



# **SAFETY SPOT + AEB TRIAMINE**

ROOM DESINFECTION IN JUST 15 MINS



# THE EASY BIO-DESINFECTION

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The background of the slide is a dark, almost black, field filled with out-of-focus, glowing structures. These structures appear to be microscopic, possibly representing cells or viral particles. A prominent feature is a large, dense cluster of bright purple, spherical or oval shapes in the upper right quadrant. Other smaller, elongated, and irregular greenish-yellow structures are scattered throughout the field, some appearing as thin, thread-like filaments. The overall effect is one of biological complexity and microscopic detail.

AIR AND SURFACES  
CONTAMINATED

# AEROSOLS VOLATILITY AND DESINFECTION

Sprayed in the air, 70% of the particles are less than 0,3 microns, they are very volatile and drop over the surfaces present in the room.

The use of dynamic instruments with great diffusion capacity generates aerosols sometimes more than 3 meters away from the source. 60% of this particles are infected and without a fast and deep treatment , virus and bacteria will grow up.

Manual disinfection is annoying , and can not guarantee a successful result. Daily limitations, 100% booked schedules, stressed patients.... This usually makes disinfection processes irregular.

However, Surface disinfection is extremely important in healthcare facilities in order to avoid any contamination risk and the transmission of pathogens.

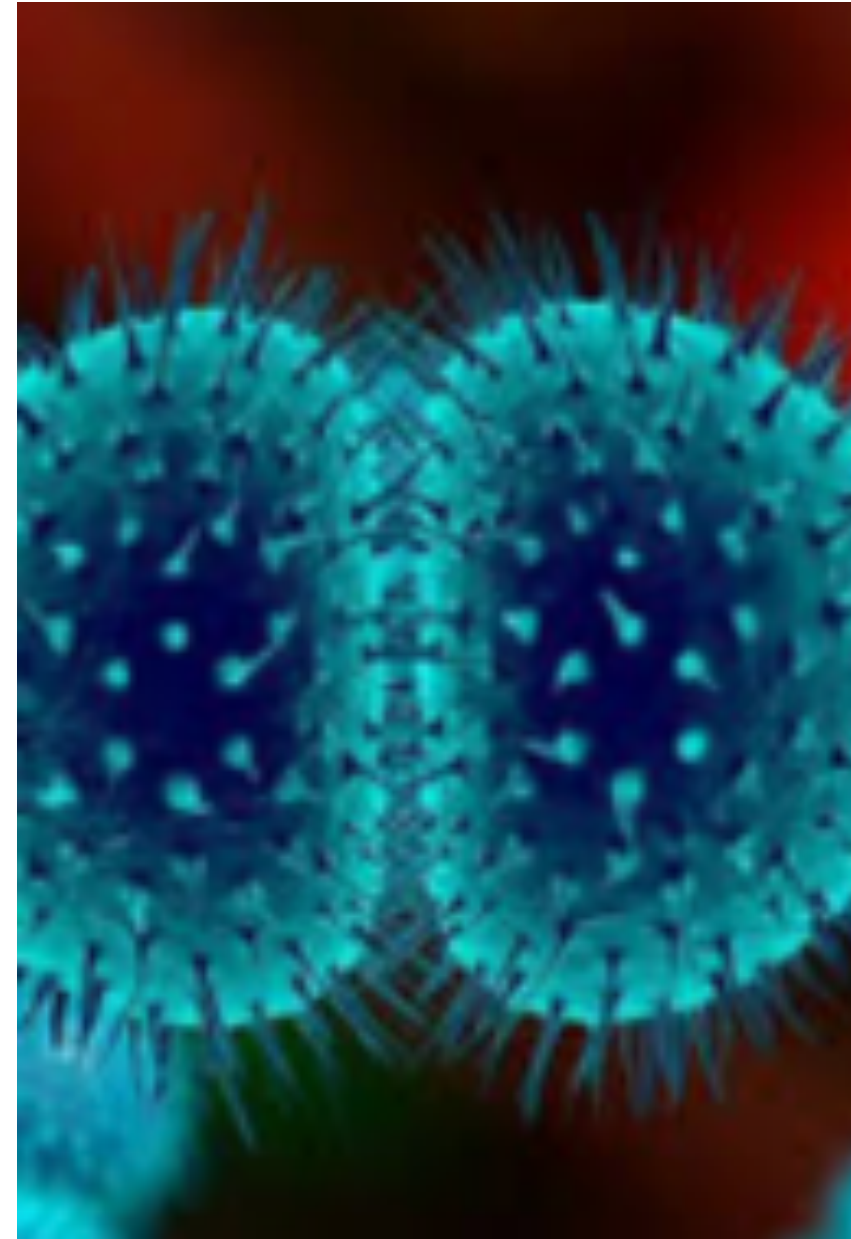


# THE DENTAL CLINIC

Bacteria doublé each 30 mins :

- 1 bacteria after 8 horas becomes into 1 million of bacteria
- 1.000.000 million after 15 hours
- A virus, under normal conditions, can survive between 7 and 180 days with an exponential grow rate.

