

GPC8

The Solution for Biosecurity

Livestock Protection



Evans Vanodine International plc
Biosecurity products for the poultry industry

GPC8

The disinfectant for the poultry industry

Farmers today are more aware than ever before, that the environment in which animals are kept is vitally important to their performance, and nowhere on the modern farm is this more evident than in the broiler house.

Whilst farmers can ensure that stress levels are as low as possible by keeping stocking densities, dust and ammonia levels under control, it is vital that a hygiene programme is followed to reduce the risk of infection.

Disease can cause financial losses not only as a result of high mortality rates, but also because it can cause poor feed conversion ratios in birds that are struggling to fight off infection.

An essential element in a successful hygiene programme must be a disinfectant capable of killing the bacteria, fungi and viruses which cause the major poultry diseases.

Evans Vanodine International have developed such a product

GPC8 is a patented glutaraldehyde based disinfectant that is effective against a broad spectrum of micro-organisms, and has been extensively tested in both the laboratory and in the field.

GPC8 differs from other types of glutaraldehyde based disinfectant due to its patented formula. **GPC8** contains a synergistic blend of quaternary ammonium biocide which vastly improves the killing power. Secondly **GPC8** contains a higher level of surfactant than any other similar disinfectant in the world. This gives **GPC8** the ability to penetrate absorbent surfaces and heavy soiling in order to give the greatest killing power and protection against disease causing organisms.

Finally **GPC8** is stabilized to give the maximum level of activity for up to two years, ie. **GPC8** does not degrade under unfavourable storage conditions in the way that lower cost unformulated glutaraldehyde products can.

Diluted to varying degrees, **GPC8** can be used not only as a terminal disinfectant between crops and to disinfect water systems, but it can also be used for aerial disinfection to keep the level of pathogenic micro-organisms low.

Effective dilutions of **GPC8** against a range of poultry pathogens

Bacterial Disease	Effective Dilution
Arizonosis	1 : 200
Colisepticaemia	1 : 200
Fowl Cholera	1 : 400
Pullorum	1 : 200
Salmonellosis	1 : 400
Staphylococcal Infections	1 : 1000
Fowl Typhoid	1 : 100
Yolk Sac Infection	1 : 250

Viral Disease	Effective Dilution
Egg Drop Syndrome	1 : 100
Infectious Bursal (Gumboro)	1 : 100
Infectious Laryngotracheitis	1 : 400
Newcastle (Fowl Pest)	1 : 190
Avian Influenza	1 : 200

Fungal Disease	Effective Dilution
Aspergillosis	1 : 10
Moniliasis	1 : 100








Used as part of The Biosystem 3000 cleaning and disinfection programme, **GPC8** will reduce the microbial challenge and result in healthier birds and, of course, financial savings.

More complete information on the efficacy of **GPC8** can be found in The Technical Manual, available upon request.



As with all disinfectants **GPC8** should be handled carefully. Protective clothing, gloves and goggles should be worn when using the disinfectant through a power washer, and when preparing dilutions from the concentrate.

Biosecurity Programme

-  **Set up a vehicle washing and disinfection programme where necessary.**
-  **Instruct all workers and visitors in correct procedures to reduce cross contamination.**
-  **Never forget outside areas and the water system are potential sources of microbial contamination.**
-  **Foot baths should be filled with a suitable dilution of **FAM 30** and cleaned and refilled regularly, they should be at the entrance to each house.**
-  **Clean equipment and hose thoroughly with **SHIFT** detergent before disinfecting.**
-  **Ensure all areas of the house are covered by **GPC8** disinfectant during terminal disinfection.**
-  **Ensure the effectiveness of your system by monitoring micro organism levels before and after disinfection.**



Other Evans Vanodine products for the poultry industry

FAM® 30

Multi-purpose iodophor disinfectant

- DEFRA approved disinfectant
- Passes European Standard EN 1656
- Bactericidal, Fungicidal and Virucidal
- Active in the presence of organic matter
- Colour coded: colour fades as iodine diminishes
- Biodegradable and stable



VANODOX

Disinfectant

- DEFRA approved disinfectant
- Hydrogen Peroxide/ Peracetic Acid based formulation
- Bactericidal, Fungicidal and Virucidal
- Effective against the spores of *Aspergillus* species
- Very low dilution rates and excellent cost in use
- Passes European Standard EN 1656 and 1657



SHIFT

Power Cleaning Detergent

- Alkaline detergent for use through foam cleaning and pressure washing equipment
- Suitable for use in hard or soft water
- Suitable for removal of heavy soiling
- Can also be used for soak cleaning if required
- Low cost in use



GPC8™

Disinfectant

- DEFRA approved disinfectant based on glutaraldehyde and QAC
- Passes European Standard EN 1656
- Biodegradable, patented formula
- Bactericidal, Fungicidal and Virucidal
- Non-staining and non-irritant at working dilution
- Prolonged residual activity

Evans Technical Support and Advice

In addition to the supply of a complete range of chemical disinfection products EVANS VANODINE INTERNATIONAL PLC offers a variety of training and technical manuals and provides information and instructions for your staff, explaining the most up to date and efficient methods of cleaning and disinfection in the poultry industry.

Your local EVANS VANODINE representatives and members of the international sales team are available to answer your questions and will offer you the technical support you expect from an international supplier.

Safety data sheets are available for all Evans Vanodine cleaning and disinfection products and full details can be supplied upon request.

Technical Manuals



Evans Vanodine International plc

Established in 1919, Evans Vanodine International PLC is based in Preston, Lancashire, where the company's modern 100,000 square foot factory includes extensive manufacturing and warehousing facilities and stands on a site of 5 acres.

Dedication to total quality management was recognised in 1990, when the company was awarded British Standard 5750 Part 2: 1987, Certificate No. 09535.



This has now been updated to BS EN ISO 9001: 2000.

Working within the company's modern Research, Quality Assurance and Microbiology

Laboratories, highly qualified and experienced staff have the most advanced analytical instrumentation at their disposal, which contributed to the Microbiology

Laboratory being awarded a national accreditation (UKAS) for Disinfectant Testing Cert. No. 1108



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