

Viragri Plus

Non-oxidising disinfectant

Description

Viragri Plus is a highly effective, non-oxidising disinfectant specially formulated for use on cleaned surfaces in the sectors where biocidal activity is required like agriculture (e.g. empty growing rooms and greenhouses), lairage and in some specific food industry applications.

Key properties

- Viragri Plus is based on an optimised blend of glutaraldehyde and quaternary ammonium compound (QAC) in aqueous solution. It has been extensively tested in the laboratory and in-use, and shown to have broad-spectrum activity against bacteria, fungi and viruses of importance in the effective maintenance of animal health and hygiene.
- Viragri Plus is designed as a terminal disinfectant for use after surfaces have been thoroughly cleaned and rinsed to remove all gross soil. It is recommended for use in agriculture, like animal housing, empty growing rooms and greenhouses, dismantled equipment, in boot dips and can be used on all surfaces and equipment found in animal housing, hatcheries and food industry applications.
- Viragri Plus is suitable for soak, spray and fogging application.

Benefits

- Specially formulated for use in spray, soak or fogging applications.
- Bactericidal, virucidal and fungicidal action.
- Low corrosivity product, suitable for use on all surfaces including soft metals.
- Effective in hard and soft water areas.

Use instructions

Food Industry:

Use Viragri Plus at concentrations between 0.25-1% (v/v) on cleaned surfaces depending on application.

No direct food contact. Only for hard surfaces. Always rinse thoroughly after use with potable water. For full details, please refer for individual method cards.

Agriculture:

Use Viragri Plus normally at concentrations between 0.5-1% v/v on cleaned surfaces

Animal Housing: Spray with a 0.5-1% v/v solution

Dismantled equipment: Spray or dip using a 0.5-1% v/v solution

Boot dips/wheel rinse: Use a 1-2% v/v solution, change daily

Fogging: Prepare a stock solution according to recommendations of equipment supplier and apply at the rate of 0.5-2ml per m³ as neat product.

For full details, please refer to individual method cards.

VT49



Divosan™

Viragri Plus VT49

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Technical data

Appearance	Clear colourless liquid
Relative Density at 20°C	1.04
pH (1% solution at 20°C)	5.7
Chemical Oxygen Demand (COD)	550 gO ₂ /kg
Nitrogen Content (N)	5.5 g/kg
Phosphorous Content (P)	4.5 g/kg

The above data is typical of normal production and should not be taken as a specification.

Safe handling and storage information

Store in original closed containers, away from sunlight and extremes of temperature. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

Product compatibility

Viragri Plus is suitable for use on all materials commonly encountered in the construction of animal housing and related equipment. In the event of uncertainty it is advisable to evaluate individual materials before any prolonged use.

Viragri Plus is suitable for use on material commonly found in the processed food industry, including soft metals such as aluminium, when applied at the recommended concentration and temperature.

Always rinse surfaces thoroughly after use (within one hour).

In the event of uncertainty it is advisable to evaluate individual materials before.

Test method

Not applicable.

Microbiological data

Food Industry

EN13697

Viragri Plus possesses a bactericidal activity in 5 minutes at room temperature (22°C) under clean conditions (0.03% bovine albumin) for Staphylococcus aureus, Enterococcus hirae, Escherichia coli and Pseudomonas aeruginosa when diluted at 0.25% (v/v) in hard water a fungicidal activity in 15 minutes at room temperature (22°C) under clean conditions (0.03% bovine albumin) for Candida albicans when diluted at 0.5% (v/v) in hard water and for Aspergillus niger when diluted at 5% (v/v) in hard water

EN1276

Viragri Plus possesses a bactericidal activity in 5 minutes at 20°C under clean conditions (0.03 % bovine albumin) for Staphylococcus aureus, Enterococcus hirae, Escherichia coli and Pseudomonas aeruginosa when diluted at 1% (v/v) in hard water.

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Microbiological data

Agriculture

EN 14349

Viragri Plus possesses a bactericidal activity at 10°C under clean conditions (3 g/l albumin) for *Staphylococcus aureus*, *Enterococcus hirae*, *Pseudomonas aeruginosa* and *Proteus hauseri* after contact time of 30 minutes when diluted at 0.25% (v/v) in hard water.

EN14675

A sufficient reduction of virus titre (ECBO virus) could be achieved by Viragri Plus as 1% (v/v) solution (lowlevel soiling) after an exposure time of 15 minutes.

EN1656

Viragri Plus possesses a bactericidal activity in 30 minutes at 10°C under clean conditions (3 g/l bovine albumin) for *Staphylococcus aureus*, *Enterococcus hirae*, *Proteus vulgaris* and *Pseudomonas aeruginosa* when diluted at 0.25% (v/v) in hard water and under dirty conditions (1% bovine albumin + 1% yeast extract) for *Staphylococcus aureus*, *Enterococcus hirae* and *Pseudomonas aeruginosa* when diluted at 0.25% (v/v) in hard water and *Proteus vulgaris* when diluted at 0.5% (v/v) in hard water.

CEN/TC216/W62 N203(2011)

Viragri Plus possesses a fungicidal activity in 30 minutes at 10°C under clean conditions for *Candida albicans* when diluted at 0.5%.