According to SEIVA (Surveillance system for viral hepatic epidemics) , the infection risk is **4,8 times higher** for a person that has been in a dental clinic during past 8 months.



# SAFETY SPOT



**SafetySpot**  
**SISTEMA DE HIGIENE  
Y DESINFECCIÓN  
AMBIENTAL**

Prevención diaria para una seguridad  
máxima contra las infecciones en el  
entorno Dental, Hospitalario y Salud

COVID 19 has exposed the relevance of prevention protocols and guidelines

Has sensitized about very important problems , the Deep disinfection of surfaces and elements.

- Waiting rooms and non operative áreas
- Treatment rooms

Allowing dentist to work in calm and patients to attend the clinic with no fear.

But, a new problema arises : **TIME**



# SAFETY SPOT

The architecture of a dental clinic can be designed in different versions:

With or without an office.

With fixed or mobile furniture.

With or without shelves.

With or without screens.

The multiple devices and corners, identified as shadow zones, are ideal spaces for bacteria, difficult to disinfect, and impossible between each patient.

Several rooms will have to be modified to adapt to the new hygiene requirements.



A close-up photograph showing a person's hands wearing bright yellow nitrile gloves. The left hand holds a clear plastic spray bottle with a white trigger, which is partially filled with a light blue liquid. The right hand holds a folded blue microfiber cloth. The person is spraying the liquid onto the cloth. The background is a plain, light gray surface. The image is watermarked with 'iStock by Getty Images' in several locations.

Manual Desinfection < 15' impossible



# WHY SAFETY SPOT?

Fed up with long and tedious manual disinfection?

Our SAFETY SPOT is the solution! Thanks to its light and ergonomic design, you will achieve more results with less effort.

No need to wipe or wash the cloth, or get off in awkward positions.

Perfect Swiss Army Knife for deep disinfection, SAFETY SPOT requires less effort than traditional towels and rags. It considerably reduces the consumption of chemical products and at the same time cleans at 360 °.



# SAFETY SPOT CONCEPT

The SAFETY SPOT concept is based on the action of a disinfecting product for surface treatment, AMINOSEPT, distributed by a semi-automatic ULV(ultralight volume) diffuser.

It offers a full spectrum of activity because it is bactericidal, virucidal, sporicidal, anti-fungal, anti-spore, anti-mock, and anti-yeast.

Distributed by SAFETY SPOT, a transparent cloud is created, and upon falling on the surfaces, it is activated. The tiny particles ( $20\text{ }\mu$ ) form a homogeneous cloud, with a complete, non-corrosive action, on all surfaces, including electronic ones.

Drying is fast, almost immediate, and leaves no trace or residue.



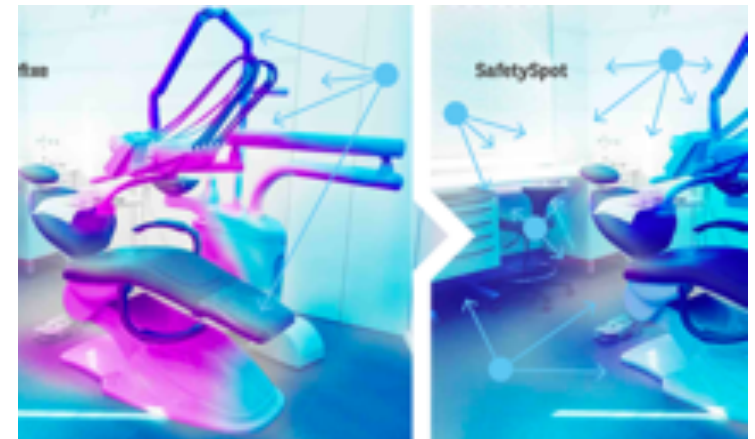
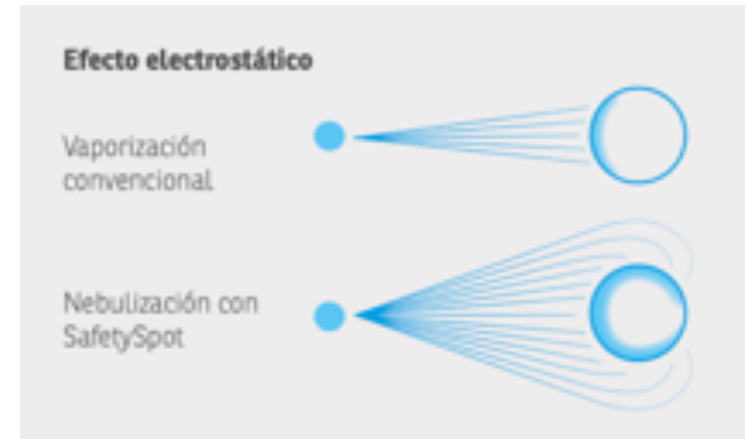
# SAFETY SPOT HANDLING

SAFETY SPOT is a very easy to maneuver ULV diffuser device.

