

PROTOCOLS

Boot hygiene



STEP 01
Dry cleaning (brush)
 Take away all rests of manure.



STEP 02
Rinse with water



STEP 03
Disinfect
 Dilution: 0.5 - 1%.

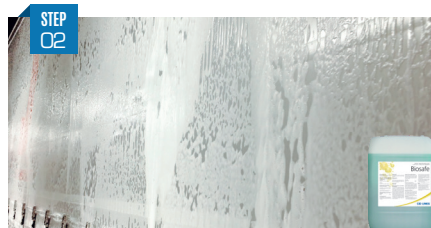


STEP 04
Renew
 Renew the solution regularly: 2-3 times/week.

Transport protocol



STEP 01
Dry clean after unloading
 Take away the remaining dirt.



STEP 02
Foam clean
 After every loading and unloading. Dilution: 1 - 2%.



STEP 03
Rinse with water
 Rinse with water (high pressure cleaner (50-150 bar and 12-30 Ls per min) and let dry.



STEP 04
Disinfect (spray or foam)
 Disinfect all surfaces inside and out with the right disinfectant. Work your way down from the top to the bottom and pay attention to cracks and wheels. Do not forget the underside of the vehicle. Dilution: 0.25 - 0.5%.



STEP 05
Cabine
 The cabine must be kept clean at all times. Separate, clean clothing and footwear are used when loading/unloading and these are taken off when getting back into the cabine. The floor mats should be cleaned/disinfected every day and the entire cabine should be vacuumed and cleaned at least once a week.



STEP 06
Equipment and loading bay of lorry
 All equipment used by drivers for loading or unloading animals (planks, etc.) should be disinfected at the end of the contaminated road. The necessary facilities should be provided in this location. Loading bays should not be forgotten. Dilution: 0.25 - 0.5%.

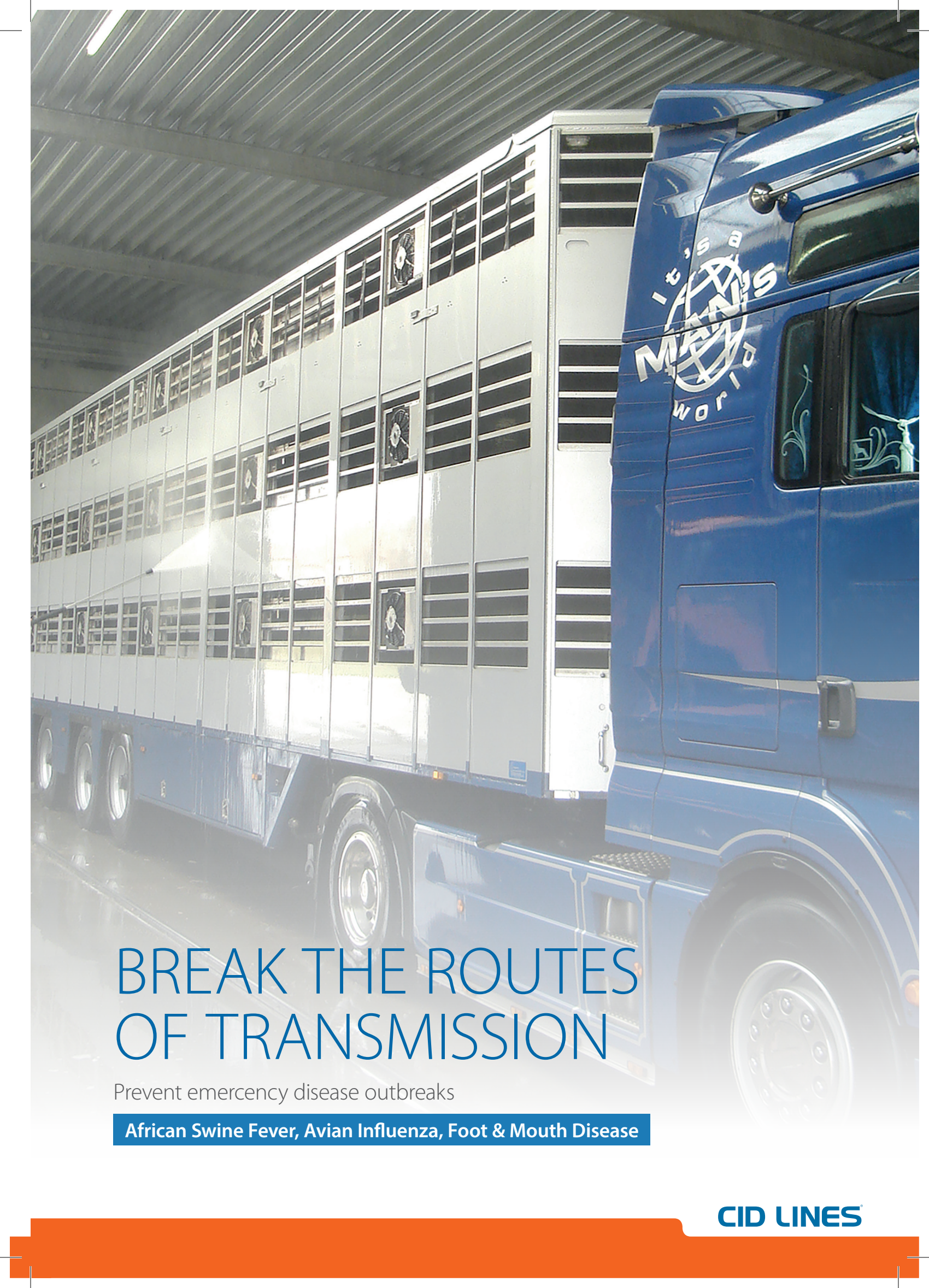
Use **signal boards** to create awareness for employees and visitors!



