

TRANSPORT PROTOCOL



STEP 1

Entering the premises
Disinfection arch or wheel mats.



STEP 2

Dry cleaning after unloading
Take away the remaining dirt.



STEP 3

Foam cleaning with Biosafe
Exterior, interior, wheels, equipment, loading bay.



STEP 4

Rinsing with water
Rinse with water with high pressure (50-150 bar and 12-30 Ls per min) and let dry.



STEP 5

Disinfecting (spray or foam) with Virocid
Exterior, interior, wheels, equipment, loading bay. Dilution: 0.5%.



STEP 6

Cabine cleaning and disinfection
Dry clean the pedals and carpets with a hand brush and disinfect with Virocid RTU or Virocid diluted at 0.5%. Disinfect the steering wheel and seats with Kenosept.



STEP 7

Personal hygiene

1. Wash and disinfect hands with Kenosept
2. Disinfect boots with Virocid RTU
3. Make sure you have separate clothing for (un)loading and driving the truck.

BIOSECURITY ON WHEELS

PREVENT EMERGING
DISEASE OUTBREAKS



RECOMMENDED SOLUTIONS FOR CLEANING & DISINFECTION

Animal production is an industry on wheels. On the road, all kinds of viruses can be picked up. And travelling from farm to farm means that inbetween, animal transport vehicles need to be cleaned and disinfected, to break the cycle of transmission.

Biosafe

Biosafe is an extremely safe cleaner*

Biosafe is a very effective cleaner for equipment, sensitive materials and vehicles. Thanks to the combination of powerful cleaning agents and special corrosion inhibitors, Biosafe is ideal for all corrosion sensitive surfaces (e.g. aluminium, copper, zinc, ...).

* Approved formula Keno® 4000



Corrosivity test

Test 1

Aluminium plate after 24 hours immersion in 100% solution of classic alkaline cleaner.



Test 2

Aluminium plate after 24 hours immersion in 100% solution Biosafe.

Conclusion

The aluminium plate was heavily corroded in test 1; no corrosion measured in test 2 when the plate was immersed in Biosafe.

Versatile use with Biosafe

Biosafe is not only safe but multifunctional. It can be applied in farms, hatcheries but also on vehicles and farm vehicles. It has very good cleaning properties and will let your vehicle shine like never before. This product is based on the latest cleaning technology making it highly efficient.

Virocid®

Non-corrosive

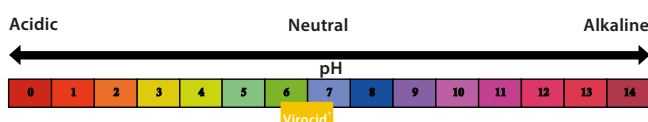
Virocid® at 0,5%, after 1000h of immersion causes no corrosion on surfaces commonly used in livestock industries and therefore can be used safely.

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

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

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

Virocid® has a neutral pH in dilution.



Application

- First soak with water.
- Dilution: 2-3%
- Apply Biosafe at min. 40 bar (580 psi) with a foam lance with cold water
- Contact time: minimum 15 minutes (depending on the degree of pollution.)
- Rinse with high pressure (min.40 bar)



Packaging

Available packages: 20 L.

Biosafe is certified as "Class A" by the German Vehicle Association (VD), meaning : non corrosive for vehicles.

Equipment

Virocid® is VDA approved* at 1% as class A. VDA is the German Vehicle Association.

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). A stock solution of Virocid remains stable for 4 weeks. Tests available upon request.



Packaging

Available packages: 5 L , 10 L , 20 L, 200 L, 1000 L.

EFFICACY TESTS ON EMERGENCY DISEASES

Intensive livestock production is an industry on wheels. Air, sea and land transport networks continue to expand in reach, speed of travel and volume of passengers and goods carried. Pathogens and their vectors can now move further, faster and in greater numbers than ever before. Important consequences of global transport network expansion are infectious disease pandemics such as African Swine Fever, Avian Influenza, Foot and Mouth Disease ...

More than ever it's important to break the transmission route of infectious diseases from vehicles to animals and people!

Multiple institutions and laboratories have tested Virocid®, mainly in Europe and the USA. Virocid® has been tested according to both European Norms and North American norms (working with 5% organic matter and 400 ppm hard water to simulate field conditions). More than 90 different bacteria, virus, fungi and their spores have been tested. Virocid® kills all of them at very low dilution rates.

Virus

African swine fever virus	Infectious pancreas necroses (IPN)
Aujeszky's disease / pseudorabies	Marek's disease virus
Avian reovirus	Newcastle disease virus (NDV)
Avian influenza H5N1	Pepinivirus
Avian influenza H9N2	Porcine circovirus
Avian Influenza H5N8	Porcine epidemic diarrhea virus
Avian laryngotracheitis virus	Porcine transmissible gastroenteritis virus (TGE)
Bovine enterovirus (ECBO)	PRRS virus
Bovine viral diarrhea virus (BVD)	Reovirus
Canine parainfluenza parvovirus	Talfan disease
Classical swine fever virus	Tomato brown rugose fruit virus
Foot and mouth disease virus	Tobacco mosaic virus
Gumboro virus	Tomato mosaic virus
H1N1 influenza A (Mexican flu)	Vesticular stomatitis virus
Infectious bronchitis virus	

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.



Products with a VDA approval meet the highest German quality standards, meaning not corrosive on vehicles (VDA = German Association of the Automotive Industry).