In 1', once used to do it, the operator covers the treatment room with a cloud of disinfection.

It may take a little more time (2' - 3') if the treatment room is made up of several corners.

At 2%, the AMINOSEPT 10 disinfection liquid needs only 15' contact time, fully compatible with the recommendations of the Council of Dentists, allowing deep disinfection between each patient.



# SAFETY SPOT

## TEHNICAL INFO

- ULV diffusor:
  - Ultra Light Volume
- 3 difusión nozzles.
  - Only 1 necessary for a small closed room
- Light and easy to handle.
- PPE required during nebulization
  - Masks
  - Gloves
  - Glasses



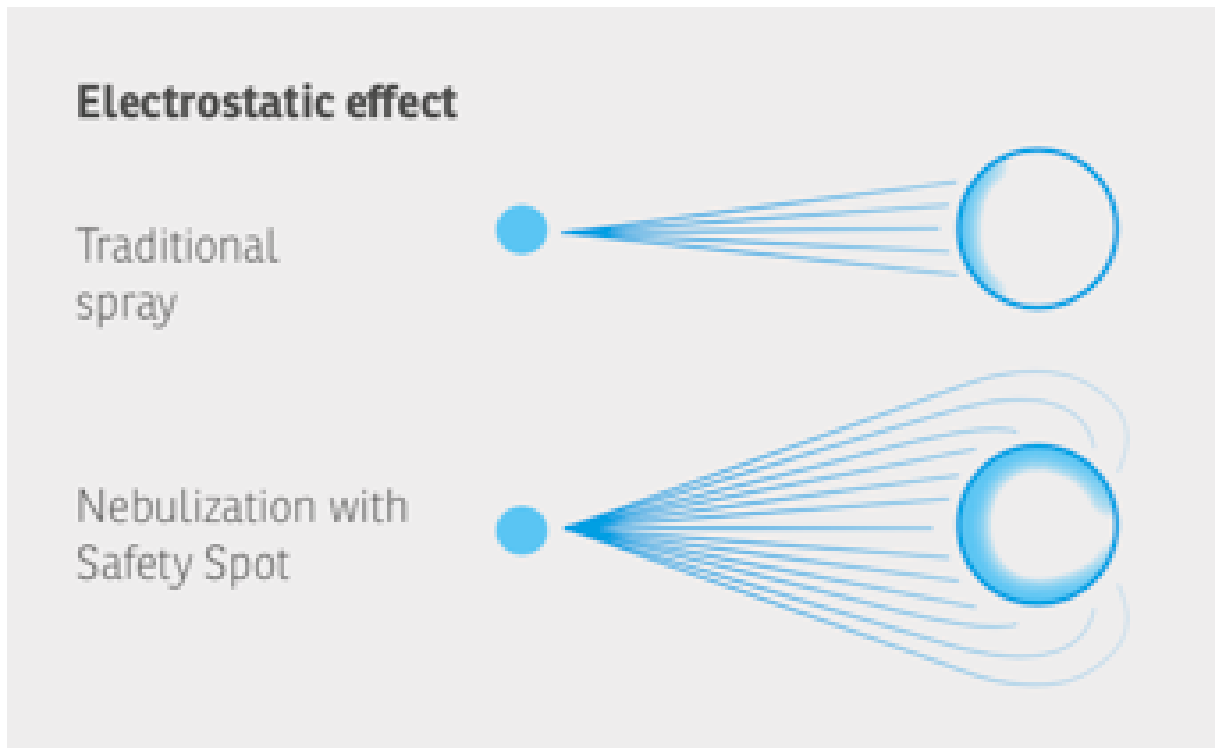
# SAFETY SPOT TEHCNICAL INFO

- Dimensions: 290 x 260 x 430 mm
- Weight: 3,5 kg
- Tank: 5 litres
- Max Power: 30 litres / h
- Particles size: 20 to 60  $\mu$
- Engine: 200 V – 18.000 rpm
- Sound: 69 dB





