



Anti-Microbial Sanitizing Spray

CASSA Anti-Microbial Enzymatic Sanitizing Spray

(Commercial and Domestic Hospital Grade Disinfectant for Anti-Microbial Sanitation)

Cassa BioTec Anti-Microbial 777 Enzymatic Surface Spray & Disinfectant

CASSA 777 Enzymatic Formula is a Hospital Grade Disinfectant Sanitizer that provides a Broad-Spectrum response to Hazardous Contamination.

This Hospital Grade Disinfectant can be sprayed or misted onto any hard surface including glass, ceramic and metallic surfaces. Our 777 Enzymatic Sanitizer effectively Kills 99.99% of Harmful Germs and Bacteria on contact, including Coronavirus COVID-19 (Scientifically Proven) and creates a lasting anti-microbial nano barrier that continues to protect surfaces. Its low corrosive qualities will not damage common surfaces making it vastly versatile across all applications. This Broad Spectrum Sanitizing Solution is Landfill and Sewer safe.



WWW.CASSA-ANTIMICROBIAL.COM



www.cassabiotec.com info@cassabiotec.com.au Tel +61 8597 7642

Anti-Microbial

Sanitizing Spray

KILLS CORONAVIRUS



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CASSA Anti-Microbial 777 Enzymatic Hospital Grade Disinfectant Surface Spray Kills 99.99% of Harmful Germs, including Coronavirus (COVID-19).

Cassa Bio Tec's Anti-Microbial 777 Enzymatic Formula ingredients have been scientifically proven to kill harmful germs and bacterial growth and deodorise by eliminating odours. The coated germicidal barrier is effective against Coronavirus, E coli, Salmonella, Staphylococcus aureus, gram positive and gram negative Bacteria. This broad spectrum sanitizing solution is ideal for laundry, bathroom, toilet and garbage bin disinfecting. Suitable for all hard surfaces.



When **CASSA's 777 Enzymatic Formula** comes into contact with **COVID-19** it targets, engulfs and absorbs the virus destroying its protein cell wall - killing it.

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Cassa BioTec have now developed an advanced formula to control the spread of deadly antibiotic-resistant superbugs, including **Coronavirus (COVID-19)**, which experts fear is on course to affect over 10 million people worldwide. Our research team have completed extensive laboratory trials and formulated an advanced Enzymatic Anti-Microbial Surface Spray capable of combating the transmission of these deadly microbes. **CASSA's Anti-Microbial 777 Enzymatic Formula** is formulated with Phagocytes Enzymes to target, engulf and absorb these deadly microbials. The unique combination of our Enzymatic Formula combined with other strong Anti-Microbial ingredients enable the eradication of bacteria and germs, that thrive, multiply and live on contact surfaces. CASSA's Industrial-Strength Hospital Grade Disinfectant can sanitize virtually every hard surface in minutes.

Public Health

Developed as a direct response to our current World Health Crisis - CASSA's 777 Enzymatic Formula is designed to control and stop the spread of micro-organisms. Every person has a multitude of gram-positive and gram-negative micro-organisms on their hands that can transfer to any surface they touch. This is where CASSA's Enzymatic Anti-Microbial Sanitizing Surface Spray can be used to stop the spread of disease in domestic and commercial environments and public spaces from hospitals to schools, from the local supermarket and service station to your home door handle or personal mobile phone.

Domestic Use

(All household Surfaces, Door Handles, Bathrooms, Vehicles, Mobile Phones & more)

Ideal for domestic use CASSA's Anti-Microbial Enzymatic Sanitizing Surface Spray in the home can disinfect anything made from glass, metallic surfaces, ceramics, computers, tablets and screens, mobile phones, door handles, TVs, handrails, toilets, fridges, microwaves, ceramic floors, wall tiles and many more.

Our mobile phones are one of the worst contaminated personal items we carry around with us and interact with on a daily basis. This item alone significantly contributes to the transmission as microbes grow on the phone and can live there for up to five months. A mobile phone gets contaminated with proteins from saliva and hand contact on a daily if not hourly basis. Research has shown that mobile phones carry 30 times more microbes than a toilet seat.

High Traffic Commercial & Public Spaces

(Hospitals, Ambulances, Schools, Supermarkets, Convenience Stores, Service Stations, Industrial Kitchens, Lifts, Public Transportation, Train Stations, Airports, Airplanes & more)

CASSA's industrial-strength Enzymatic Anti-Microbial Spray can sanitize virtually every surface in minutes with no chemical residue or odor - which makes it ideal for essential high traffic public amenities such as Hospitals, Schools, Public Transportation, Supermarkets, Service Stations and so many more facilities attended by the public on a daily basis. During our current health crisis daily use of the Sanitizing Spray can aid in the prevention of public infection rates. Now available in bulk quantities.

