



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

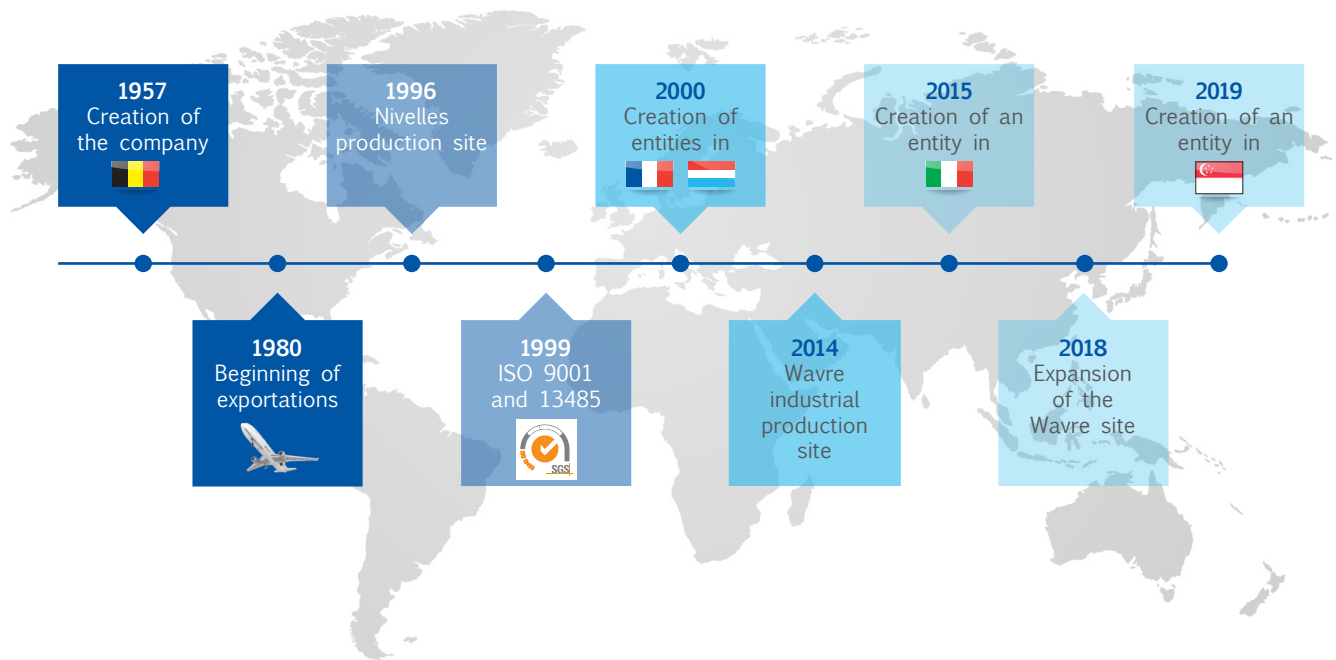


SECTOR CATALOGUE: DENTISTRY

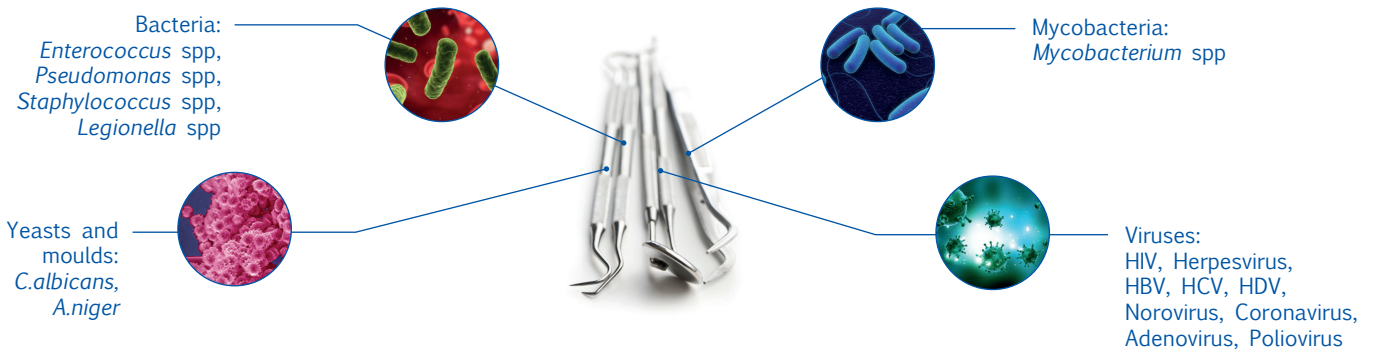
WHO ARE WE?