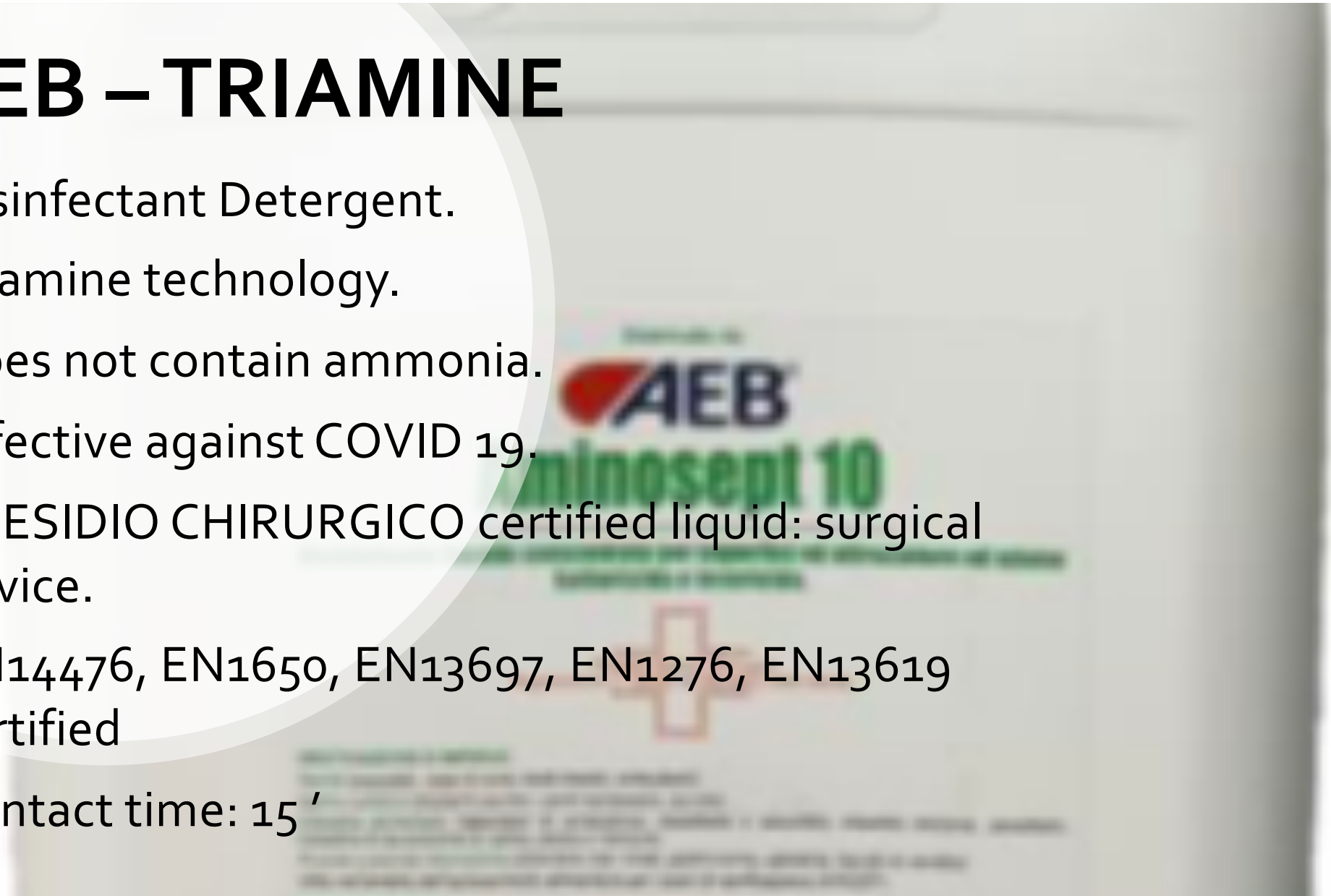
# NEBULIZATION



- Starting from the point furthest from the door, ending near the exit.
- Cover laterally from left to right.
- Very fast diffusion.
- Very little time to cover the areas to be disinfected, including the shadow areas.
- Creation of an ULV cloud: ULTRA LIGHT VOLUME.
- Between 1 'and 5' depending on ability.

# AEB – TRIAMINE

- Disinfectant Detergent.
- Triamine technology.
- Does not contain ammonia.
- Effective against COVID 19.
- PRESIDIO CHIRURGICO certified liquid: surgical device.
- EN14476, EN1650, EN13697, EN1276, EN13619 certified
- Contact time: 15 '



# BIOCIDE ACTION AMINOSEPT 10

- Certified
  - EN14476: Virus
    - 2005
    - 2007
  - EN1650: Fungicidal
  - EN13697: Bacteria
  - EN1276: Bacteria



Data: 10/06/2019

Pagina 1 di 2

Argentina / Australia / Brazil / Chile / China / France / Germany / Hungary / Italy / Portugal / South Africa / Spain / Sweden / USA

Oggetto: ATTIVITÀ BIOCIDICA PRODOTTO AMINOSEPT 10

Presidio medico chirurgico – Registrazione n° 20052 del Ministero della Salute

Il nostro formulato **AMINOSEPT 10** si dimostra efficace nei confronti dei microrganismi.

**AMINOSEPT 10** è stato testato a contatto con diverse tipologie di microrganismi. Di seguito si riportano tutti i riferimenti ai test che ne dimostrano l'efficacia.

#### EN 1276:

Risultato battericida in presenza di albumina bovina 0.3%.

Microrganismi testati:

- *P. aeruginosa*
- *S. aureus*
- *E. coli*
- *E. hirae*

Concentrazione: 1N

Tempo di contatto: 5'

#### EN 1650:

Risultato levuricida in presenza di albumina bovina 0.3%.