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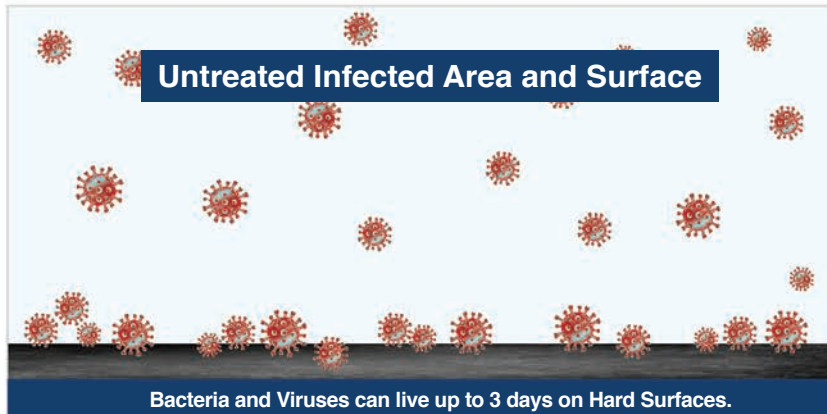


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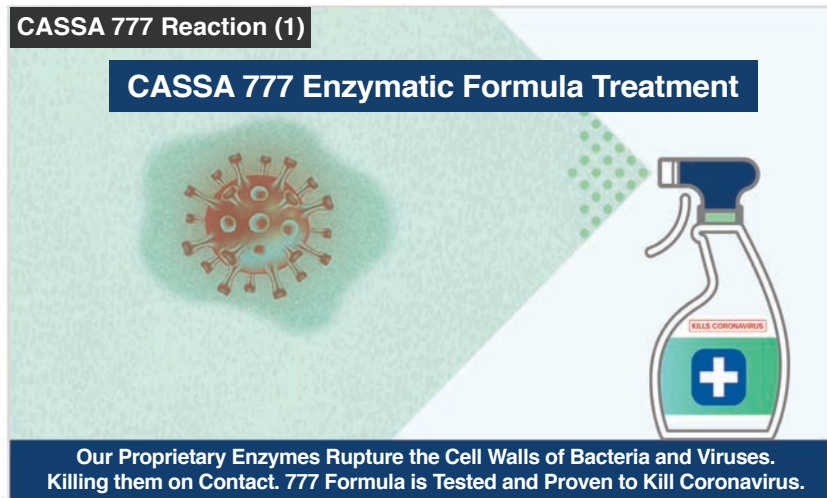
Untreated Infected Area and Surface



Bacteria and Viruses can live up to 3 days on Hard Surfaces.

CASSA 777 Reaction (1)

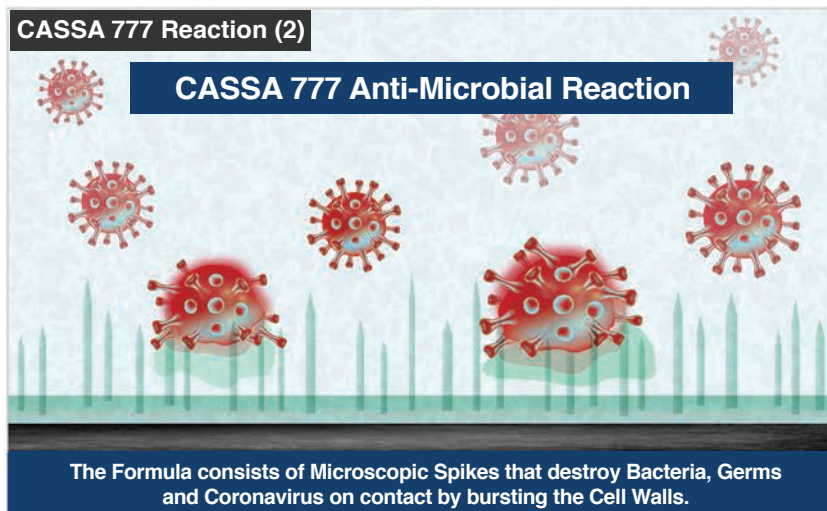
CASSA 777 Enzymatic Formula Treatment



Our Proprietary Enzymes Rupture the Cell Walls of Bacteria and Viruses. Killing them on Contact. 777 Formula is Tested and Proven to Kill Coronavirus.

CASSA 777 Reaction (2)

CASSA 777 Anti-Microbial Reaction



The Formula consists of Microscopic Spikes that destroy Bacteria, Germs and Coronavirus on contact by bursting the Cell Walls.

