



POWERED BY

Huwa-San[®]

A sustainable way of disinfection

nebusan[™]

air and surface disinfectant
for use with nebulair[®]
dry mist system

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The most advanced Silver Stabilised Hydrogen Peroxide

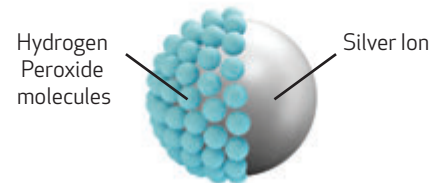
Nebusan™ is a powerful, highly effective, broad spectrum disinfectant that is both stable and safe.

Nebusan™ is a solution of Hydrogen Peroxide (H_2O_2) which is stabilised using a proprietary ionic silver based chemistry.

When correctly applied to the air or any exposed surface, Nebusan™ will disinfect through an oxidation process and continue to safely provide unrivalled performance.

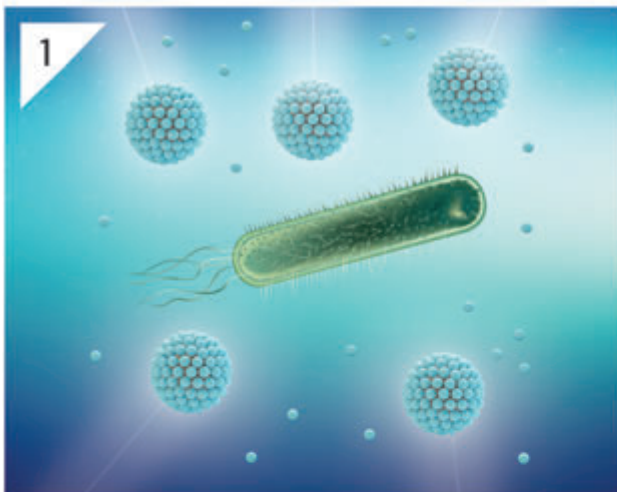
Nebusan™ is chlorine and alcohol free, with no corrosive effects on usual materials of construction during application. After use it simply degrades into harmless water and oxygen as one of the safest forms of disinfection.

nebusan™

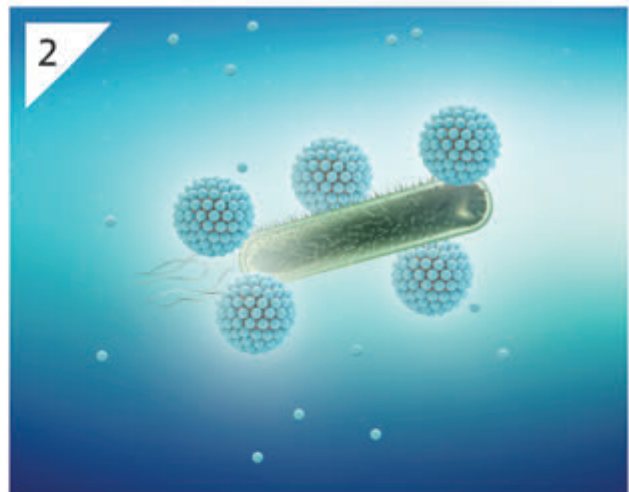


HOW NEBUSAN WORKS - A CLOSER LOOK

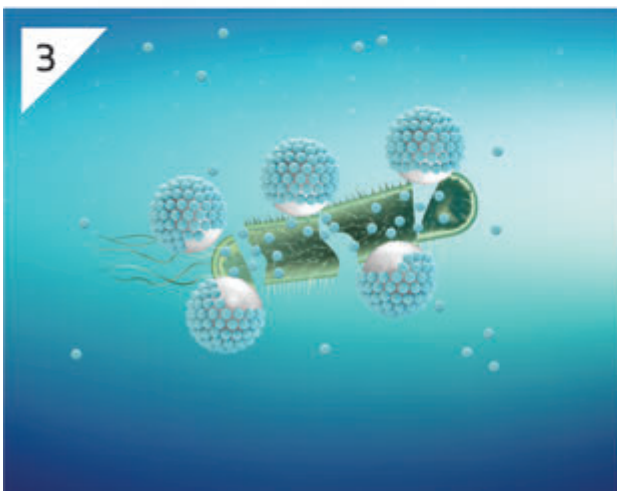
Representation for illustrative purposes only



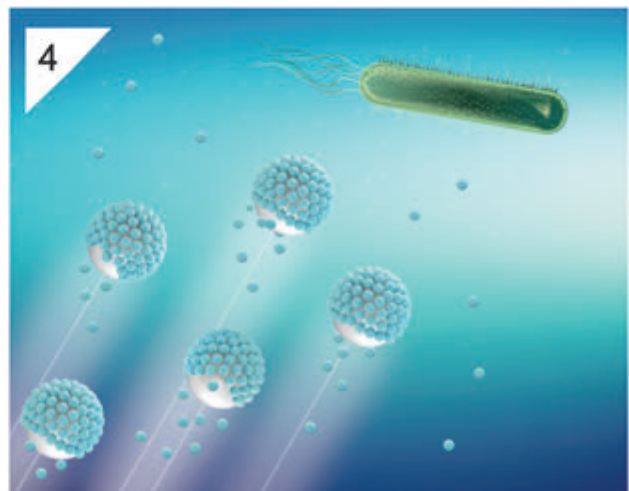
A typical bacterium naturally emits a negative charge. Nebusan™ is attracted by this charge to the site.