Microrganismi testati:

- *Candida albicans*

Concentrazione: 0.5N

Tempo di contatto: 15'

#### EN 13697:

Risultato battericida in presenza di albumina bovina 0.3%.

Microrganismi testati:

- *P. aeruginosa*
- *S. aureus*
- *E. coli*
- *E. hirae*

Concentrazione: 1.5N

Tempo di contatto: 5'

[www.aeb-group.com](http://www.aeb-group.com)

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# AMMINOSEPT 10 & COVID 19

ISS: ITALY HEALTH MINISTRY

Active Principles:

- AMMINOPROPIL
- DODECILPROPAN
- DIAMMINA

Biocide action demonstrated at 1%



Argentina / Austria / Brazil / Chile / France / Germany / Greece / Hungary / **Italy** / Portugal / South Africa / Spain / Sweden / USA

Brescia, 05.05.2020

A tutta la clientela interessata

Oggetto: Conformità nostra formulazione Aminosept 10 alle normative in tema di prevenzione COVID-19

Facendo seguito alla Vs. gentile richiesta, vi confermiamo che le soluzioni preparate con la nostra formulazione Aminosept 10 sono conformi a quanto richiesto dalle disposizioni ministeriali per il trattamento delle superfici in tema di prevenzione da Covid-19.

La materia attiva antimicrobica contenuta nel prodotto, N-(3-AMMINOPROPSIL)-N-DODECILPROPAN-1,3-DIAMMINA non era infatti citata nella Circolare del Ministero della Salute n. 5443, emessa in data 20 Febbraio 2020, primo documento Ministeriale sulle procedure di trattamento delle superfici in ambienti potenzialmente contaminati da SARS-CoV-2. Questo documento citava solamente Ispodona di Sodio, Istanolo e Perossido di Idrogeno tra i principi attivi da utilizzare.

In data 25 Aprile 2020 però, l'Istituto Superiore della Sanità (ISS), organismo tecnico del Ministero della Salute, ha pubblicato un rapporto dal titolo "Raccomandazioni ad interim sui disinfettanti nell'attuale emergenza Covid-19: presidi medico chirurgici e biocidi".

In questa nota emessa "per fornire una serie di informazioni sulla tipologia di prodotti e disposizione e sulle procedure da seguire per limitare la diffusione del virus" viene data "un'ampia panoramica relativa ai prodotti disponibili sul mercato e la loro efficacia".

Tra i principi attivi efficaci presenti nelle formule dei prodotti registrati come PNC viene indicata N-(3-AMMINOPROPSIL)-N-DODECILPROPAN-1,3-DIAMMINA principio attivo di Aminosept 10.

Peraltro anche letteratura disponibile in rete evidenzia quanto questo attivo biocida fosse efficace in concentrazione corrispondente ad Aminosept 10 all'1% su Virus con involucro, simili quindi al Coronavirus, anche in presenza di modeste quantità di sostanza organica interferente.

A Vs. disposizione per ulteriori chiarimenti, cogliamo l'occasione per porgerVi distinti saluti.