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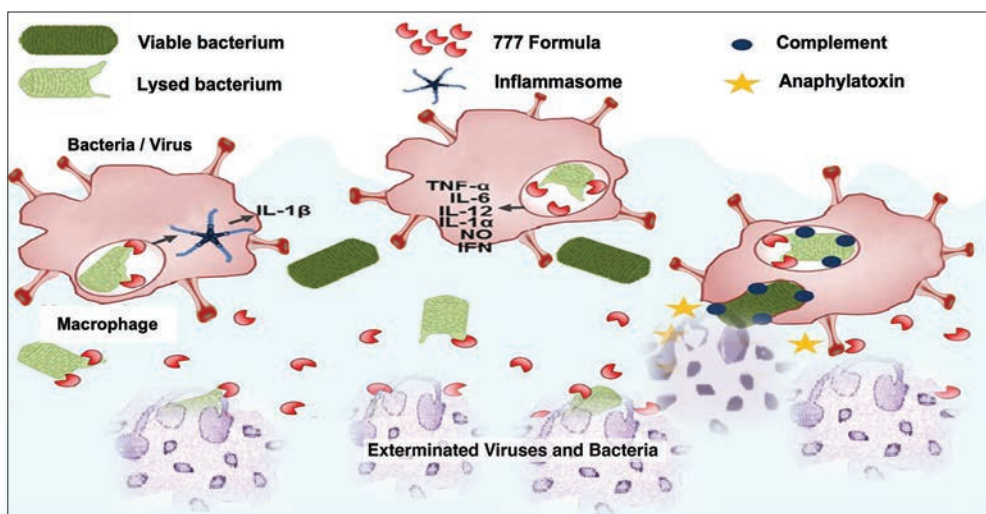


CASSA 777 Formulation Overview

Cassa BioTec Anti-Microbial 777 Enzymatic Surface Spray & Disinfectant

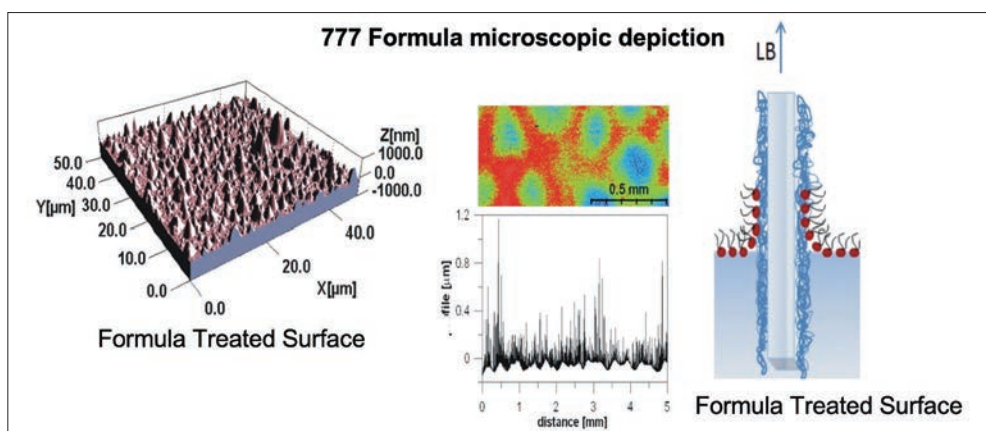
Our researchers have used the latest nanotechnology available to produce the **Cassa BioTec 777 Enzymatic Anti-Microbial Surface Spray and Disinfectant**. This technology utilizes a combined (3) **Three-pronged Lysing Reaction** that terminates airborne and surface contamination.

1 - The Active ingredient Benzalkonium Chloride. Benzalkonium Chloride kills microbes using lysis to disrupt the micro-organism's cellular membrane retaining a spiked microbial nanocoating to protect surfaces.



2 - The Second Combined Reaction of the formula is the inclusion Enzymes that has been formulated with a combination of lysing enzymes to aggressively attack and break down cell membrane walls of gram positive and gram negative bacteria including coronavirus, the process utilises viral, enzymic and osmotic mechanisms that compromises the integrity of all gram positive and gram negative bacteria causing the death of the cell. N-Acetylglucosamine (that we extract in-house).

Biopolymer, N-Acetylglucosamine works in two ways. The interaction with anionic groups on the cell surface that, due to its polycationic nature, causes the formation of an impermeable layer around the cell, preventing the transport of essential solutes. Second, the N-Acetylglucosamine punctures the cell walls, disrupting the cell's food production and its reproduction causing the death of the cell.



3 - The Third Combined Reaction of the formula **DI-Aqua** as a Liquid Carrier - **Dihydrogen dioxide** inactivates contaminated surfaces - **Copper Gluconate** is a natural Anti-microbial - **Citric Acid** a disinfectant that kills Bacteria - **Bronopol** an enzyme booster and Formulation Stabilizer.