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

Our laboratory's success centres around the quality and technicality of our products, our dynamic teams and a subtle balance between **fine chemistry and the power of plants**.



WHY DISINFECT?



WHY DISINFECT?

At the right temperature and in the presence of nutrients, microorganisms replicate every 20 minutes. Thus, a tiny quantity of pathogenic germs from a contaminated source may cause fungal, viral or bacterial cross-contamination and cause an infection.

It is essential to eliminate all risks of contamination using cleaning procedures and effective, controlled disinfection before every intervention. Only a thorough inspection can guarantee this professional safety.

DID YOU KNOW?

A hazardous product does not mean an effective product: There are **a number of European standards** that help you assess the effectiveness of your products. Test conditions must be as close to the real conditions of use as possible, and go beyond mere suspension efficacy tests (in liquid phase).

“Disinfection is only effective after a surface has been cleaned”: **Alcohol, bleach, peracetic acid, hydrogen peroxide, caustic soda** and many disinfectants have **no cleaning properties**. Their disinfection properties are affected by the presence of proteinaceous 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 reliable disinfection for the entire range of pathogenic flora, even under interference conditions (**bacteria, yeasts, fungi, mycobacteria, spores, non-enveloped and enveloped viruses**), with no adverse effects.

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



OPERATOR
FRIENDLY



PATIENT
FRIENDLY



EQUIPMENT
FRIENDLY



ENVIRONMENTALLY
FRIENDLY

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

pH
neutral

✓ FORMULA FREE FROM

- CMR SUBSTANCES
- ENDOCRINE DISRUPTERS

We have always been committed to manufacturing and inspecting our Biocides according to the same requirements as our Medical Devices. All our biocides meet Regulation (EU) No 528/2012 on biocides.

OUR ENVIRONMENTAL COMMITMENT

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

First and foremost, we want our employees to adhere to our **Family Business Values. Quality, health and ethics are at the heart of all our activities.**

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

In order to control environmental risks, we are committed to continuous improvement, as nothing should ever be taken for granted. We **analyse, assess, calculate and improve our impact on the environment.**



- ✓ No toxic or hazardous waste for the environment during the manufacturing process of our products.
- ✓ Environmentally friendly.
- ✓ Formulations enriched with 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 packaging made from green PE*.
- ✓ A contribution towards recycled waste processing.
- ✓ Economical automatic mixing and dosage systems called “ECONOMATIC”.
- ✓ Constant, traceable quality.



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



Non-flammable



**No harmful
vapours**

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

**pH
neutral**

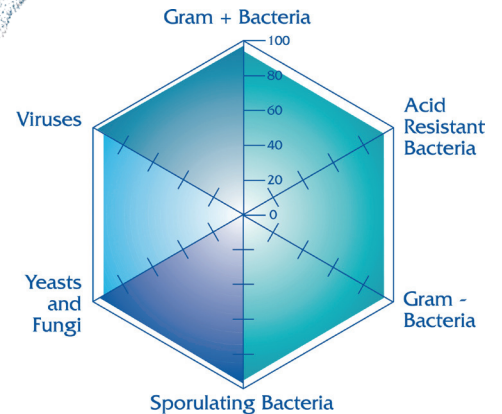
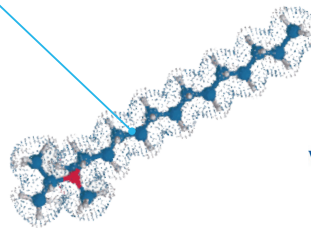
✓ FORMULA FREE FROM
→ CMR SUBSTANCES
→ ENDOCRINE DISRUPTERS

A DISINFECTANT SUITABLE FOR EVERY NEED

38 attempts were necessary to achieve the perfect formula combining **performance, fast action, stability and neutral pH.**

The UMONIUM³⁸ formulation demonstrates a significantly wider spectrum of activity. **Contact times are short and realistic. Usage concentrations are low.** The formula surface activity means it has a **powerful action** for cleaning, high-level disinfection and removes greasy film, protein film and bio-film, through soaking, water circulation, wet wiping, spraying, foam spraying... Whether cold or hot.

