

# Virocid®

## DISINFECTION IN ACTION!

In today's production world, an efficient and continuous disinfection is a top priority. Virulent diseases not only skim the profits away, they can even affect a whole industry. An ounce of prevention is worth a pound of cure!

Where Virocid® is being applied, bacteria, viruses, fungi and spores have no chance. Investing in the bio-security of animals, houses, materials, buildings, vehicles and people is a prudent managerial decision. It leads to better production results and can prevent diseases.

The bigger and more intensive animal husbandry becomes, the bigger the risk for virulent diseases.

The bactericidal, virucidal, fungicidal and sporicidal effect of Virocid® is unique in the world.



## TEMPERATURE RANGE

Virocid® can be used between 23°F and 113°F, and even in freezing temperatures, by adding propylene glycol.

Test available upon request.

## STABILITY

The dilution of 0,5% (1:200) and 1% (1:100) is stable in water of 43 F (6°C), 77 F (25°C) and 104 F (40°C) during 4 weeks.

The concentrate has a shelf life of 3 years, at an average temperature of 77F (25°C).

## 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.



## SURFACES

### NON-CORROSIVE

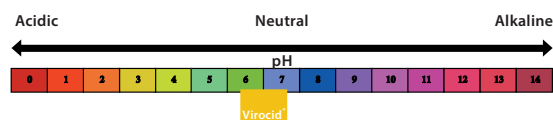
Virocid® at 0,5%, after 1000h of immersion causes no corrosion on surfaces commonly used in livestock industries and therefore can be used safely.

TYPE OF SURFACE	WEIGHTLOSS % after 1000H	CORROSION VALUE mm/year after 1000H
Copper	0,056%	0,0020
Brass	0,062%	0,0026
Anodized Alu	0,13%	0,0027
Galvanized Steel	0,000%	0
Corrosion if *	> 80%	> 6,25

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.



# ENDLESS APPLICATIONS

Virocid® can be applied in a versatile way, without having to add any additives :



**FOAMING**  
A foam lance with high pressure ( min. 40 bar) or medium pressure with compressed air (25 bar) is enough to make Virocid® F foam by itself. The nice white foam shows if every spot has been covered. It also gives a longer contact time, therefore: superior disinfection results. Dilution: 0.25-0.5%.



**SPRAYING**  
Virocid® can be sprayed through manual or PTO driven spraying systems. Dilution: 0.25-0.5%.



**THERMO FOGGING**  
No need to add a "carrying agent" to fog Virocid®. The small particles in the air allow for an "aerial disinfection". Reports of "non corrosive to the fogger" are available from different manufacturers of thermo foggers. Dilution: 1-2L product +3 L water/1000 m<sup>3</sup>.



**BOOTH DIPS**  
Virocid® is ideal for boot dips, if disinfection baths are adequately used and located on strategic places, they are a good additional measure for biosecurity on the farm. Dilution: 0.5-1%.



**TRANSPORT**  
Virocid® is approved by the VDA, the German Automobile Association as "Class A" (non corrosive). Dilution: 0.25-0.5%.



**HATCHING EGGS**  
Virocid® can be applied as an alternative to (carcinogenic) formaldehyde through our special nozzle. Tested on hundreds of thousands of hatching eggs! (\*Not permitted in every country). Dilution: 10% through special nozzle.

**UNIQUE formaldehyde-free**

Ask your local CID LINES, An Ecolab Company dealer for more information.  
Check our application videos on youtube.  
[www.youtube.com/cidlines](http://www.youtube.com/cidlines)



**ALL TEST REPORTS AVAILABLE UPON REQUEST OR AT [WWW.VIROCID.COM](http://WWW.VIROCID.COM).**



The specified uses and registered claims for Virocid® may vary from country to country. Please contact your local CID LINES supplier to verify country specific approved usages. Always read the Virocid® label to ensure regulatory compliance.