

Ambicide®

**Broad Spectrum
Multipurpose Disinfectant**

Superior dual action formulation

Effective against a broad spectrum of disease-causing organisms

Ideal for use in hatcheries, food processing and on the farm



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Multipurpose Disinfectant**

Applications

Ambicide®'s non-staining, non-tainting dual action formulation provides a broad spectrum of activity against viruses, bacteria, fungi and spores. Its twin chain quaternary ammonium and tertiary compounds makes it the ideal solution for use in the disinfection of vehicles transporting food grade grain, and on food contact surfaces.

Ambicide® provides a flexible solution for surface, equipment, vehicle, and egg dipping or spray disinfection at low temperatures and in the presence of organic challenge.



GENERAL PROPERTIES

- Dual action formulation with twin chain quaternary ammonium and tertiary alkylamine compounds
- Broad spectrum of activity
- Specifically developed for use in the hatchery and food processing environments
- Can be applied as a foam, spray or egg dip
- Can be used through pressure washers and spraying equipment
- Non staining and non tainting
- pH 7.9

Composition

A synergistic and unique blend of tertiary alkylamine and a twin chain quaternary ammonium compound with added foam booster to provide excellent foaming characteristics.

Mode of action

Ambicide® works by disrupting the cytoplasmic membrane, resulting in loss of vital intracellular constituents and precipitation of cell contents, leading to cell death.





Instructions for use

Surface disinfection

The level of disease-causing organisms present after basic cleaning can remain high enough to offer a serious disease challenge. Using a disinfectant independently proven effective against viruses, bacteria, fungi and spores, such as Ambicide®, is essential.

Spraying

Manually prepare a solution between 0.5 - 1% (1:200 - 1:100 dilution) of Ambicide® or calibrate your dosing equipment to achieve the required dilution. Using either a knapsack sprayer or pressure washer on a low pressure setting, spray the disinfectant solution on to pre-cleaned surfaces at an application rate of 300ml/m².

Foaming

Manually prepare a 2% (1:50 dilution) solution of Ambicide® or calibrate your dosing equipment to achieve the required dilution. Using a pressure washer with a foaming lance apply Ambicide® disinfectant solution to pre-cleaned surfaces at an application rate of 250ml/m².



Vehicle disinfection

Manually prepare a 1% (1:100 dilution) solution of Ambicide® or calibrate your dosing equipment to achieve the required dilution. Using either a pressure washer or knapsack sprayer on a fine mist setting, apply the disinfectant solution to all surfaces of the vehicle including; wheel arches, mudguards and any exposed chassis.

Egg disinfection

Setters and egg stores containing eggs

Manually prepare a 1% (1:100 dilution) solution of Ambicide® or calibrate your dosing equipment to achieve the required dilution. Using either a mechanical mist/cold fog generator, apply Ambicide® 1% solution at a rate of 25ml/m³ to wet the surface of the egg or equipment.

Egg disinfectant dip

Manually prepare a 1% (1:100 dilution) solution of Ambicide® using warm water (38-41°C) in a suitable container and dip hatching eggs for 2-3 minutes prior to placement in the hatching baskets.



General Product Information

Storage

Store in a cool dry place.

Disposal

Dilute small quantities to waste water, via a foul sewer or other treatment facility in accordance with local water authority regulations.

Shelf life

Concentrate 3 years. Diluted product up to one week if unused.

Packaging

Available in 20 litre drums approved to UN Standards.

Summary Efficacy Data for Ambicide®

| Virus | Dilution Rate |
|---------------------------------------|---------------|
| <i>Avian Influenza virus H3N2</i> | 1:100 |
| Fungi and Yeasts | Dilution Rate |
| <i>Aspergillus fumigatus (Spores)</i> | 1:200 |
| <i>Aspergillus niger (Spores)</i> | 1:200 |
| <i>Candida albicans</i> | 1:200 |
| Bacteria | Dilution Rate |
| <i>Acinetobacter anitratus</i> | 1:200 |
| <i>Bacillus cereus (spores)</i> | 1:20 |
| <i>Campylobacter jejuni</i> | 1:100 |
| <i>E. coli 0157</i> | 1:200 |
| <i>Enterococcus hirae</i> | 1:100 |
| <i>Klebsiella pneumoniae</i> | 1:200 |
| <i>Proteus vulgaris</i> | 1:200 |
| <i>Pseudomonas aeruginosa</i> | 1:100 |
| <i>Salmonella enteritidis</i> | 1:200 |
| <i>Salmonella typhimurium DT104</i> | 1:200 |
| <i>Staphylococcus aureus</i> | 1:100 |



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The specified uses and registered claims for the product may vary from country to country. Please contact LANXESS to verify country-specific approved uses.

Use biocides safely. Always read the label and product information before use.

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