Isopropyl-Tridecyl-Dimethyl Ammonium







A NEW CERTIFICATION FOR OUR MEDICAL DEVICES

In 2023, Huckert's International Laboratory is undergoing certification in compliance with Regulation (EU) 2017/745 relating to medical devices. This applies to a wider range of products compared with guideline 93/42/EEC and includes new classification rules. Major improvements pertaining to the new Regulation include:

- ✓ a tightened compliance assessment (clinical assessment)
- ✓ increased post-market surveillance
- ✓ increased product traceability following the implementation of "UDI" codes (unique device identifier)
- ✓ increased risk management
- ✓ increased transparency with the introduction of European platform "EUDAMED"

The compliance process required from Huckert's International Laboratory in order to be certified is the guarantee of increasingly quality-oriented medical device disinfectants.

PROVEN EFFICACY

SITUATIONS & LABORATORY CONDITIONS		REDUCED BACTERIA	REDUCED FUNGI	REDUCED VIRUSES	REDUCED MYCOBACTERIA	DISINFECTION PERFORMANCE
PHASE 1	SCREENING TEST 	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	LOW PERFORMANCE ★ Artificial assessment
	SUSPENSION TEST 	99.999% 5 log EN 1276 EN 13727 <i>P. aeruginosa</i> <i>S. aureus</i> <i>E. hirae</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>	99.990% 4 log EN 14348 EN 14348 <i>M. avium</i> <i>M. terrae</i>	MEDIUM PERFORMANCE ★★ Limited validation
	TEST IN DRY CONDITIONS 	99.990% 4 log EN 13697 99.999% 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 EN 16615 <i>C. albicans</i> <i>A. brasiliensis</i>	99.990% 4 log N/A EN 16777 EN 17111 <i>Adenovirus 5</i> <i>Norovirus</i> <i>Vaccinia virus</i> <i>Parvovirus</i>	99.990% 4 log N/A EN 14563 <i>M. avium</i> <i>M. terrae</i>	HIGH PERFORMANCE ★★★ Validation near practical conditions
	TEST IN PRACTICAL CONDITIONS 	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

NA = Not Applicable

WHY USE OUR PRODUCTS?



UMONIUM³⁸
master in disinfection

OUR DISINFECTING SOLUTIONS DERIVED FROM FINE CHEMISTRY



BROAD-SPECTRUM
BACTERICIDE, LEVURICIDE,
MYCOBACTERICIDE, VIRUCIDE
& SPORICIDE



SAFE
FREE FROM CMR
SUBSTANCES AND
ENDOCRINE DISRUPTERS



**NO RESIDUE
AFTER RINSING**



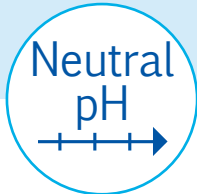
**REALISTIC
CONTACT
TIMES**



STABLE



NON-FLAMMABLE



NON-CORROSIVE



**NO 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
FROM 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



The oral cavity may harbour pathogenic, opportunistic microorganisms which may present a risk of cross-contamination and systemic infection.

Dental surgery and dentistry procedures, which are particularly invasive, are among the most risk-prone surgeries and growing procedures such as periodontology and implantology require increased consideration for hygiene and disinfection procedures.

Pathogenic agents may be transmitted from the patient (saliva, blood), staff (mainly through the hands), a surface, the treatment unit (aerosols), an inappropriately disinfected device or instrument.

Furthermore, while a pathogenic agent transfer is generally perceived and acknowledged when it happens from staff/medical practice to patient, one should also acknowledge the risk of exposure of staff or practitioner through an infected patient.

In a highly competitive sector, it is essential to emphasise standards and actual performance and to factor in the chemical risk of products used on a daily basis.



Instead of using corrosive and hazardous products, **UMONIUM^{38®}** helps you improve and simplify your hygiene and disinfection procedures to make them completely safe for your team, your most sensitive equipment and the environment.