**WE
 MAKE
 HYGIENE
 WORK**

Hygiene is health. Hygiene makes all the difference in the food chain, from farm to fork. At CID LINES we make hygiene work. We combine 360° solutions with tailored advice. We go for the highest service levels and we invest in continuous innovation. This way we help our partners focus on what's key: keeping their business profitable, sustainable and most of all healthy. Because hygiene is health and health means greater wellbeing for all.

CID LINES



BREAK THE ROUTES OF TRANSMISSION

Prevent emergency disease outbreaks

African Swine Fever, Avian Influenza, Foot & Mouth Disease

CID LINES

RECOMMENDED SOLUTIONS FOR CLEANING & DISINFECTION



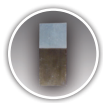
Biosafe

Biosafe is an extremely safe universal 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.

Application

- First soak with water.
- Dilution: 1-2%
- 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.



Virocid®

Non-corrosive

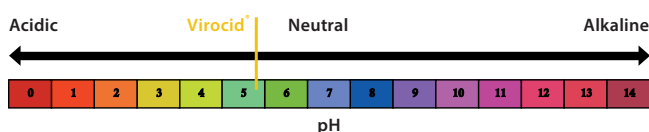
Virocid® at 0,5%, after 1000h of immersion causes no corrosion on surfaces commonly used in livestock industries and therefore can be used safely.

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 pH of 5.7 in dilution of 1%.



Equipment

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

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.

Packaging

Available packages: 5 L , 10 L , 20 L , 200 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 and Avian Influenza.

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 laryngotracheitis virus	Porcine epidemic diarrhea virus
Bovine enterovirus (ECBO)	PRRS virus
Bovine viral diarrhea virus (BVD)	Reovirus
Canine parainfluenza parvovirus	Swine fever
Foot and mouth disease virus	Talfan disease
Gumboro virus	Porcine transmissible gastroenteritis virus (TGE)
H1N1 influenza A (Mexican flu)	Tobacco mosaic
Infectious bronchitis virus	Vesticular stomatitis 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.



For a complete list of available tests, check out www.virocid.com



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