



PANDEMICS AT THE SPEED OF LIGHT

Business Globalisation has made the world seem so much smaller than what it actually is; and it requires businessmen to be in London today and Sydney tomorrow. The information technology age has not only managed to keep up with the phenomenal pace but has helped push it even further. Air travel has also become more affordable to the masses, thus travelling to far away countries is no longer for the elite or the business person.

Because of all this, a lurking danger begins to rear its ugly head. Microbial, in the form of disease, germs, bacteria, viruses, spores, pathogens etc. become our unwanted travelling companions; and epidemics can spread from one country to another at a frightening pace and Pandemics are born. **SARS** was a classic example on how a virus can spread from one country to another within hours. The **SARS** virus travelled the globe within days and cases were discovered as far away as Canada from the first reported case in China.

Like terrorism, epidemics are no longer far flung notions of a few God Fearing People but have become an everyday reality. The Spanish Flu killed almost 40 million people worldwide and that was during an age where air travel was still in its infancy. What kind of statistics can we expect from a modern day pandemic like the Bird Flu? Renowned scientists have put the figure at 150 million and a global recession which would leave businesses and lives shattered and would take a whole generation to recover. Many scientists warn that the Bird Flu Pandemic is a reality and the question is not 'will it happen?' but 'when will it happen?'

The old saying: '**Prevention is better than cure**' makes even more common sense now than ever before. The best line of defence against such a disaster is to prepare ones immediate self with proper face masks, constant disinfection and constant changing of clothing. The second phase is to constantly disinfect ones immediate surroundings to prevent any form of microbial from colonising. To be this vigilant is not only time consuming but mentally and financially taxing, hence the search for a product that can continually disinfect safely and effectively.

The **Altimate EnviroCare Services Pte Ltd** Product Range can do just that. Its product range main ingredient is Titanium Dioxide (TiO2) which is world renowned for its ability to destroy and decompose microbial continuously with light. The EnviroCare TiO2 range also has the ability to destroy the **SARS** and the **Avian Flu Virus**, because all viruses share the same genome and if one can be destroyed, so can the others.

INTRODUCTION TO THE ENVIROCARE TiO2 PHOTO-CATALYST COMPOUND RANGE

After extensive Research and Studies, Titanium Dioxide (TiO2) has gained a huge world-wide market as a Photo-Catalyst for the continual destruction of microbial, VOC's, minor anti-stain and self cleaning properties (due to the super hydrophilic nature of TiO2) when exposed to light.

However, it is actually ones R&D to create specific products for specific requirements that is more important. A TiO2 Compound can have better odour absorbing capabilities than self-cleaning (indoor versus outdoor). Hence there is an improbable chance that a single TiO2 Compound can have all capabilities at its best and all at one go by utilising the same TiO2 molecule and 'binder'. The 'binder' is the main secret and success of the **EnviroCare TiO2 Compounds** ability to bind onto any surface for a longer period of time compared to most of the competition. The other part of the products success is the ability of the TiO2 molecule to work with a wider light spectrum and responding faster and more effectively than those that can only function under UV Rays.

The **EnviroCare's Product Range** response to light is the same as the phenomenon called Photo-synthesis. This Photo-excitation process produces active oxygen and radical agents on a treated TiO2 surface area and are the main destroyers of microbial and odour; and provide the all important self-cleaning and super hydrophilic effects.

THE ENVIROCARE TiO2 K1 MICROBIAL / ODOUR ELIMINATOR PHOTO-COMPOUND HANDSPRAY

Is a handheld pump action spray that is capable of destroying airborne microbial while it is actually airborne! The product can be sprayed even onto face masks to make them more effective in microbial destruction. Most face masks are equipped with anti-bacterial coatings which can only inhibit but cannot destroy bacteria growth and an accidental wipe of the contaminated mask with an exposed hand might allow contamination to take place by allowing the microbial to be transferred and resettled onto a surface that might not be protected.



