



## Product information and Instructions

### Virocid (Available in 5L 10L)

Virocid is a world-leading, concentrated disinfectant that is highly efficient at killing bacteria, spores, viruses and fungi including COVID-19.



- Very low dilution rate – just 1 litre of Virocid covers 1600m<sup>2</sup>
- Can be sprayed, foamed or fogged
- No resistance
- Effective in hard water & in presence of organic matter
- Wide range of applications
- Safe for equipment (neutral pH), biodegradable and environmentally friendly
- Made in Belgium

Virocid is registered with US EPA for COVID-19.

The worldwide success of Virocid® is based on the unique synergism of these characteristics:

“Hospital grade” disinfectant

Highly efficient to kill bacteria, spores, viruses and fungi

Residual action

No resistance

Very low dilution rate

Extremely economical cost- in-use

Versatile usage: spraying, foaming, fogging, booth dips, wheel dips

Active at all temperatures

Effective in hard water (even sea water)

Effective in presence of organic matter

Safe for equipment (neutral pH) and environment friendly

Virocid® offers at least two times more protection than no matter which other disinfectant. So, it's not surprising at all that Virocid® is number one in the world! Virocid® is thanks to a dosage which is minimum 50% lower than other disinfecting products, not only more economical, but is also offering a wide application range for the daily disinfection



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## Safety

### People – Maximum Exposure Limit

MEL: legislation concerning the protection of the human health and the security of the employees against the risks of chemical agents on the work floor.

Virocid® complies with MEL. This means that the amount of glutaraldehyde in aerosol is below the Maximum Exposure Limit. To be classified as safe to use for humans in a dilution of 1:200 (0,5%), MEL allows maximum 0.05 ppm glutaraldehyde particles in the air after 15 minutes exposure time.

Contains no carcinogenic formaldehyde nor toxic phenolics.

### Environmental Biodegradability

Virocid® is readily biodegradable for more than 90% after 28 days, according to European Commission Directive 84/449/EEC and the OECD (Organisation for Economic Co-operation and Development).

No residues of heavy metals or trihalomethanes.

Virocid® used for disinfection of farm buildings will not affect the activity in biogas installations.

### Temperature Range

Virocid® can be used between 4 °C – 60 °C, and even in freezing temperatures, by adding propylene glycol.

Also tested in seawater (CFR Test University of Bergen, Norway). Test available upon request.

### Stability

The dilution of 0,5% (1:200) and 1% (1:100) is stable in water of 60 °C (43 F), 25 °C (77 F) and 40 °C (104 F) during 4 weeks.

The concentrate has a shelf life of 3 years at an average temperature of 25 °C.

### Surfaces Non-Corrosive

Virocid® at 0,5%, after 1000h of immersion causes no corrosion on surfaces commonly used in livestock industries and therefore can be used safely.



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### **Equipment VDA**

Virocid® is VDA approved at 1% as class A.

Products with a VDA approval meet the highest German quality standards, meaning not corrosive on vehicles.

(VDA = German Association of the Automotive Industry)

Corrosivity test done at CIRLAM laboratory based on UN no. ST/SG/AC.10/11/Rev.4 guidelines.

\* considered norm for the ADR transport law. 0,1mm/year gives a visual appearance of beginning corrosivity

In dilution, Virocid® has a pH around neutral.

### **Virocid applied through a Suttner ST83 Cold Fogger**

Add 2.5ml of Virocid to the 1 litre container – this will result in a 0.25 or 1:400 chemical to water ratio



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