

# Virkon™ S

## DISINFECTANT & VIRUCIDE

LANXESS

Virkon™ S is a science-based biocidal technology for animal health disinfection, which has been specifically engineered to provide an effective, flexible and convenient, modern formulated disinfectant solution for commercial livestock producers, veterinary hospitals and farmers.

### Virkon™ S is a key component to a successful swine biosecurity program

- Proven efficacy against:  
**Foot and Mouth Disease, African Swine Fever<sup>1</sup>, PEDv and PRRS.**
- Destroys bacteria, viruses\* & fungi on hard non-porous surfaces found in swine facilities & farms.
- Disinfection for routine day-to-day use.
  - Hard surfaces, agricultural production equipment, vehicles, wheels & rubber boot disinfection.

The broad spectrum efficacy of Virkon™ S has been proven effective against:

- 61 strains of virus\*
- 33 strains of bacteria
- 7 strains of fungi

\*Please consult the Virkon™ S product container label for a comprehensive list of organisms.

<sup>1</sup> African Swine Fever efficacy was tested with 1% soil load and 342 ppm hard water.

<sup>2</sup> Transmissible Gastroenteritis Virus (TGE) efficacy was tested with no hard water.

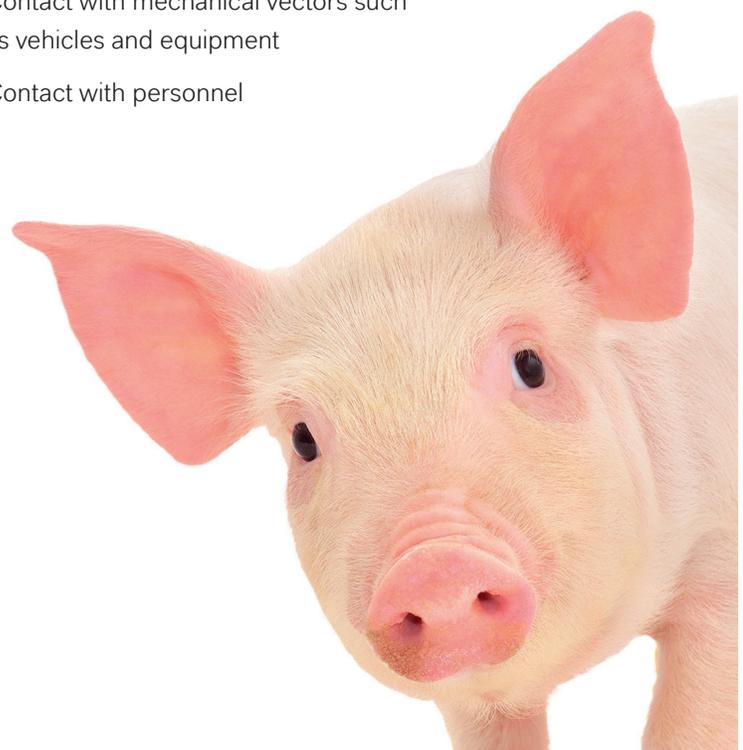


Virkon™ S is recognized worldwide as a leading disinfectant of choice for the emergency disease control of African Swine Fever Virus<sup>1</sup>.

African Swine Fever (ASF)<sup>1</sup> can be considered one of the most feared epidemic diseases of pig production, the others being Swine Vesicular Disease (SVD), Porcine Epidemic Diarrhea virus (PEDv) and Foot and Mouth Disease (FMD).

When considering an effective biosecurity program, it is essential to bear in mind that viruses can survive for considerable lengths of time outside of the host and pigs can be infected through a number of vectors:

- Contact with other pigs
- Contact with mechanical vectors such as vehicles and equipment
- Contact with personnel



## Swine Production Biosecurity Program Parameters

1. Establish a secure perimeter to ensure that the site is limited to one combined entrance and exit.
2. Put a shower-in policy in place and provide handwashing facilities.
3. Minimize the number of visitors and, where possible, provide “farm only” boots and overalls.
4. Clean vehicle wheels and personnel rubber boots with Virkon™ S as per product container label directions.
5. Ensure that all vehicles have been thoroughly cleaned and disinfected prior to arrival at site. Limit the amount of essential vehicles entering or exiting the site.

## Swine Production Disinfection

1. Follow general instructions from Virkon™ S product container label to remove swine and pre-clean area to be treated.
2. Use a 1% solution of Virkon™ S for cleaning and disinfecting farrowing units, nurseries, finisher houses, processing plants, and agricultural production equipment such as trucks, waterproof footwear (such as rubber boots), and associated livestock equipment and instruments.
3. Saturate surfaces with a 1% solution of Virkon™ S with a cloth, mop, mechanical spray, or sponge for a period of 10 minutes.
4. Allow surfaces to air dry.
5. Rinse waterers and feeders with potable water before reuse.



LANXESS Corporation  
19 Campus Blvd. Suite 100  
Newtown Square, PA 19073

biosecurity@lanxess.com  
<http://virkon.us/>  
lanxess.com

## Virkon™ S virucidal efficacy data against swine disease-causing organisms

Swine Disease	Virus Family
Adenovirus Pneumonia*	Adenoviridae
African Swine Fever Virus!*	Iridoviridae
Foot and Mouth Disease Virus	Picornaviridae
Hog Cholera Virus*	Flaviviridae
PCV2 Virus (PMWS)*	Circoviridae
Porcine Epidemic Diarrhea Virus (PEDv)*	Coronaviridae
Porcine Parvovirus*	Parvoviridae
Porcine Reproductive and Respiratory Syndrome Virus (PRRS)*	Arteriviridae
Pseudorabies Virus (Aujeszky's Disease)*	Herpesviridae
Swine Influenza Virus*	Orthomyxoviridae
Swine Vesicular Disease Virus*	Picornaviridae
Transmissible Gastroenteritis Virus (TGE) 2*	Coronaviridae
Vesicular Stomatitis Virus*	Rhabdoviridae

\* Not approved for use in California against the noted pathogens.

Consult the Virkon™ S product container label for the comprehensive list of bacteria, viruses and fungi.

### LANXESS Corporation

111 RIDC Park West Drive • Pittsburgh, PA 15275 • Phone: 1-800-LANXESS • [www.US.LANXESS.com](http://www.US.LANXESS.com)

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