

# Virocid®

## NUMBER 1 FOR A REASON!

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 and is safe for people, animals, equipment and the environment.



## ENVIRONMENT

### 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° - 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 6°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.

## 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

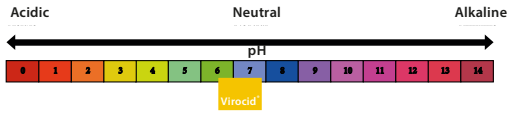
### NON-CORROSIVE

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	CORROSION VALUE mm/year after 1000H
Copper	0,0020
Brass	0,0026
Anodized Alu	0,0027
Galvanized Steel	0
Corrosion if*	> 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® 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%.



**BOOT 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%.



**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>.



**COOLING PAD**

Approved by Munters

Virocid® has been approved by Munters Int'l. and by the US Environment Protection Agency (EPA) to remove algae build up and to kill slime forming bacteria. Dilution: 0.33-0.75%.




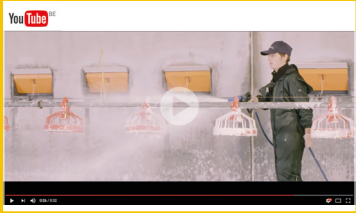
**TRUCK SPRAY**

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



**WHEEL DIPS**





Ask your lokal CID LINES dealer for more information.  
Check our **application videos** on youtube.  
[www.youtube.com/cidlines](http://www.youtube.com/cidlines)



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