OUR SOLUTIONS FOR YOUR PROFESSION



UMONIUM³⁸ EQUIPMENTS



Class IIa medical device



UMONIUM³⁸ MEDICAL SPRAY



Class IIb medical device



UMONIUM³⁸ MEDICAL TISSUES



Class IIa medical device



UMONIUM³⁸ MASTER



TP2 biocide

SURFACES AND EQUIPMENT

FLOOR

Derived from **fine chemistry**, our detergents-disinfectants **with essential oils** provide **high-level disinfection** with **short contact times**, **simple procedures** and **economical dosages**. Our medical devices comply with **DE 93/42/CEE** relating to **medical devices** (Annex II, excl. §4) and our biocides comply with the new Biocides Regulation (EU) **No 528/2012**.

Entirely compatible with daily use, our products are **stable, pH neutral, safe** (non-flammable, with no risk of corrosion, burning or toxic vapour) and **free from CMR substances and endocrine disruptors**. They are **effective on the entire range of pathogenic flora**, meet the highest **European standards** and leave **no residue after rinsing**.



100%
RECYCLABLE
PLANT-BASED* PACKAGING



DEODORISING
PROPERTIES
FROM ESSENTIAL OILS

Double-wrapped radiosterilisation: available by contract

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%).

PACKAGING

1L and 5L.

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ Furniture
- ✓ Technical tablets
- ✓ Surgical lighting
- ✓ Medical chairs
- ✓ Non-immersible medical equipment and devices
- ✓ Medical imaging equipment

CONTACT TIME

10 minutes.

FORMAT AND CAPACITY

- ✓ Ready-to-use spray with double nozzle (fine or foam spray) for application by wet wiping.
- ✓ 500 mL can treat a surface of 100 m².

PACKAGING

500 ml and 1L.

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ Dental impression decontamination
- ✓ Technical tablets
- ✓ Surgical lighting
- ✓ Medical chairs
- ✓ Non-immersible medical equipment and devices
- ✓ Medical imaging equipment

CONTACT TIME

5 minutes.

FORMAT AND CAPACITY

- ✓ Ready-to-use wipes for application by wet wiping.
- ✓ One wipe (20 x 20 cm) can treat a surface of 3 m².

PACKAGING

Unit dose container and dispenser box containing 100 (20 x 20 cm) and 95 wipes (15 x 15 cm).

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ Technical tablets
- ✓ Surgical lighting
- ✓ Medical chairs
- ✓ Non-immersible medical equipment and devices
- ✓ Medical imaging equipment

CONTACT TIME

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%).

PACKAGING

1L, 5L, 25L, 200L and 1000L.

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ Floor tiles
- ✓ PVC floors
- ✓ Resin and waxed concrete floors
- ✓ Limestone floors
- ✓ Parquet floors

CONTACT TIME

15 minutes.



UMONIUM³⁸ STERILY

STEP 1
CLEANING &
PRE-DISINFECTING



Class IIb medical device



UMONIUM³⁸ INSTRUMENTS

STEP 2
HIGH-LEVEL
DISINFECTING



Class IIb medical device

INSTRUMENTS

A genuine alternative to enzymatic, acid and alkaline products, **UMONIUM³⁸ STERILY** and **UMONIUM³⁸ INSTRUMENTS** are used together during instrument pre-disinfection and disinfection.

They comply with **DE 93/42/EEC relating to medical devices** (Annex II, excl. §4), **are stable, pH neutral, safe** (non-flammable, with no risk of corrosion, burning or toxic vapour) **and free from CMR substances and endocrine disrupters**, and leave **no residue after rinsing**.



100%

RECYCLABLE
PLANT-BASED* PACKAGING



NON-COAGULATING FORMULA
EFFECTIVE IN THE PRESENCE
OF ORGANIC MATTER

Double-wrapped radiosterilisation: available by contract

FORMAT AND CAPACITY

- ✓ Concentrated solution for dilution at 0.5% for manual application (soaking + brushing) or in an ultrasonic bath.
- ✓ 1L of concentrate gives 200L of diluted solution.

PACKAGING

1L and 5L.

EXAMPLES OF APPLICATIONS (CLEANING AND PRE-DISINFECTING)

- ✓ Instruments
- ✓ Rotary instruments
- ✓ Spittoons
- ✓ Amalgam separator
- ✓ Semi-automatic dental vacuum

FORMAT AND CAPACITY

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

PACKAGING

1L and 5L.

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ Instruments
- ✓ Rotary instruments
- ✓ Spittoons
- ✓ Amalgam separator
- ✓ Semi-automatic dental vacuum

CONTACT TIME



10 minutes.



