices
- ✓ End of day protocol
- ✓ Equipment
- ✓ Low and high surfaces

CONTACT TIME

10 minutes.

FORMAT AND CAPACITY

- ✓ Ready-to-use spray with double nozzle (fine spray or foam) for application by wet wiping.
- ✓ 500 ml can treat a surface of 100 sqm.

PACKAGINGS

500 mL

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ Low and high surfaces
- ✓ Equipment
- ✓ Medical devices
- ✓ Laminar flow hoods
- ✓ Incubators

CONTACT TIME

5 minutes.

FORMAT AND CAPACITY

- ✓ Ready-to-use wipes for application by wet wiping.
- ✓ One wipe (20 x 20 cm)

PACKAGINGS

Single-dose pouch and dispenser box containing 100 wipes (20 x 20 cm).

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ All surfaces, equipment and non-invasive medical devices
- ✓ Laminar flow hoods
- ✓ Incubators

CONTACT TIME

5 seconds.

FORMAT AND CAPACITY

- ✓ Ready-to-use wipes for application by wet wiping.
- ✓ One wipe (20 x 20 cm) can treat a surface of 3 sqm.
- ✓ Dispenser box 2 x 50 individual wipes.

PACKAGINGS

Single-dose pouch and dispenser box containing 100 wipes (20 x 20 cm).

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ Treatment of endovaginal probes for gynaecological and ultrasound monitoring
- ✓ Ultrasound probes

CONTACT TIME

5 seconds.



DRY WIPES

100 dry wipes to be used in addition to our UMONIUM³⁸ **NEUTRALIS SPRAY** range. High-strength disposable wipes for application on all surfaces and medical devices

Ecological and 90% **biodegradable** after 45 days and 100% after 76 days, our wipes are **environmentally friendly**. Recommended for controlled ISO 5 - 8 environments.



**ABSORBENT: 1150%
EXTRA STRONG**

FORMAT AND CAPACITY

- ✓ Ready-to-use wipes
- ✓ Dispenser box containing 100 wipes

COMPOSITION

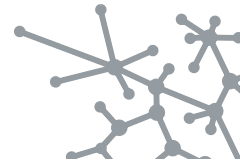
- ✓ Wood pulp (51%) and Viscose (49%)

PACKAGINGS

Dispenser box containing 100 wipes (20 x 20 cm)

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ All surfaces, equipment and non-invasive medical devices (MSC, benches, incubators, ICSI equipment, etc.)



PHYTOGEL[®]
By HUCKERT'S
genesis



100%

**RECYCLABLE
PLANT-BASED
PACKAGINGS***

HYDROALCOHOLIC GEL

ODOURLESS FORMULA ENRICHED WITH EMOLLIENT ACTIVE INGREDIENTS

Repeated use of hydroalcoholic solutions causes deep drying of the stratum corneum. The skin loses its elasticity and the slightest traction can cause a tear of the epidermal tissue. Management of cross-contamination first involves hand disinfection.

Enriched with emollient, moisturising and regenerating active ingredients, **PHYTOGEL** By HUCKERT'S[®] **Genesis** deeply hydrates while guaranteeing hygienic and surgical grade disinfection.



FOR WHOM?

- ✓ All hands that need to be disinfected



**HYGIENIC
DISINFECTION**

→ Verified after **30 sec.**



**SURGICAL
DISINFECTION**

→ Verified after **3 min.**

PACKAGINGS

3 mL, 100 mL, 400 mL and 1 L.

NAME	PHOTO(S)	ITEM No	DESCRIPTION	CARTON
		PF 15515	Easydose 25 ml	2 x 50 pieces
		PF 12510	1 L dispenser bottle	12 x 1L
		PF 12512	Drum 5L with pump	4 x 5L
		EMB 0013 - 0,5%	ECONOMATIC Complete kit pump - 0.5% dosing	1 piece
		EMB 0013 - 2.5%	ECONOMATIC Complete kit pump - 2.5% dosing	1 piece
		EMB 5101	Stainless steel mount for 5L can	1 piece
		PF 12608	Spray bottle 500 mL	20 x 500 mL
		EMB 0099	100 UMONIUM ³⁸ Wipes	12 pieces
		PF 10769	Box of 100 precut units (20 x 20 cm)	6 x 100
		PF 10779	500 individual pouches (20 x 20 cm)	500 x 1
		PF 10800	Box of 100 wipes (20 x 20 cm)	6 x 100
		PF 12800	Dispenser box	2 x 50 pieces
		EMB 6075	Easydose 3 mL	500 x 3 mL
		PF 20805	Pocket-sized bottle 100 mL	28 x 100 mL
		PF 20810	Bottle 400 mL	15 x 400 mL
		PF 20822	1L refill for manual and automatic dispenser	11 x 1L
		EMB 6100	Stainless steel mount for 400 mL bottle	1 piece
		EMB 1253	Automatic wall dispenser	1 piece



MONEY-BACK GUARANTEE

You have a money-back guarantee on **Laboratoire Huckert's International** products.
Only a passionate manufacturer can bring you such quality.



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