

ÆGIS ASIA introduces two forward defense mechanisms against bird flu H5N1.

With the recent bird flu H5N1 outbreak around the world, many organizations are looking for solutions to protect and enhance the defense preventive mechanisms in their indoor environment.

ÆGIS ASIA is please to offer multifold benefit programs where not only the war against H5N1 is addressed, but coupled with a treatment of a bonded non leaching antimicrobial which will give long term protection by inhibiting the growth of pathogenic micro organisms in your indoor environment.

Ox Bio⁺ disinfectant biocides proven effective against H5N1 Avian Influenza

Forward Defense

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Following independent research testing conducted by the Malaysian & Thailand Government research laboratory, **Ox Bio⁺** disinfectant biocides has been proven efficacious against the highly pathogenic H5N1 Avian Influenza virus.

The tests confirm that **Ox Bio⁺** completely inactivate the H5N1 virus with dilution concentrate as low of 0.5% when tested on a minimum ten minute exposure time under laboratory test conditions based on method of Office International des Epizooties (OIE) . **(Test report available upon Request.)**

As outbreaks of Avian Influenza continue to occur across Asia and into Europe and North America, we must look at all available ways to prevent the spread of the disease. **Ox Bio⁺** disinfection is one of the most efficient on the market, with research data proving efficacy against many other pathogenic micro organisms.

"The World Health Organization (WHO) has specifically identified glutaraldehyde, detergents and **quaternary ammonium** products as effective disinfectants against the Avian Influenza virus. The WHO also indicates that the virus "remains viable for long periods in tissue, feces and water, but is high susceptible to disinfection."

Transmission methods



Forward Defense

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ÆGIS Microbe Shield, a surface bonded long lasting non leaching antimicrobial

ÆGIS antimicrobial is based on the active molecule **quaternary ammonium**, highly-effective proven broad spectrum microbicide molecule. **ÆGIS™ Antimicrobial** is a non-volatilizing, non-migrating material which utilizes a unique surface modifying technology to impart safe and lasting antimicrobial activity to treated surfaces. It is specifically registered with the Environmental Protection Agency for treatment of indoor hard and soft surfaces (EPA No. 64881-3), making it safe to use on surfaces that can harbor pathogenic micro-organisms in indoor environment.

Environmentally Safe

The ÆGIS Microbe Shield Technology is safe for the user and the environment. It contains no arsenic, heavy metals, or polychlorinated phenols. With ÆGIS treated surface, the cell membrane of the microbe is physically ruptured by a stabbing and electrocution action. It is chemically bonded to the treated surface making it a permanent part of the surface and allowing it to remain functional even after long term use that may include hundred of cleanings. Since it is not consumed and does not dissipate, the antimicrobial is not depleted and continues to control microbial growth over time.

Ride on the Unique Qualities of ÆGIS Microbe Shield Advantage

Safe to human and the environment

Many biocides and leaching antimicrobial agents contain phenols, heavy metals, arsenic, mercury and silver which are not only harmful to micro organism, but also to humans.

- ÆGIS is a sharp contrast against the conventional biocides, **it is not a poison** and is so safe to human, that it is even treated on baby diapers to prevent nappy rash.
- ÆGIS reduces the need of using toxic chemicals because microbial pollutants are under control
- ÆGIS is non leaching. It is bonded to a treated surface, and does not leach or create an environmental that promotes adaptive microorganism.
- ÆGIS is anti viral and anti microbial. Kill two birds with one stone, and get immediate and long term benefits like reduction of microbial activity and spikes in your treated indoor environment.

ÆGIS Works 24 hr, 7 days a week, 365 days

In indoor environments, micro organisms are usually the most significant surface and airborne biological pollutants affecting human health. Although most individuals are breathing ambient concentrations of airborne microorganism's spores, exposure to pathogens or high microbial spike can lead to long and short term ill health effects.

What protects your environment after you clean or disinfect, only to see micro organism start re-contaminating again. A microorganism does not grow in the air, it needs a receptive surface to grow and amplify. ÆGIS unique technology is the mechanism which inhibits the growth of microorganisms by modifying its surface.

About Us

AEGIS ASIA provides assessment and consultancy services in the fields of environmental diagnostics through testing, inspection, bio decontamination and the application of technology with the aim of achieving a safer indoor environmental quality.

Our vast experience, track record and expert resources in the multi discipline areas give you the advantage of a one stop centre. As the market leader in environmental source control and eradication, AEGIS ASIA has gain an edge in providing solution where other companies have yet to venture.

AEGIS ASIA recent landmark success was completing the "world's largest bio decontamination" of the Hospital Sultan Ismail, which was shut down due to microbial infestation. The AEGIS Technology was chosen because of its unique non leaching, durable, safety properties and proven effectiveness against pathogenic microorganism.

**A fast, expert response
makes the difference.**



Simply put, we're ready.