UMONIUM³⁸ air control & AIR CONTROL MATIC

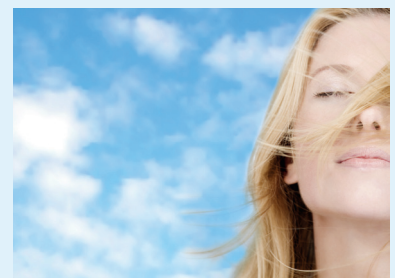


ODOUR DESTROYER

Using selected essential oils, **UMONIUM³⁸ air control** drastically reduces bad odours.

Every 100 mL bottle contains the equivalent of at least 20 kg of dehydrated plants and provides over 900 sprays. Extremely effective, it sanitises the air and eliminates odours with a single spray.

There is a version for automatic sprays known as **UMONIUM³⁸ AIR CONTROL MATIC**.



FORMAT AND CAPACITY

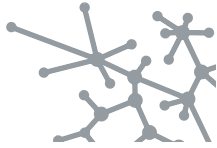
- ✓ Ready-to-use spray for atmospheric use.
- ✓ One spray per 20 m³ (± 900 sprays per 100 mL).

PACKAGING

UMONIUM³⁸ air control:
5 ml, 10 ml and 100 ml.

UMONIUM³⁸ air control matic: 250 ml.

OUR SOLUTIONS FOR YOUR PROFESSION



PHYTOGEL
By HUCKERT'S
genesis



PHYTOGEL
By HUCKERT'S
sanitizer



PHYTOGEL
By HUCKERT'S
microbrush



PHYTOGEL
By HUCKERT'S
nature

FRAGRANCE-FREE



TP1 biocide



TP1 biocide



Dermocosmetics



Dermocosmetics

95.1%

INGREDIENTS OF NATURAL ORIGIN**

HAND HYGIENE

Hands, as our most used tool, are the highest vectors for the transmission of microorganisms. Consequently, their hygiene plays an essential role in the control of infectious risks.

However, repeated use of soaps and hydroalcoholic solutions cause skin dryness and may lead to dermatological disorders: dermatitis, allergies, eczema...

PHYTOGEL By HUCKERT'S® includes ranges enriched with essential oils to respect your skin, even dry skin, ensuring impeccable hygiene.

100%
RECYCLABLE PLANT-BASED*
PACKAGING

HYDROALCOHOLIC GEL

ENRICHED WITH EMOLLIENT AGENTS

PHYTOGEL By HUCKERT'S® **sanitizer**, enriched with thyme, chamomile and eucalyptus essential oils and **PHYTOGEL** By HUCKERT'S® **genesis**, enriched with emollient agents, are deeply moisturising and ensure hygienic and surgical-grade disinfection.

In addition, their texture is non-sticky and does not cause discomfort when wearing gloves, and leaves no residue feeling even after numerous applications.



SURGICAL DISINFECTION

↳ Verified after **3 min.**



HYGIENIC DISINFECTION

↳ Verified after **30 sec.**

FOR WHOM?

- ✓ All hands that need to be disinfected.

PACKAGING

100 mL, 400 mL and 1L.

HYDROALCOHOLIC GEL

ENRICHED WITH ESSENTIAL OILS

FOR WHOM?

- ✓ All hands that need to be disinfected and like the fragrance of essential oils.

PACKAGING

100 mL, 400 mL and 1L.

EXFOLIATING SOAP

ALL SKIN TYPES

Specially developed for very dirty hands, **PHYTOGEL** By HUCKERT'S® **microbrush** deeply cleanses and removes impurities from skin folds through its non-abrasive microbeads and its formula enriched with essential oils.

FOR WHOM?

- ✓ Very dirty hands (e.g. prosthetists) that need to be deeply cleansed with soap enriched in essential oils.

PACKAGING

5L.

DERMATOLOGICAL SOAP

ALL SKIN TYPES

Enriched with essential oils and a natural fragrance, **PHYTOGEL** By HUCKERT'S® **nature** gently cleanses, respects the skin barrier and protects the driest of skins.

PHYTOGEL By HUCKERT'S® **nature**, your daily ally to protect you against skin damage.

FOR WHOM?

- ✓ All hands that need to be gently cleansed with soap enriched with essential oils.

PACKAGING

100 mL, 400 mL, 1L and 5L.