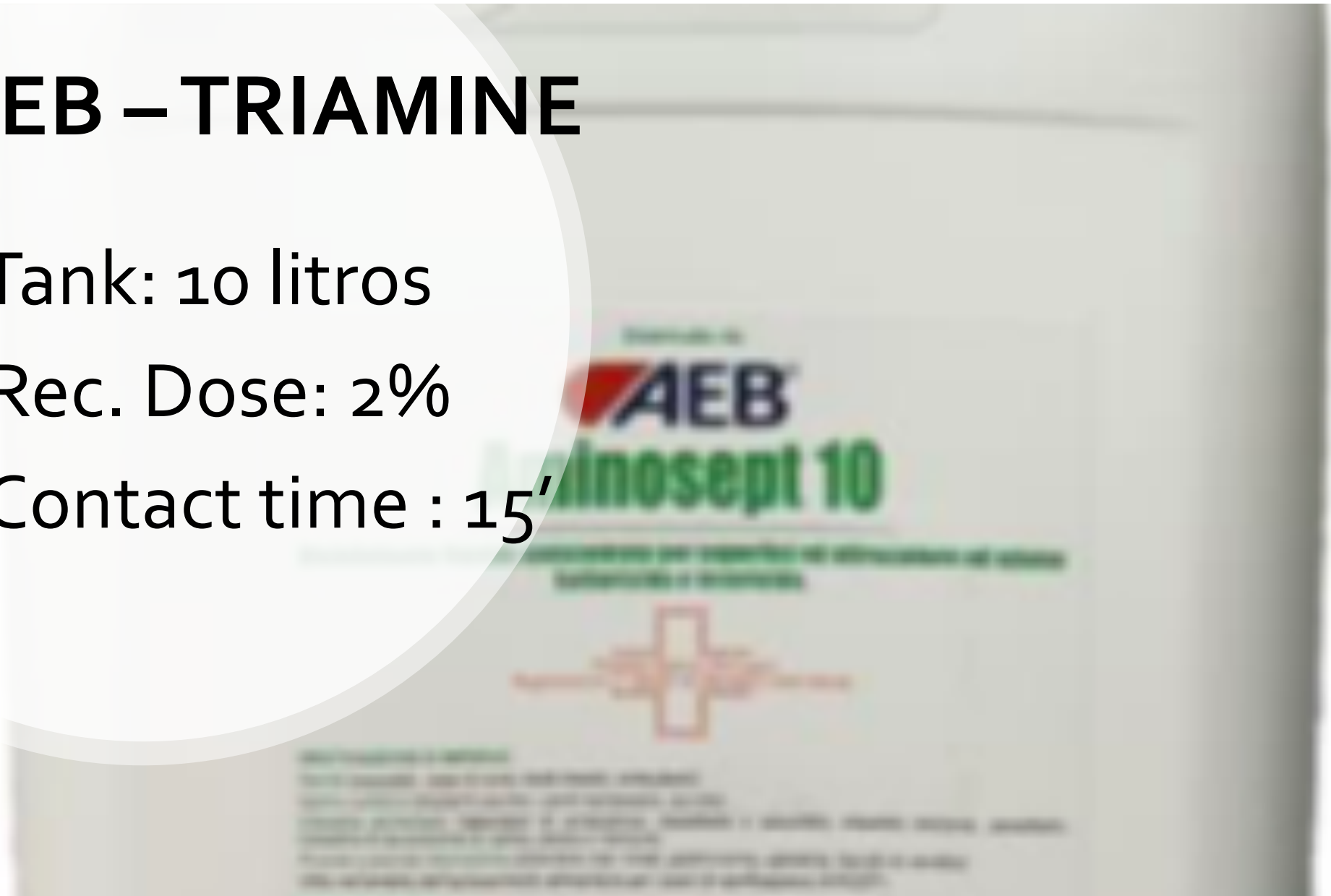
Francesco...  
Brescia, 05.05.2020

[www.aefi-group.com](http://www.aefi-group.com)

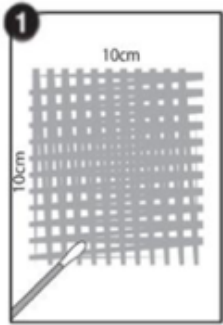
AEB SPA - Via Vittorio Amedeo, 504 - San Polo - 35139 Brescia - Italia - Tel. +39-030-38070 (20 linee) - Fax +39-030-3807081  
[info@aei-group.com](mailto:info@aei-group.com) - E-mail: AEB-030-3807081 - AEB-030-3807082 - AEB-030-3807083 - AEB-030-3807084 - AEB-030-3807085 - AEB-030-3807086

# AEB – TRIAMINE

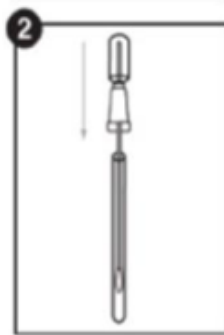
- Tank: 10 litros
- Rec. Dose: 2%
- Contact time : 15'







