



HALAMID® IN PIG FARMING

In intensive farming, the high density of animals increases the risk of diseases. Buildings, equipment and lorries, when not properly cleaned and disinfected are responsible for transmission of pathogenic microorganisms.

The excellent efficacy of Halamid® against problematic bacteria and viruses in pig farming is confirmed by various laboratory tests and field trials.

Halamid® covers all possible areas you need to disinfect in your farm - animal houses, equipment, vehicles and footbath. Farmers successfully apply it by spraying, nebulisation or (thermo)fogging.

HALAMID®, A UNIQUE PRODUCT

- Large activity spectrum
- Non corrosive in solution for materials
- Easy to use and versatile
- Stable
- Readily biodegradable
- No risk of building up resistant microorganisms

EFFICACY

Halamid® is effective against many bacteria and viruses related to intensive farming applications. **A few of them are indicated below, but the complete activity spectrum of Halamid® is much wider.**

Bacteria

Actinobacillus pleuropneumoniae
Enterobacteria
E. coli
Lawsonia intracellularis
Listeria
Pseudomonas sp
Salmonella sp
Staphylococcus aureus
Streptococcus faecalis

Viruses

Aujeszky disease virus
 Encephalomyocarditis virus
 Porcine parvovirus
 Reo virus
 South African pest virus
 Swine fever virus
 Teschen virus
 Vesicular swine disease virus

RECOMMENDED CONCENTRATIONS

Application	Concentration	Remark
Surface and building disinfection by spraying	0.5%-1%	0.3 L/m ²
Surface and building disinfection by nebulization	2%-3%	40-50 ml/m ³
Vehicle disinfection	1%	
Water system disinfection	0.5%	Rinse with clean water
Footbath	2%	Renew as often as needed

APPLICATIONS

General disinfection rules

Always remember that cleaning is a required preliminary step before disinfection to ensure the best results.

Without proper cleaning, dirt and organic matter protect microorganisms against the killing effect of the disinfectant, resulting in an incomplete operation.

Start by dry cleaning to remove most of the organic matter, followed by cleaning with water or a detergent solution. Once it is done, disinfect with Halamid®.

Halamid® is always applied as an aqueous solution: simply dissolve the Halamid® in clean water at the required concentration.

Surfaces and building disinfection

Between production cycles, when the buildings are empty, clean thoroughly and then disinfect with a Halamid® solution, applied by spraying, nebulization or fogging.

For spraying, use 0.3 L/m² of a Halamid® solution at a concentration of 0.5-1%. Multiply the floor space by 2.5 to obtain the total surface area (including walls and ceiling) of the building.

Nebulization and fogging

When the animal house is equipped with a water nebulization system, building disinfection with Halamid® solution fogged through this equipment proved not only to be very effective but also easy to apply and cost efficient.

Fog a Halamid® solution at a concentration of 2-3% with a recommended volume of 40-50 mL/m³. Despite a higher concentration needed this system remains economically attractive because of the low total quantity of Halamid® required to achieve an effective disinfection.

Truck disinfection

Trucks contribute significantly to transmission of diseases from farm to farm. Make sure all vehicles are well disinfected (including the wheels) with a 1% Halamid® solution prior entrance to the farm.

Halamid® is particularly interesting for this application as solutions are non corrosive to materials and the product is active even at low temperature.

Footbath

A footbath should be placed at the entrance of each building and everybody must use it. A 2% Halamid® solution is prepared and refreshed as often as needed (generally twice a week, but it depends on the soiling of the solution).

Water system disinfection

Safe drinking water is a very important parameter for the animal well-being and should not be overlooked.

When the building is empty, run a 0.5% Halamid® solution through the water system for 30 min and then rinse with clean water.

Halamid® can also be used to disinfect drinking water. Refer to the relevant information on this specific application.

Lawsonia intracellularis

Lawsonia intracellularis is responsible for Porcine Proliferative Enteropathy, also known as ileitis, a very problematic and costly pig disease. *Lawsonia* bacteria are able to survive up to two weeks in pig farm environment and contamination mainly occurs via infected faeces. Regular disinfection of pig farm with a product of proven efficacy against *Lawsonia intracellularis* is therefore a must.

Halamid® is one of the very few disinfectants proven effective against *Lawsonia intracellularis*: a 0.3% Halamid® solution with a contact time of 30 min effectively kills the bacteria (McOrist, 2005).

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

**Halamid® is an
Axcentive product
available in various
packages, from
2 kg buckets to
1000 kg big bags.**

axcentive

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