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MIRACLE EVERYDAY L-42 Hospital Grade Disinfectant

PREPARED BY

AUSSAN LABORATORIES INDIA PVT. LTD





Certifications





All ingredients of the product are listed on the USFDA 'Food Additive Status List' Organically Certified by NASAA

Ayush Certified Miracle everyday L-42 Hospital Grade Disinfectant





Efficacy Study Report



EXCELLENCE THROUGH INNOVATION

Miracle Everyday L-42 has been tested and found

effective as,

1) Flies Repellent

2) Effective Fumigation solution

By ROSS LIFESCIENCE, and NABL accredited Lab



In light of the COVID-19 outbreak, disinfection and sanitation have taken primary importance in various industries including "aviation".



Identified routes for the transmission of infection on board the aircraft are categorized as follows:

 Respiratory droplets, or suspended airborne particles, or both, directly inhaled by the passenger

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 Contact with respiratory secretions, faecal matter or body fluids deposited on surfaces or, for maintenance crews, entrained in ventilation systems.



The Problem

A major concern is that the causal virus can remain in the airport or aircraft environment by contaminating common surfaces after the infected traveler has departed.

Considering that it may be difficult to identify an aircraft carrying an infected person, the focus should be on:

 The assumption that all aircraft are periodically occupied by infected travelers and therefore require routine and frequent cleaning and disinfection; and The fact that certain events (e.g. persistent coughing on board) may increase the risk of disease transmission and that such incidents should be investigated so that, if a case of communicable disease is suspected, it leads to specific disinfection measures.





The Plan

AIRPORT

Addressing the challenge of managing potential contamination in a large public space, such as the terminal building.

AIRCRAFT

Taking into account the unusual features of the aircraft cabin in comparison with a ground-based facility so as to ensure complete and effective sanitation.

The Challenge

Traditional alcohol-based and other chemical-based disinfectants tend to be oxidizers, and the interior of an aircraft contains many materials susceptible to damage from these cleaning products and disinfectants.

Metals used in the construction of the aircraft may corrode upon exposure to such products.

Safety-critical cables and wires may deteriorate on exposure. Aircraft furnishings may have their fire resistance properties reduced.

It is therefore necessary to exercise caution in selecting suitable products before applying these products in aircrafts. Miracle

aussan



The Solution

Aussan Disinfectants

Greenfields offers a unique range of disinfectants that provide a one-stop solution for all kinds of concerns regarding disinfection and sanitation in aviation.

The "Aussan L42" has been tested to be *effective against COVID-19* at just 6% concentration level (Eurofins certificate attached). Additionally, these disinfectants are *100% Natural* and free of harmful toxins as opposed to the traditional ethanolbased or isopropanolbased disinfectants. Our Cleaning Products have been formulated to deliver exceptional disinfecting power without compromising the health and safety of people and our environment.

It is essential to provide a hygienic environment for travelers. Prevention or mitigation of disease transmission is **the goal**.





Fact - check

The products currently being used by airlines, such as Qatar Airways, for cleaning and disinfection are made from Alkyl Dimethyl Benzyl Ammonium Chloride which is highly toxic.

These products are claimed to be safe.

This statement is easily arguable as Alkyl dimethyl benzyl ammonium chlorides (BACs) are a type of Quaternary Ammonium Compound (QACs) that has been implicated in causing adverse health effects.

Exposure to QACs does have the potential to cause serious and **unpreventable** health effects.





Traditional disinfectants vs. Aussan

Traditional Disinfectant

Typical disinfectants are mainly chemical agents used to kill all recognized pathogenic microorganisms on inanimate objects on different surfaces.

There are no 100% organic disinfectants. Everything that is branded as organic disinfectant is originally a chemical compound with organic based additives, but the active substance is a pure chemical.

Although they have not been tested for effectiveness against viruses such as coronavirus, disinfectants can help reduce the risk of infections spread through microorganisms.

Aussan Disinfectant

Aussan is an organic sanitizer. The active ingredient is *Octanoic acid* (known also as Caprylic acid) which is a saturated mediumchain fatty acid. It is found naturally in the milk of various mammals and is a minor component of coconut oil and palm kernel oil.

The bioflavonoids used in Aussan are derived from citrus pulps, and do not contain harmful elements

Aussan has been tested for virucidal activity against the Murine Hepatitis Virus (MHV-1), a member of the Coronavirus family that has been used as a surrogate for the SARS coronavirus in published disinfectant studies. Results proved that Aussan has a virucidal efficacy against coronavirus after only a 10 minutes exposure, at room temperature.

Due to its Non-Alcoholic nature, Aussan has an edge over conventional disinfectants as it does not evaporate and stays for up to 6 hours, as opposed to conventional alcohol-based and other chemical-based disinfectants.





THANK YOU

Presented By

aussan

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