

Zagro develops H5N1 disinfectant against bird flu



SINGAPORE-based Zagro has come up with a wide-spectrum disinfectant Ultraxide, which the company says prevents the spread of bird flu by combining both glutaraldehyde and Quaternary Ammonium Chloride (QAC) compounds.

Glutaraldehyde has the property of binding itself to proteins and possesses very strong virucidal activity. Being strictly hydrophilic, glutaraldehyde cannot cross the cell's lipid membrane or the coating of lipophilic viruses. However, with a stabilised combination technique with QAC, Ultraxide's formula allows glutaraldehyde to kill germs from the inside. This is possible because of a synergistic blend with highly tensio-active QAC, which are cationic tensio-active agents.

While the animal nutrition community is currently developing vaccines for bird flu, the best method to fight its spread and infection would be to implement disinfection and bio-security measures which prevent the virus from thriving, said Zagro. Until such time when the virus can be effectively contained and eradicated by vaccines for both birds and humans, observing strict bio-security is the only option.

Zagro is a manufacturer and distributor of healthcare products for livestock, poultry, aquatic animals and crops. 