1.  
USE THE  
CUTTON SWAB  
IN THE SURFACE



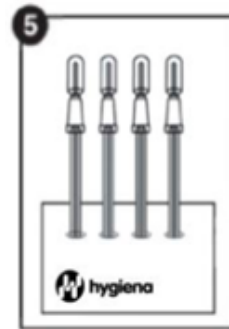
2.  
PUT THE COTTON  
SWAPO IN THE CAP



3.  
ACTIVATE THE  
TEST



4.  
REMOVE



5.  
WAIT 5-10 SECS



6.  
GREEN: OK  
GREY: POSSIBLE  
RESIDUES  
RED: DESINFECT AGAIN

**PROVEN RESULT  
TEST SURFACE AFTER SAFETY SPOT**

## PROVEN RESULT TEST SURFACE AFTER SAFETY SPOT

- PACK 15 TEST = 6,6 €
- 0,44 € PER TEST



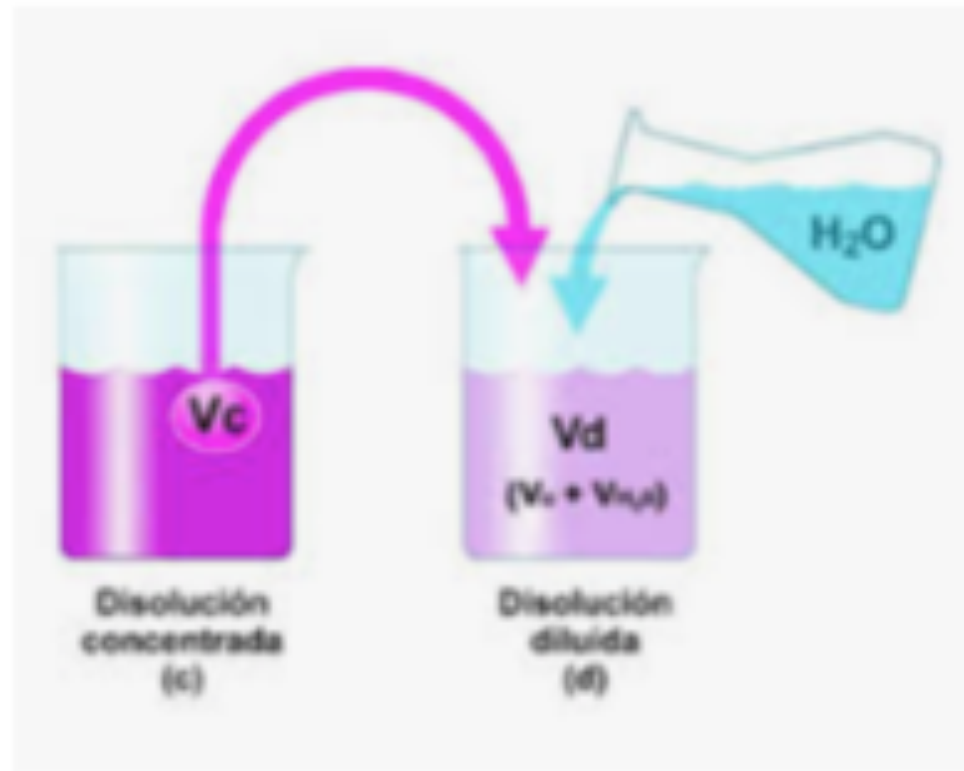
# SAFETY SPOT CONSUMPTION? THE PROFITABLE SECURITY

- 1 minute nebulization: € 0.05
- 1-3 minutes to target and cover all the elements of a standard cabinet.
- The consumption in disinfection liquid is reduced.
- 167 ml per minute = 3.000 minutes for 10L AMINOSEPT

SAFETY SPOT CONSUMPTION	
10L BOTTLE	10 LT
BOTTLE > ML	10.000
LIQUID AT 2% DOSE	500.000
POWER / HOUR	30 LT
POWER WITH 1 NOZZLE	10 LT
1 NOZZLE / HOUR	10.000
MINUTES	60
ML PER MINUTE	167
BOTTLE PRICE (10L)	162 €
ML PRICE	0,0003 €
COST 1 MINUTE NEBULIZATION	0,05 €
COST 2 MINUTES	0,11 €
COST 3 MINUTES	0,16 €
COST 4 MINUTES	0,22 €
COST 5 MINUTES	0,27 €

# DOSE - DILUTION

- 1 LITRE = 20 ML AMINOSEPT @ 2%
  - 1.000 ML > 6 MINUTES NEBULIZATION
- 5 LITRES = 100 ML AMINOSEPT @ 2%
  - 5.000 ML > 12 MINUTES NEBULIZATION
- 10 LITRES = 200 ML AMINOSEPT @ 2%
  - 10.000 ML > 60 MINUTES NEBULIZATION



# FAQs

Frequently Asked Questions



- How long is the Safety Spot cable
  - 5 metres
- How far does nebulization get ?
  - Up to 5-7 metres distance from operator.
- Other chemicals Conflict of Interests
  - Triamine has no ammonia or chlorine
  - Once dry, there is no conflict
- Can we nebulize over a product that will come into the mouth ?
  - Triamine it's used in Food industry
  - But in Dentistry, any product in the mouth must be steril
- Can i use other disinfectants ?
  - Aminosept is a product that can be nebulized and gets dry in a time suitable to be able to manage the Agenda
  - Other manufacturers must inform if their product can be nebulized
  - The selected product must be able to be nebulized, dry by itself , without wiping or rinsing requirements.



# SAFETY SPOT + STERILAIR

- SAFETY SPOT perfect partner for STERIL AIR.
- Sum of forces allows to control 2 critical áreas
  - AIR
  - SURFACES
- With 2 main criteria
  - Dynamic treatment of Aerosols
  - Surface disinfection and treatment (including shadow or dark áreas) in 15 '