NAME	PHOTO(S)	ITEM No	DESCRIPTION	CARTON
		PF 20803	Pocket-sized bottle 100 mL	28 x 100 mL
		PF 20806	Bottle 400 mL	15 x 400 mL
		EMB6100	Stainless steel mount for 400 mL bottle	1 item
		EMB 1253	Automatic wall dispenser	1 item
		EMB 1252	Manual wall dispenser	1 item
		PF 20821	1L refill for manual and automatic dispenser	11 x 1L
		PF 20403	Pocket-sized bottle 100 mL	28 x 100 mL
		PF 20807	Bottle 400 mL	15 x 400 mL
		EMB 1253	Automatic wall dispenser	1 item
		EMB 1252	Manual wall dispenser	1 item
		PF 20421	1L refill for manual and automatic dispenser	11 x 1L
				PF 20811
PF 20809	Bottle 400 mL			15 x 400 mL
EMB6100	Stainless steel mount for 400 mL bottle			1 item
PF 20109	1L refill for manual and automatic dispenser			11 x 1L
EMB 1253	Automatic wall dispenser			1 item
EMB 1252	Manual wall dispenser			1 item
PF 20112	5L can with pump			4 x 5L
EMB 5101	Stainless steel mount for 5L can			1 item
		PF 20212	5L can with pump	4 x 5 L
		EMB 5101	Stainless steel mount for 5L can	1 item

NAME	PHOTO(S)	ITEM No	DESCRIPTION	CARTON
		PF 12310	Dispenser 1L	12 x 1 L
		PF 12312	5L can with pump	4 x 5 L
		EMB 5101	Stainless steel mount for 5L can	1 item
		EMB 0013 - 0,5%	ECONOMATIC pump complete kit - Dosage 0.5%	1 item
		EMB 0013 - 2.5%	ECONOMATIC pump complete kit - Dosage 2.5%	1 item
		PF 12209	Spray bottle 1L	12 x 1 L
		PF 12204	Spray bottle 500 mL	24 x 500 mL
		PF 12203	Spray bottle 250 mL	24 x 250 mL
		EMB 0099	100 UMONIUM ³⁸ Wipes	12 items
		EMB 5206	Stainless steel mount for 1L bottle	1 item
		PF 10760	Box of 100 wipes (20 x 20 cm)	6 x 100
		PF 10774	Box of 95 wipes (15 x 15 cm)	6 x 95
		EMB 5206	Stainless steel mount (95 wipes)	1 item
		PF 10761	500 individual packets (20 x 20 cm)	500 x 1
		PF 10110	Dispenser 1L	12 x 1L
		PF 10112	5L can with pump	4 x 5L
		PF 10120	Drum 25L	1 x 25 litres
		PF 10125	Barrel 200L	-
		PF 10126	IBC 1000L	-
		EMB 5101	Stainless steel mount for 5L can	1 item
		EMB 0013	ECONOMATIC pump complete kit - Dosage 0.5%	1 item
		EMB 0013 - 2.5%	ECONOMATIC pump complete kit - Dosage 2.5%	1 item

NAME	PHOTO(S)	ITEM No	DESCRIPTION	CARTON
		PF 10320	Dispenser 1L	12 x 1L
		PF 10322	5L can with pump	4 x 5L
		EMB 5101	Stainless steel mount for 5L can	1 item
		EMB 0013	ECONOMATIC pump complete kit - Dosage 0.5%	1 item
		PF 12110	Dispenser 1L	12 x 1L
		PF 12112	5L can with pump	4 x 5L
		EMB 5101	Stainless steel mount for 5L can	1 item
		EMB 0013	ECONOMATIC pump complete kit - Dosage 0.5%	1 item
		EMB 0013 - 2.5%	ECONOMATIC pump complete kit - Dosage 2.5%	1 item
		PF 11003	Individual spray bottle 100 mL	12 items
		EMB 5207	Wall mount 100 mL with anti-theft device	1 mount
		PF 11000	Individual spray bottle 10 mL	36 items
		PF 11006	Aerosol 250 mL for diffuser	12 items
		EMB 0432	Electronic diffuser for aerosol 250 mL	1 device



UMONIUM[®]
master in disinfection



PHYTOGEL[®]
By HUCKERT'S



MONEY-BACK GUARANTEE

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



* Subject to availability of the raw material.



www.huckerts.net