



Virkon® S

Disinfectant and Virucide*

LANXESS
BIOSECURITY
SOLUTIONS



GENERAL INSTRUCTIONS – BOVINE FACILITY DISINFECTION PROCEDURES

Concentration	Virkon® S	Gallons of water	Contact time
1:100	1 scoop (1.3oz)	1	10 minutes*
1:100	8 tablets	1	10 minutes*

For Disinfection of Bovine Housing Stables, Hospital Quarantine Pens, Feedlot Facilities, and Agricultural Production Equipment

1. Follow general instructions to remove livestock and pre-clean area to be treated.
2. Use a 1% solution of Virkon® S to clean and disinfect areas associated with bovine housing stabling, hospital quarantine pens, feedlot facilities, and agricultural production equipment: such as trucks, water-proof 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. Allow surfaces to remain visibly wet for a period of 10 minutes.

4. Allow surfaces to air dry.
5. Rinse waterers and feeders with potable water before reuse.

* Please consult the Virkon® S product container label for a comprehensive list of organisms and directions for use.

The importance of vehicle disinfection

The importance of disinfection for all vehicles associated with cattle cannot be stressed enough, as vehicles provide an excellent vector through which disease can be spread. This applies not only to bovine haul and feed vehicles, but also to any individuals visiting cattle production facilities and farms.



Virkon® S Pathogen List

Bovine Pathogens	Concentration	Virkon® S	Gallons of water	Contact time
Aspergillus fumigatus*	1:100	1 scoop (1.3oz)	1	10 minutes
Bacillus cereus	1:100	1 scoop (1.3oz)	1	10 minutes
Bovine Adenovirus Type 4	1:100	1 scoop (1.3oz)	1	10 minutes
Bovine Polyoma Virus*	1:100	1 scoop (1.3oz)	1	10 minutes
Bovine Pseudocowpox Virus*	1:100	1 scoop (1.3oz)	1	10 minutes
Bovine Viral Diarrhea Virus* (no hard water)	1:100	1 scoop (1.3oz)	1	10 minutes
Brucella abortus	1:100	1 scoop (1.3oz)	1	10 minutes
Calf Rotavirus* (no hard water)	1:100	1 scoop (1.3oz)	1	10 minutes
Campylobacter jejuni	1:100	1 scoop (1.3oz)	1	10 minutes
Clostridium perfringens	1:100	1 scoop (1.3oz)	1	10 minutes
Dermatophilus congolensis (2%)	1:50	2 scoops (2.7oz)	1	10 minutes
Escherichia coli	1:100	1 scoop (1.3oz)	1	10 minutes
Foot and Mouth Disease Virus	1:100	1 scoop (1.3oz)	1	10 minutes
Fusarium moniliforme*	1:100	1 scoop (1.3oz)	1	10 minutes
Haemophilus somnus*	1:100	1 scoop (1.3oz)	1	10 minutes
Helicobacter pylori*	1:100	1 scoop (1.3oz)	1	10 minutes
Infective Bovine Rhinotracheitis Virus* (no hard water)	1:100	1 scoop (1.3oz)	1	10 minutes
Klebsiella pneumoniae	1:100	1 scoop (1.3oz)	1	10 minutes
Leptospira canicola*	1:100	1 scoop (1.3oz)	1	10 minutes
Listeria monocytogenes*	1:100	1 scoop (1.3oz)	1	10 minutes
Moraxella bovis (Pink Eye)*	1:100	1 scoop (1.3oz)	1	10 minutes
Mycoplasma mycoides*	1:100	1 scoop (1.3oz)	1	10 minutes
Parainfluenza virus Type 3 (PI3)*	1:200	0.7oz	1	1 minute
Pasteurella multocida	1:100	1 scoop (1.3oz)	1	10 minutes
Proteus vulgaris*	1:100	1 scoop (1.3oz)	1	10 minutes
Pseudomonas aeruginosa	1:100	1 scoop (1.3oz)	1	10 minutes
Rotaviral Diarrhea Virus*	1:100	1 scoop (1.3oz)	1	10 minutes
Salmonella enterica	1:100	1 scoop (1.3oz)	1	10 minutes
Salmonella typhimurium	1:100	1 scoop (1.3oz)	1	10 minutes
SARS-Related Coronavirus 2*	1:100	1 scoop (1.3oz)	1	1 minute
Staphylococcus aureus	1:100	1 scoop (1.3oz)	1	10 minutes
Staphylococcus epidermidis	1:100	1 scoop (1.3oz)	1	10 minutes
Streptococcus pyogenes	1:100	1 scoop (1.3oz)	1	10 minutes
Vesicular Stomatitis Virus*	1:100	1 scoop (1.3oz)	1	10 minutes



* Not approved for this use in California.

Please consult the Virkon® S product container label for a comprehensive list of organisms and directions for use.

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