In catalase producing bacterium the presence of Nebusan™ inhibits the defence mechanism, allowing the powerful free hydroxyl radicals to attack the cell membrane.



These free hydroxyl radicals penetrate the membrane and destroy the bacterium. Once killed the bacterium no longer emits a negative charge.



Nebusan™ is now attracted to the next bacteria site emitting a negative charge. Silver ions re-stabilise with excess hydrogen peroxide molecules to repeat the process.

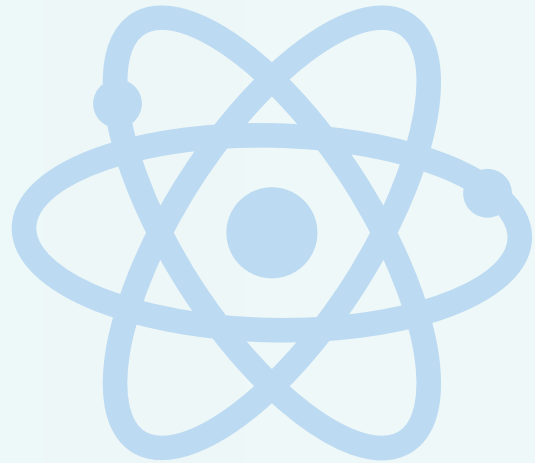
KEY BENEFITS

- WHOLE ROOM DECONTAMINATION SYSTEM (WRDS)
- EUROPEAN STANDARD
- BACTERICIDE, VIRUCIDE, SPORICIDE
- PROVEN EFFICACY WITH GLOBAL APPROVALS
- UNRIVALLED STABILITY
- FUNGICIDE, ALGAEICIDE, AMOEBICIDE
- HIGHLY EFFECTIVE BIOFILM REMOVER
- WIDE RANGE OF APPLICATIONS
- VERSATILE & EASY TO USE
- NON-TOXIC AND pH NEUTRAL WHEN DOSED
- ODOUR & COLOUR FREE, DRY MIST
- 2 YEAR SHELF LIFE

UNIQUE STABILISATION

The unrivalled efficacy of Nebusan™ relies on its remarkable stabilisation chemistry. The silver stabiliser, which is added to the hydrogen peroxide, is a complex salt mixture formulated around ionic silver to be used only with the Nebulair® Systems.

Technically speaking a silver ion is an atom of silver that is missing one electron. The outermost electrons of an atom determine the physical properties of the matter. Taking away one electron from a silver atom results in a silver ion. The ionic silver contained within Nebusan™ acts as a stabiliser and a catalyst resulting in extended stability during application.



SAFETY

HSL BUXTON REPORT



"The Nebulair® system shows potential as a disinfectant/neutralisation system and was convenient to use, being lightweight, compact and easy to operate. An advantage of this system is its ability to move the air around the room during fumigant delivery, avoiding stratification of the Nebusan™ sanitiser and therefore delivering similar microbial kill at various heights within the room."



DIRECTORATE - GENERAL ENVIRONMENT
Directorate A - Green Economy
ENVA.3 - Chemicals

ENVIRONMENT

Nebusan™ is truly biodegradable and leaves no residual. Post disinfection Nebusan™ degrades into water and oxygen, substances that are found naturally.

In addition to the number of environmental benefits Nebusan™ provides, the manufacturing process also complies with ISO 14001 environmental standards, ISO 9001 and ISO 13485.



- Personal protective equipment (PPE) is required during disinfection.
- Follow instruction manual before use.
- Full training will be provided through Nebulair Technologies Ltd.

Complies with NF T72-281 AFNOR Standard.
Client: 80005075
Commande: N20150127-166575-T

Misting Nebusan™ with a Nebulair® Dry Misting System

Nebulair® systems use patented Dry Mist Ultrasonic technology to provide cost effective whole room decontamination (WRD). The ultra light "dry" mist of Nebusan™ will sanitise all exposed surfaces, as well as the air within the target area, to ensure that any air-borne pathogens are destroyed and no infection hotspots are missed.

The dry mist of Nebusan™ produced by the Nebulair® device is non-corrosive and will not damage sensitive equipment and has been developed for use only in the Nebulair® sanitising systems.

Nebulair® systems are fast, effective and extremely easy to operate and deploy making it the ideal mobile rapid-response solution to infection control. Nebulair® technologies can also build bespoke infection control systems to meet your specific requirements

Room Disinfection

Your weapon in the battle against nosocomial infections

- Efficient, fast, simple room disinfection technology
- Room is 100% disinfected - no stratification
- Tested according to EN norms for biocidal products (*S. aureus*, *E. faecium*, *P. aeruginosa*, *P. mirabilis*, *C. albicans*, *M. terrae*, *A. niger*, Enterovirus, Adenovirus, *B. cereus*)
- Can be applied pro-actively, scheduled or in case of an outbreak
- Effective at ambient temperature and relative humidity
- Excellent material compatibility (including sensitive electronics and critical ICU equipment)
- Low concentrated ingredient needed in the air (user friendly but still use PPE)
- Minimal downtime (time table available)
- Decontaminates dry surfaces
- Used proactively will reduce the risk of outbreaks
- Eco friendly (no residuals only water and oxygen)



nebulair®



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