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- Kills 99.99% of Bacteria
- Effective Within Seconds
- Alcohol Free
- Scientifically Proven to Kill Coronavirus
- Broad-Spectrum Sanitizer
- Neutralizes Chemical Agents
- Neutralizes Odors on a Molecular Level
- Safe on Commercial, Industrial & Household Surfaces
- Eliminates the need for Hazardous Waste Removal & Storage
- Use Anytime and Anywhere
- Non-Invasive aroma

Product Ingredients

ACTIVE INGREDIENT: BENZALKONIUM CHLORIDE 1% (w/w)

Kills microbes using lysis to disrupt the micro-organism's cellular membrane and inhibiting it's future growth.

DI-Aqua

Liquid Carrier

CASSA Proprietary 777 Enzyme Formulation

Combination of Endolysins Enzymes formulated as Bacteriophages to break Bacteria cell walls as a preventative. This activity then results in the disruption of the normal cellular metabolism of the bacteria, and consequently leads to the death of the organism and the inhibition of its growth and multiplication.

Dihydrogen dioxide

Inactivates contaminating Bacteria

Copper Gluconate

Natural Anti-Microbial

Citric Acid

Citric Acid disinfectant kills Bacteria

Bronopol

Formulation Stabilizer

Cassa BioTec Pty Ltd

Global Research and Development
New Enzyme Biotechnology & Bio-Processes
A Proud Member of E.S.M.B
(European Society for Marine Biotechnology)

Contact

Tel +61 8597 7642

info@cassabiotec.com.au

www.cassabiotec.com

WARNING If swallowed do NOT induce vomiting – drink water and seek medical advice. If skin contact occurs remove contaminated clothing and wash skin thoroughly. If solution comes in contact with eyes, hold open, flood with water for at least 15 minutes and consult a doctor. In the case of an accident or if you are showing signs of ill health, seek medical advice immediately (present label when possible). For advice contact Poisons Information Centre phone Australia 13 11 26 and New Zealand 0800 764 766) and seek medical assistance.

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Directions for Use

Follow directions on label. Intentional misuse could be harmful. Use only as directed.

Liquid Spray

- Remove all foodstuff and packaging from the area
- Clean surfaces and equipment to be sanitized thoroughly and allow to dry
- Ensure that the surfaces have been rinsed thoroughly and are free of detergent residue
- Apply solution to the area and/or equipment to be sanitized (e.g. bench, floor, tub, cutting board, freezer, plate, bowl, utensil, equipment)
- Apply using a cloth, spray bottle, bucket, dipping tub or spraying system
- Do not rinse
- Allow to dry and/or dwell overnight
- No rinsing required once dry - proceed with food preparation

Storage and Disposal

Storage Keep out of direct sunlight. Keep away from heat. Do not freeze. Store upright in original container in cool, dry areas away from small children and pets.

Liquid Disposal Wastes resulting from the use of this product must be disposed of on site or at approved waste disposal facility and in accordance with applicable regional, national and local laws and regulations.

Container Disposal Recycle container where possible or alternatively discard in trash. In the case of product leakage or if spills should occur, dilute with water and dry with absorbent cloth, or dilute with water as it is flushed down the waste water drain.

Warning

Safety Directions KEEP OUT OF REACH OF CHILDREN

Hard surface disinfectant only. Use only as directed. Not to be used on medical devices or other therapeutic goods. Wear suitable protective clothing, gloves and eye/face protection. Do not ingest. Harmful if inhaled. This product is not to be used on skin. May cause skin irritation. Prolonged/repeated use may produce allergic skin reaction. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Causes eye irritation. Avoid contact with eyes. If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre. If irritation occurs seek medical advice. Avoid release to the environment. Refer to Safety Data Sheets and/or Special Instructions.

First Aid If poisoning occurs seek medical advice or contact the Poisons Information Centre. Phone: 13 11 26. If swallowed do NOT induce vomiting – drink water and seek medical advice. If solution comes in contact with eyes, hold open, flood with water for at least 15 minutes and consult a doctor. In the case of an accident or if you are showing signs of ill health, seek medical advice immediately (present label when possible).

WARNING If swallowed do NOT induce vomiting – drink water and seek medical advice. If skin contact occurs remove contaminated clothing and wash skin thoroughly. If solution comes in contact with eyes, hold open, flood with water for at least 15 minutes and consult a doctor. In the case of an accident or if you are showing signs of ill health, seek medical advice immediately (present label when possible). For advice contact Poisons Information Centre phone Australia: 13 11 26 and New Zealand: 0800 764 766 and seek medical assistance.

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Now Available



285ml Spray Atomiser



285ml + 2.5L Value Pack



750ml Spray Bottle



2.5L & 5L Refill



20 Litre Drum



1000 Litre IBC

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