# BENEFITS AND ADVANTAGES

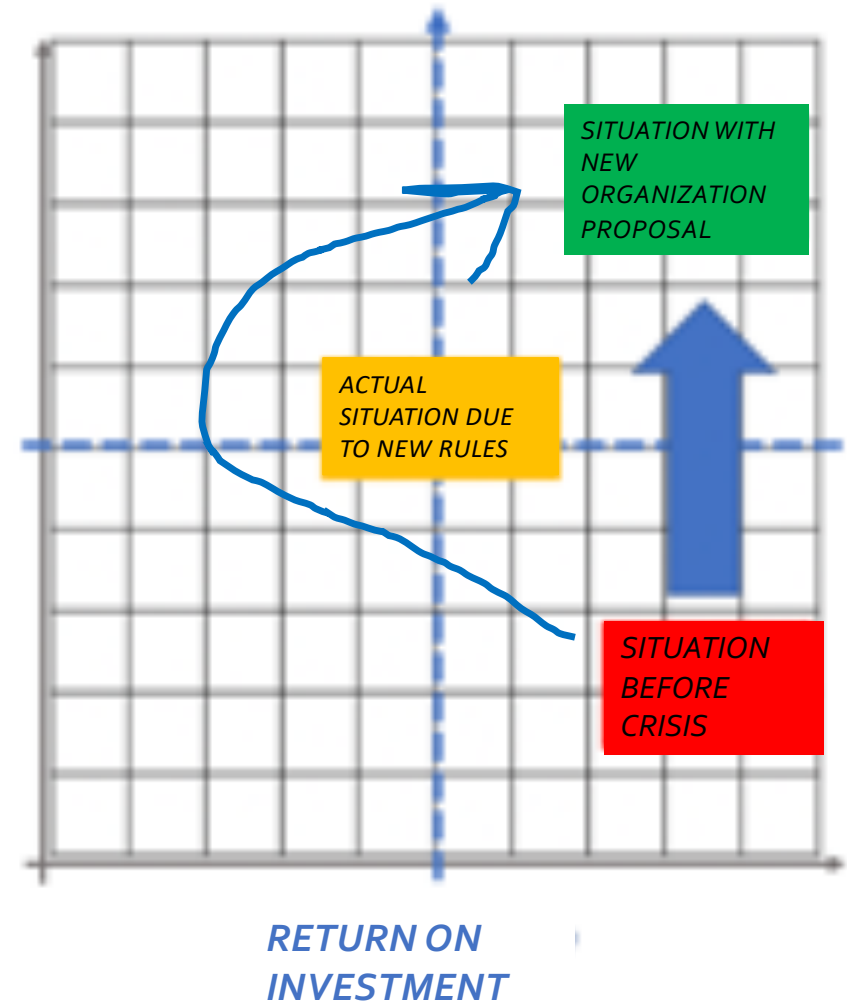


Unique  
Selling  
Point

- What are the advantages of the in-depth hygiene protocol?
- In order to benefit from all the advantages, and to respect the regulations and recommendations, the protocol must be applied rigorously and constantly.
- Let's see together what are the advantages of a strict hygiene protocol
- Elimination of bacteria, viruses, spores, molds and fungi: In-depth disinfection of the cabinet.
- Elimination of bad odors and reduction of fine particles: healthy, pure and pleasant air.
- Protection of personnel and reduction of occupational diseases: Clean air = Quality of life = Better health.
- Reduced freezing of the room: Easy agenda management and profitability.
- In-depth disinfection between each treatment: Safety of the patient and the medical team.
- Regarding regulations and recommendations: Legal protection of the clinic in case of patient demand.
- Communication of the implemented protocol: Transmission of a serious and professional image of the clinic.

# TECNO-GAZ PROMISE: Security & Profitability

*SECURITY OF  
HEALTH TEAM  
AND PATIENT*



# CONCEPT SAFETY SPOT – SUMMARY

TECNO-GAZ has developed the SAFETY SPOT concept, an automated concept for disinfecting surfaces by spraying, consisting of a block that nebulizes an ULV cloud (SAFETY SPOT and soon NEBULA) and a biodegradable disinfectant product (AMINOSEPT 10). The disinfectant products used are liquid products that do not contain ammonia.

The particle size (from  $10\mu$  to  $60\mu$ ) of this cloud ensures uniform diffusion of all targeted surfaces.

All disinfecting products in our range are perfectly biodegradable (no residue after treatment), non-allergenic, non-corrosive to surfaces (including electronic surfaces) and safe for the environment.

The disinfection of the surfaces by air is carried out without the presence of people (and without generating residues on the surfaces after the treatment), so the treatment is without risk to the operator, provided that the recommendations for use are respected.



# CONCEPT SAFETY SPOT – SUMMARY

Disinfection of surfaces by air allows treating difficult to reach and complex surfaces to be disinfected.

The objective is an even distribution of the disinfectant product on the surfaces of the room to be treated.

This innovative concept is extremely simple and fast. Indeed, it is only enough to select a mouthpiece (1 to 3 depending on the volume to be disinfected) and start the treatment.

**3 stages of disinfection with SAFETY SPOT:**

The diffusion time

Contact time

Verification of efficacy (test stick)

The contact time is the time necessary for a uniform deposit of the disinfecting cloud on all the surfaces of the room to be treated, its disinfecting activity and its natural degradation. No intervention is necessary after the contact time.

Our concept of surface disinfection by spraying is efficient against viruses, bacteria, yeasts, spores, and fungi and molds.







FULL HYGIENE  
PROCEDURE FOR DENTAL  
TREATMENT ROOMS

SafetySpot

