

# Aldekol® DES FF

**Multipurpose Livestock  
Production Disinfectant**



**BROAD SPECTRUM**  
against livestock  
disease-causing  
organisms



**MULTIPURPOSE**  
surface & equipment  
disinfectant



**BOOT DIP**  
DISINFECTION



**VEHICLE**  
DISINFECTION



**THERMAL FOGGING**  
DISINFECTION  
of empty animal facilities

## Approvals

Aldekol® DES FF has been independently tested and approved against disease-causing pathogens that effect the health of livestock and poultry by world renown international test facilities, laboratories and governmental institutions such as the National Reference Laboratory of Newcastle Disease, and the German Veterinary Association (DVG). In addition, Aldekol® DES FF is registered for use as a biocide in more than 20 countries worldwide. Additional efficacy can be provided upon request.

## Composition

- Glutaraldehyde 11.0%
- Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC) 7.25%
- Didecyldimethylammonium chloride (DDAC) 4.5%
- Excipients: q.s. 100%

## Physical and Chemical Properties

Colour:	Yellowish
Odour:	Pungent
Density:	1.010 – 1.020 g/cm <sup>3</sup>
pH of concentrate:	~3.3
pH of a 1% solution:	~4.4

## Application & Use Guidance

Disinfection Task	Dilution Rate	Application
Routine disinfection of hard surfaces and equipment	1% (1:100)	Using a pressure washer or other mechanical sprayer with a foam lance, apply Aldekol® DES FF solution at an application rate of 300ml/m <sup>2</sup> or to the point of "run-off".
Vehicle disinfection	3% (1:33)	Outside, start at the top and work down paying attention to wheels, arches, mudguards and underside of vehicle. Inside, starting on top deck and working down, disinfect ceiling, sidewalls, divisions, floors and the tailgate. Leave for a minimum of 5 minutes.
Routine disinfection of footwear	3% (1:33)	Remove organic matter from boots and soles with a stiff brush. Step into the Aldekol® DES FF solution covering the foot of the boot. Allow a minimum 1-minute contact time.
Thermal fogging disinfection	1.5ml/1m <sup>3</sup> (Aldekol® DES FF concentrate)  Prepare an appropriate dilution  e.g. 95% water and 5% Aldekol® DES FF	Fill the thermal fogging machine with the required volume of Aldekol® DES FF solution. Direct the nozzle of the fogger into the building, with the air intake situated outside of the building, and activate. Leave the building closed for a minimum of 2 hours and allow mist to fully disperse before re-entering.

## Virucidal Efficacy data

Virus	Method	Dilution Rate	Temperature (°C)	Soiling	Time (min)
Avian influenza H5N2	EN 17122	0.05%	10	Clean	30
Bovine enterovirus (ECBO)	EN 14675	0.30%	10	Clean	30
Feline coronavirus (enveloped virus activity)	EN 17122	0.25%	10	Clean	30
Porcine parvovirus (full virucidal activity)	EN 17122	1%	10	Clean	120

## Bactericidal Efficacy

Bacteria	Method	Dilution Rate	Temperature (°C)	Soiling	Time (min)
<i>Enterococcus hirae</i>	EN 1656	1%	10	Clean	5
<i>Proteus hauseri</i>	EN 1656	1%	10	Clean	5
<i>Pseudomonas aeruginosa</i>	EN 1656	1%	10	Clean	5
<i>Staphylococcus aureus</i>	EN 1656	1%	10	Clean	5

## Yeasticidal Efficacy

Yeast	Method	Dilution Rate	Temperature (°C)	Soiling	Time (min)
<i>Candida albicans</i>	EN 1657	1%	10	Clean	5

The specified uses and registered claims for Aldekol® DES FF may vary from country to country. Please contact LANXESS directly to verify country-specific approved usages.

## Personal Protective Equipment

Always use Personal Protective Equipment (PPE) when handling and applying chemical concentrates and in-use solutions:

- Overall - chemical risk type 4 single use
- Wellington Boots
- Nitrile Gloves EN374
- Half mask - with canisters ABEK P
- Protective glasses or complete face mask

## Product Presentations

5, 10, 25, 200 and 1000 Litres



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**Use biocides safely. Always read the label and product information before use. Dangerous product. Respect precautions for use. For professional use only.**

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