

Sterilite™ Plus

Enhancing performance through innovative chemistry whilst ensuring environmental and user safety.

Sterilite Plus brings a novel approach to livestock disinfection with exceptional performance matched by exceptional safety to the user and environment. The farmer can be confident that all disinfection needs are fully met.

Sterilite Plus consists of hypochlorites, which release chlorine at the cellular level. Hypochlorites normally require an alkaline pH for stability; but to inactivate viruses, a pH of 2-3 is needed. Sterilite Plus is a mixture that allows hypochlorites to remain stable at the low pH of 2-3.

After extensive research, the formulation was based on two specific core ingredients producing a unique synergistic combination. These two components, Gluteraldehyde and Cocobenzylidimethylammonium Chloride, are far more effective in combination than as two separate entities.

Gluteraldehyde damages the cell wall and inhibits metabolism in bacteria and damages the protein coating of viruses. Cocobenzylidimethylammonium Chloride damages the cell membrane of bacteria and the lipid envelope of viruses.

- Kills at exceptionally high dilutions as approved by UK MAFF

Swine Vesicular Disease	1:1300
Diseases of poultry	1:300
- Exceptional performance against food poisoning organisms

E. Coli 0157	1:320
Salmonella	1:320
Campylobacter	1:320
Listeria	1:600

Sterilite Plus can be made up into a working solution that will last for 7 days. Sterilite Plus contains a dye that disappears when the product is no longer effective.

Recommended application rates:

For routine applications, use at a dilution of 1:300 (for example, 100g in 30L of water). For calf housing, animal pens and for fogging, use at a dilution of 1:100 (for example, 100g in 10L of water). Where there is a known disease problem, use at a dilution of 1:75 (for example, 100g in 7.5L of water). Use 200-300 ml / for each m².



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Sterilite™ Plus

The complete disinfectant

Sterilite Plus is a broad spectrum virucide, bacteriocide and fungicide.

Benefits:

- **High Efficacy:** Sterilite Plus inactivates viruses and kills bacteria, mycoplasma, fungi and coccidia.
- **Rapid and Long Lasting:** Sterilite Plus starts killing in minutes and continues to destroy microorganisms for up to seven days, which is vastly longer than most other disinfectants, whose efficacy lasts only a few hours.
- **Cleansing with Disinfectant:** The patented formulation in Sterilite Plus includes a surfactant for increased wetting and dirt penetration, which allows it to be used for terminal cleaning and disinfecting operations.
- Gives **total control** to the farmer as an aerial, surface and water system disinfectant.
- **Destroys biofilms** due to its unique chemistry which employs high levels of surfactancy with strong oxidising power.
- **No taint and non toxic:** Will not taint food, and safe to both livestock and their handlers.
- **Stable:** Effective in hard and soft water and in the presence of high levels of organic matter.
- **Non Corrosive:** Can be used on and with any equipment, does not contain salt. Non corrosive on stainless steel.
- **Easily diluted:** With COLD water.
- **Economical:** Cost effective in use.
- Can be used to clean calf pens **while calves are present**. Should be used prior to calves' arrival and periodically while rearing to minimise the chance of disease.



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