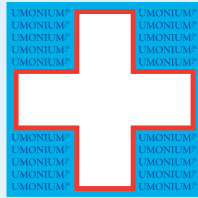


DETERGENT- DISINFECTANT  
MEDICAL DEVICE  
CLASS IIb



# UMONIUM<sup>38</sup>

## NEUTRALIS SPRAY



✓ FORMULA FREE FROM

- CMR\*\* COMPONENT
- ENDOCRINE DISRUPTOR

“ Protecting what is most valuable ”

FLASH DISINFECTION  
AFTER 30 SEC.



UMONIUM<sup>38</sup> **NEUTRALIS SPRAY** is a Detergent- leading disinfectant for high-risk areas and sensitive environments. Ready to use and classified as a medical device, it validates the highest standards of effectiveness on all pathogens while meeting the reproductive and embryo-toxicity tests. Completely odourless and safe, it can be used together for the cleaning and disinfection of all surfaces, equipment and the most sensitive invasive and non-invasive medical devices. The dual-function nozzle sprays either a foam or a fine spray for optimal disinfection.

\*\* Carcinogenic, Mutagenic or Reprotoxic

 **laboratoire**  
**HUCKERT'S**  
INTERNATIONAL  
*mastered disinfection*





# UMONIUM<sup>38</sup> NEUTRALIS SPRAY

500ml amounts to 500 sprays  
and treats an area of 100m<sup>2</sup>.



✓ FORMULA FREE FROM  
→ CMR\*\* COMPONENT  
→ ENDOCRINE DISRUPTOR



## INDICATIONS

Colourless, odourless. Cleaning and disinfection of invasive medical devices before sterilisation. Cleaning and disinfection for non-invasive medical devices and their surfaces. Transport of soiled instruments.

## COMPOSITION

N-benzyl-N-dodecyl-N, N-dimethyl-ammonium chloride/N-benzyl-N, N-dimethyl-N-tetradecyl-ammonium chloride. 3.3g/L.

## REGULATORY STANDARDS

- Compliant with ED 93/42/EEC relating to medical devices (Appendix II, excl.S4)
- Quality and traceability guaranteed by ISO 9001:2015 and EN ISO 13485:2016
- MEA (Mouse Embryo Assay) validation
- HSSA (Human Sperm Survival Assay) validation
- CE marking 1639

## INSTRUCTIONS FOR USE

**Transport:** Set the spray to the "foam" position and cover the devices with the foam. Make sure to cover well to limit evaporation.

**Cleaning/Pre-disinfection:** Set the spray to the "foam" position. Spray and scrub the devices to eliminate all dirt. Rinse thoroughly with water\* or using a cloth dampened with water\* if you're cleaning surfaces.

**Disinfection:** Set the spray to the "fine" position. Spray over clean devices. Ensure a minimum contact time of 5 minutes. If you're cleaning invasive medical devices: Rinse with water\*. If you're cleaning non-invasive medical device surfaces: Leave to dry or rinse with water\* (or with a cloth dampened with water\*) if necessary.



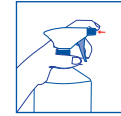
ITEM No.	NAME	BOX
PF 12608	500mL spray bottle	30 x 500mL
PF 12609	250mL spray bottle	24 x 250mL
EMB 0099	100 towels UMONIUM <sup>38</sup> Wipes	12 items

## PROPERTIES

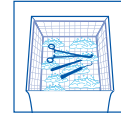
- Class IIb medical device
- Detergent- disinfectant with a broad spectrum of activity
- Non-toxic, no dangerous vapours
- LD<sub>50</sub> (rat): > 5840 mg/kg
- Non-corrosive: pH-neutral
- Ready-to-use product, non-irritating for the skin (no transdermal toxicity)
- Free from aldehyde, peroxide and biguanide, and other carcinogenic, mutagenic, or reprotoxic components
- Non-coagulant
- Non-flammable
- Bactericide (including MRSA and other antibiotic resistant strains), fungicide, mycobactericide and virucide (including human coronavirus)
- 100% compatible on fibre optic, rubber, polycarbonate, acrylic compound, glass, Pyrex, PU, PVC, HDPE, PET, neoprene, latex, silicone, paints and stainless steel 410
- Effective, fast-acting and efficient (dissolves blood)
- Effective in the presence of organic materials
- Acts within 30 seconds
- Residual on non-rinsed surfaces (bacteriostatic film)
- No residue after rinsing
- Stability: 36 months date of manufacture
- Colourless, fragrance-free product
- Complete safety in the environment of an embryo

## PROCEDURE FOR USE

### STEP 1: TRANSPORT



Set the spray to the "foam" position



Covering the devices with foam



Make sure to cover well to limit evaporation

### STEP 2: CLEANING/PRE-DISINFECTION



Set the spray to the "foam" position and spray

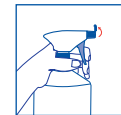


Scrub the devices to eliminate all dirt

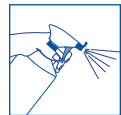


Rinse thoroughly with water\* or using a cloth dampened with water\* if you're cleaning surfaces

### STEP 3: DISINFECTION



Set the spray to the "fine" position



Spray



Minimum contact time 5 minutes



OR

If invasive medical devices: Rinse with water\*  
OR If non-invasive medical device surfaces:  
Allow to dry or rinse with water\* (or with a damp cloth\*) if necessary

## TECHNICAL DETAILS

Standards	Target organisms	Contact time (min.)	
		Condition clean	Dirty condition
EN 13727	BACTERIA <i>S. aureus</i> , <i>E. hirae</i> , <i>P. aeruginosa</i> <i>E. faecalis</i> (vancomycin-resistant), <i>E. coli</i> (carbapenem-resistant), <i>K. pneumoniae</i> (carbapenem-resistant), <i>S. aureus</i> (methicillin-resistant)	30 sec.	1
		30 sec.	-
		10	15
		-	15
EN 13697	<i>S. aureus</i> , <i>E. hirae</i> , <i>E. coli</i> , <i>P. aeruginosa</i>	10	15
EN 16615	<i>S. typhimurium</i> , <i>E. cloacae</i> , <i>L. brevis</i>	-	15
EN 14561	<i>S. aureus</i> , <i>E. hirae</i> , <i>E. P. aeruginosa</i>	5	-
EN 13624	<i>S. aureus</i> , <i>E. hirae</i> , <i>P. aeruginosa</i>	-	30
EN 13697	<i>C. albicans</i>	5	10
EN 16615	<i>C. albicans</i>	10	15
EN 14562	<i>C. albicans</i>	1	-
EN 14476	<i>C. albicans</i> , <i>A. niger</i>	10	10
EN 14348	FUNGUS Norovirus, Adenovirus, Poliovirus	10	10
		5	-
EN 14563	Human coronavirus, Vaccinia virus	5	-
EN 14563	MYCOBACT. <i>M. avium</i> , <i>M. terrae</i>	10	10
		10	10

\* Clean drinking water at room temperature  
\*\* Carcinogenic, Mutagenic or Reprotoxic