However, it is not semi-permanent unlike the **EnviroCare TiO2 M1-S & M5 PhotoCompound**.

The **EnviroCare K1 TiO2 PhotoCompound** comes in a 250ml / 120ml bottle and is easily affordable.



THE ENVIROCARE TiO2 M1-S ANTI-BACTERICIDAL / ODOUR PHOTO-COMPOUND

is a concentrated compound that comes in 120ml plastic bottles with a concentrated level of 1:40. Hence it is mixed with one part of the product and forty parts of clean plain water.

It is designed as a D.I.Y product and all you have to do is mix the concentrated solution with warm water and soak your already washed and dried textiles into the solution for a few minutes, hand squeeze and hang out to dry. The textiles will become anti-bactericidal and odour resistant for the next fifty (50) washings and more from just this one treatment! Tests conducted by **SETSCO** laboratory proved this lifespan claim. Hence your favourite shirt or dress can become anti-bactericidal and anti-odour from this simple treatment. Other good uses for this product are your towels, dish cloth, rugs, undergarments et cetera.

The remainder of the solution can then be poured into a plastic spray container and sprayed onto cloth / textile items that cannot be easily soaked due to their cumbersome size ie. a baby's pram, kiddy mattress covers & cot, rugs and even cloth furniture. Hence there is absolutely no wastage and full usage of this unique product.

THE ENVIROCARE M5 PHOTO-COMPOUND (FOR MOST SURFACES)

has a higher photo-catalytic and decomposition nature which allows the compound to work faster and more effectively than most. This is due to its ability to be more sensitive to a greater light spectrum which includes Ultra-Violet (UV) and Blue' Light and commands approx. 28% of the total amount of light being produced. Most other TiO2 based products can only work within the UV light spectrum which commands only 3% and 5% of energy found in fluorescent and sunlight respectively. The **EnviroCare TiO2**



M5 Photo-Compound is capable of destroying microbial and VOC's much faster and more efficiently than its ability to absorb and destroy organic odours. Hence, should you wish to treat your vehicle interior, a combination of M5 & M1-S is normally used.

The **EnviroCare TiO2 M5 Photo-Compound** is difficult to remove via normal cleaning methods due to its high scratch resistance level and the compound will remain

in place for a longer period of time without diminishing its capability with a theoretical lifespan of up to five (5) years.

The **EnviroCare TiO2 M5 Photo-Compound** is not a D.I.Y product and requires a trained technician for the application process. Establishments using this highly successfully product include Changi General Hospital, KK Women's and Children Hospital, Tan Tock Seng Hospital, Meritius Mandarin Hotel et cetera.

THE ENVIROCLEAN DETERGENT

has the ability to create an extremely high amount of oxygen when added to water and having minimal soapiness. This unique detergent works effectively as a residential cleaning agent for cooking utensils, floor, house & glass cleaning, clothes / textile washing. Due to the lack of soapiness, the **EnviroClean**

Detergent is ideal for laundry washing without requiring rinsing. Hence the cost savings of electricity and water is up to 70% per wash.

The **EnviroClean Detergent** can also be used effectively as a carpet cleaning agent and has the ability to clean even Persian Carpets without discolouration being a nightmare. It can even be used to clean your air-conditioning systems without causing corrosion to the cooling fins.

The **EnviroClean Detergent** has been tested by **SETSCO** confirming its microbial destruction rate and efficacy.



For more information on our unique and effective product range, kindly visit our website at 'www.altimateenvirocare.com' or call Ms Sandy (mobile 9071-0646) at our main office (6266-3378).

You may also contact Mr Robert Ng (mobile 9693-0887) of Healthy Homes Marketing Pte Ltd who is our Approved Distributor at 6846-3288.

Enquiries for Distributorship of our products locally or worldwide can be forwarded to 'admin@altimateenvirocare.com'

You Name it, we enviroclean it!

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